



Full wwPDB NMR Structure Validation Report ⓘ

Mar 28, 2026 – 02:02 PM UTC

PDB ID : 7TZD / pdb_00007tzd
BMRB ID : 18263
Title : Solution NMR of the specialized apo-acyl carrier protein (RPA2022) from Rhodopseudomonas palustris, refined without RDCs. Northeast Structural Genomics Consortium Target RpR324
Authors : Ramelot, T.A.; Tejero, R.; Montelione, G.T.; Northeast Structural Genomics Consortium (NESG)
Deposited on : 2022-02-15

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A user guide is available at

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

with specific help available everywhere you see the ⓘ symbol.

The types of validation reports are described at

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

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

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

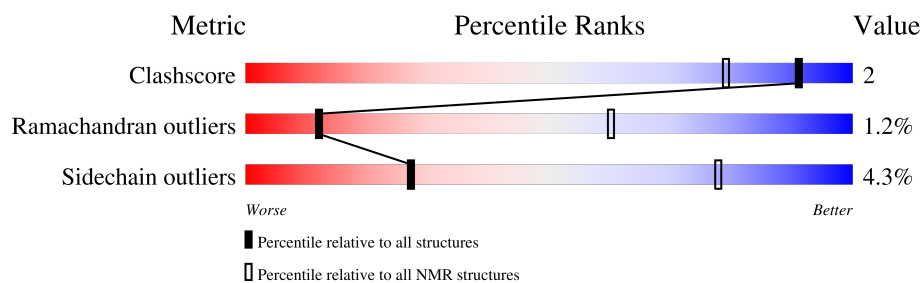
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

SOLUTION NMR

The overall completeness of chemical shifts assignment is 96%.

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



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

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

Mol	Chain	Length	Quality of chain
1	A	101	 84% 13%

2 Ensemble composition and analysis

This entry contains 20 models. Model 1 is the overall representative, medoid model (most similar to other models).

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

Well-defined (core) protein residues			
Well-defined core	Residue range (total)	Backbone RMSD (Å)	Medoid model
1	A:4-A:91 (88)	0.66	1

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

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

The models can be grouped into 1 clusters. No single-model clusters were found.

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

3 Entry composition

There is only 1 type of molecule in this entry. The entry contains 1582 atoms, of which 785 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Specialized acyl carrier protein.

Mol	Chain	Residues	Atoms						Trace
1	A	101	Total	C	H	N	O	S	0
			1582	505	785	135	155	2	

There are 8 discrepancies between the modelled and reference sequences:

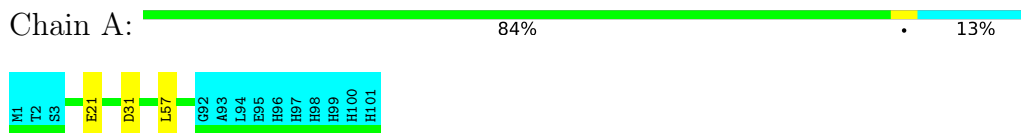
Chain	Residue	Modelled	Actual	Comment	Reference
A	94	LEU	-	expression tag	UNP Q6N882
A	95	GLU	-	expression tag	UNP Q6N882
A	96	HIS	-	expression tag	UNP Q6N882
A	97	HIS	-	expression tag	UNP Q6N882
A	98	HIS	-	expression tag	UNP Q6N882
A	99	HIS	-	expression tag	UNP Q6N882
A	100	HIS	-	expression tag	UNP Q6N882
A	101	HIS	-	expression tag	UNP Q6N882

4 Residue-property plots [i](#)

4.1 Average score per residue in the NMR ensemble

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

- Molecule 1: Specialized acyl carrier protein

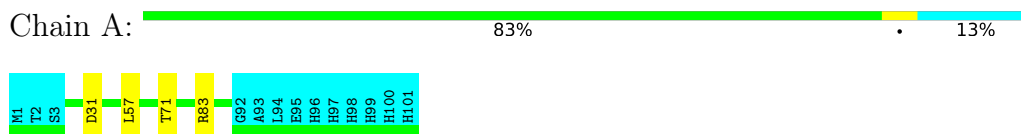


4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

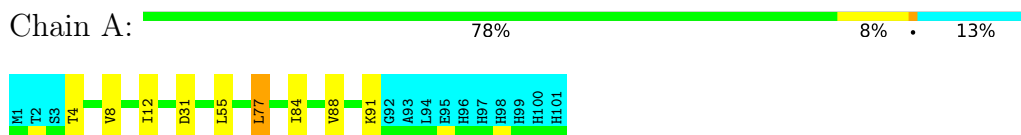
4.2.1 Score per residue for model 1 (medoid)

- Molecule 1: Specialized acyl carrier protein



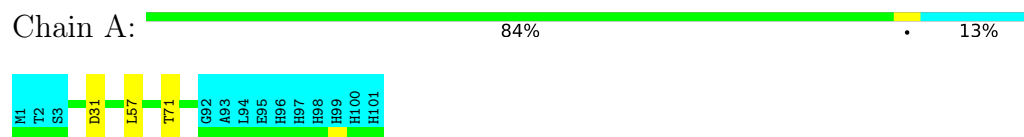
4.2.2 Score per residue for model 2

- Molecule 1: Specialized acyl carrier protein



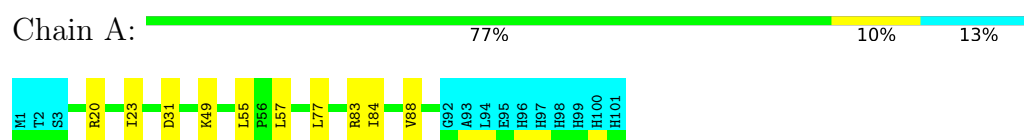
4.2.3 Score per residue for model 3

- Molecule 1: Specialized acyl carrier protein



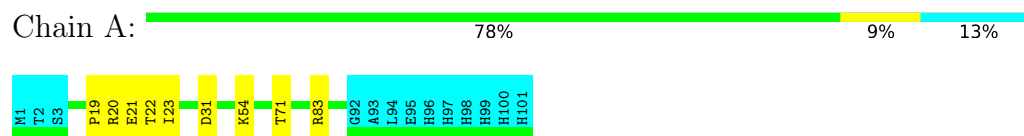
4.2.4 Score per residue for model 4

- Molecule 1: Specialized acyl carrier protein



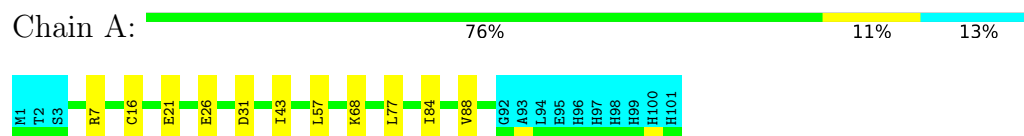
4.2.5 Score per residue for model 5

- Molecule 1: Specialized acyl carrier protein



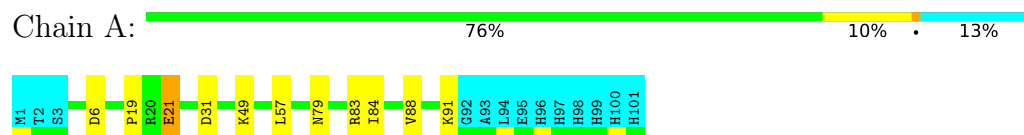
4.2.6 Score per residue for model 6

- Molecule 1: Specialized acyl carrier protein



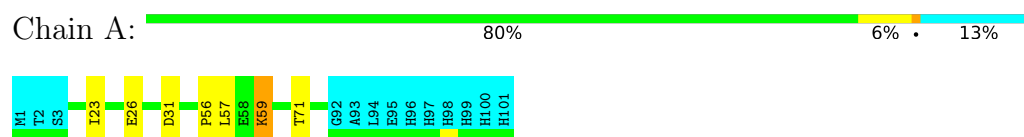
4.2.7 Score per residue for model 7

- Molecule 1: Specialized acyl carrier protein



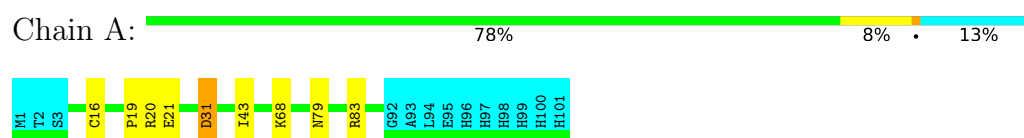
4.2.8 Score per residue for model 8

- Molecule 1: Specialized acyl carrier protein



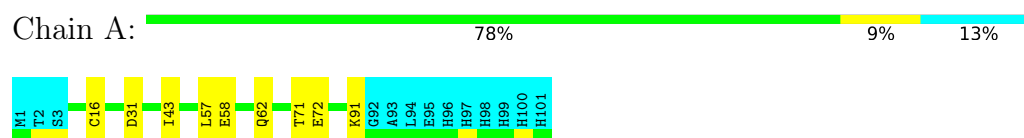
4.2.9 Score per residue for model 9

- Molecule 1: Specialized acyl carrier protein



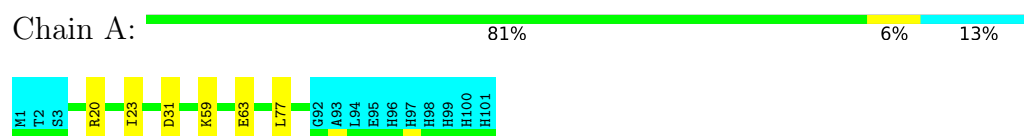
4.2.10 Score per residue for model 10

- Molecule 1: Specialized acyl carrier protein



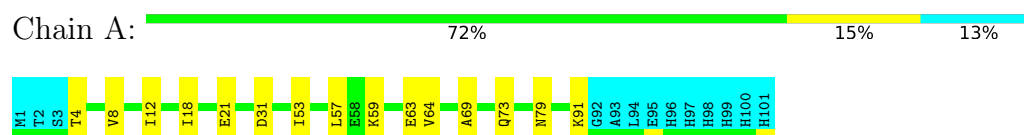
4.2.11 Score per residue for model 11

- Molecule 1: Specialized acyl carrier protein



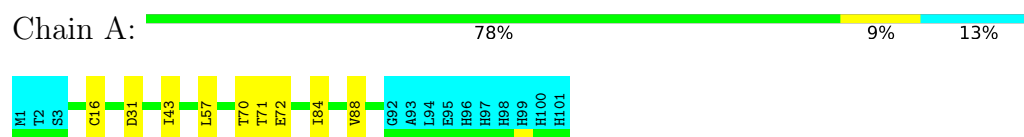
4.2.12 Score per residue for model 12

- Molecule 1: Specialized acyl carrier protein



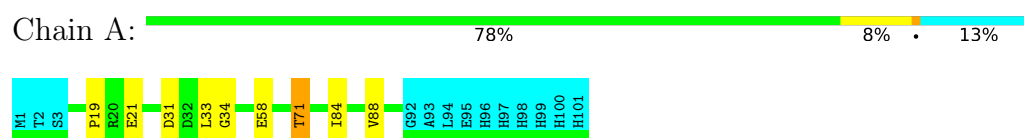
4.2.13 Score per residue for model 13

- Molecule 1: Specialized acyl carrier protein



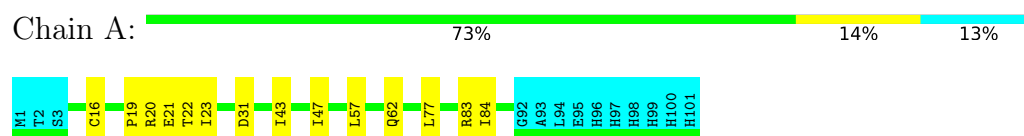
4.2.14 Score per residue for model 14

- Molecule 1: Specialized acyl carrier protein



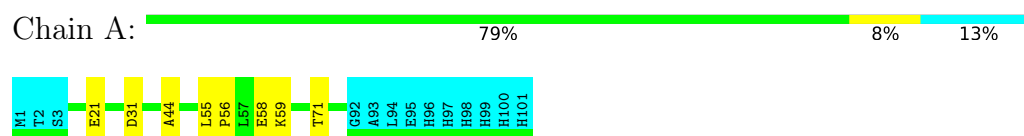
4.2.15 Score per residue for model 15

- Molecule 1: Specialized acyl carrier protein



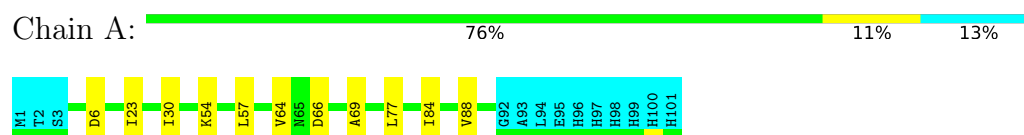
4.2.16 Score per residue for model 16

- Molecule 1: Specialized acyl carrier protein



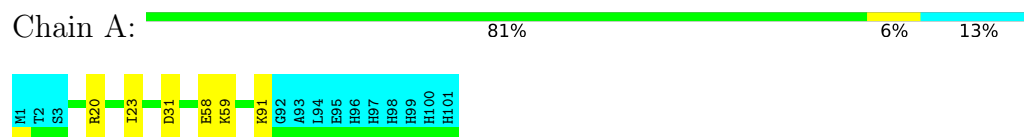
4.2.17 Score per residue for model 17

- Molecule 1: Specialized acyl carrier protein



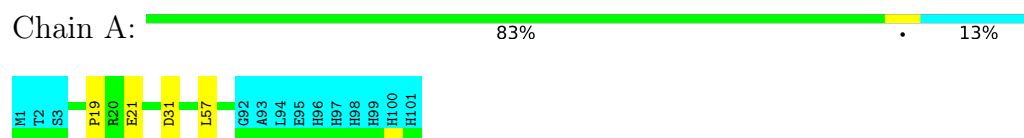
4.2.18 Score per residue for model 18

- Molecule 1: Specialized acyl carrier protein



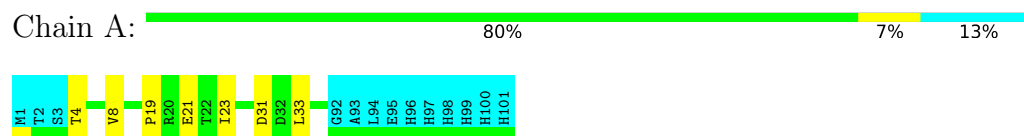
4.2.19 Score per residue for model 19

- Molecule 1: Specialized acyl carrier protein



4.2.20 Score per residue for model 20

- Molecule 1: Specialized acyl carrier protein



5 Refinement protocol and experimental data overview

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

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

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

Software name	Classification	Version
CYANA	structure calculation	3.98.13
CNS	refinement	1.3

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

Chemical shift file(s)	working_cs.cif
Number of chemical shift lists	1
Total number of shifts	1228
Number of shifts mapped to atoms	1228
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	96%

6 Model quality [i](#)

6.1 Standard geometry [i](#)

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

Mol	Chain	Bond lengths		Bond angles	
		RMSZ	#Z>5	RMSZ	#Z>5
1	A	1.26±0.03	0±0/701 (0.0± 0.0%)	1.10±0.02	0±0/954 (0.0± 0.0%)
All	All	1.26	2/14020 (0.0%)	1.10	0/19080 (0.0%)

All unique bond outliers are listed below.

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)	Models	
								Worst	Total
1	A	23	ILE	CA-CB	5.73	1.59	1.53	8	2

There are no bond-angle outliers.

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts [i](#)

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

Mol	Chain	Non-H	H(model)	H(added)	Clashes
1	A	689	689	688	2±1
All	All	13780	13780	13760	45

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

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

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:16:CYS:SG	1:A:43:ILE:HD11	0.53	2.43	15	5

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Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:73:GLN:HA	1:A:79:ASN:ND2	0.52	2.20	12	1
1:A:23:ILE:HG12	1:A:33:LEU:HD21	0.51	1.82	20	1
1:A:19:PRO:O	1:A:22:THR:HG22	0.51	2.05	5	2
1:A:19:PRO:HB2	1:A:21:GLU:HG2	0.50	1.82	9	5
1:A:56:PRO:HB2	1:A:59:LYS:HB3	0.48	1.83	16	2
1:A:12:ILE:HG22	1:A:18:ILE:HD11	0.46	1.87	12	1
1:A:79:ASN:O	1:A:83:ARG:HG2	0.46	2.11	7	2
1:A:84:ILE:O	1:A:88:VAL:HG23	0.44	2.12	6	7
1:A:55:LEU:HD21	1:A:84:ILE:HG12	0.44	1.88	2	2
1:A:19:PRO:HB2	1:A:21:GLU:HG3	0.44	1.89	7	1
1:A:64:VAL:HA	1:A:69:ALA:O	0.42	2.14	12	2
1:A:44:ALA:HB1	1:A:55:LEU:HB2	0.42	1.92	16	1
1:A:4:THR:O	1:A:8:VAL:HG23	0.42	2.15	20	3
1:A:20:ARG:HA	1:A:23:ILE:HD12	0.42	1.91	15	4
1:A:20:ARG:HA	1:A:23:ILE:HD13	0.42	1.92	5	1
1:A:59:LYS:O	1:A:63:GLU:HG2	0.41	2.15	11	2
1:A:47:ILE:HG21	1:A:84:ILE:HD13	0.41	1.93	15	1
1:A:12:ILE:HD12	1:A:77:LEU:HD11	0.40	1.93	2	1
1:A:53:ILE:HG22	1:A:91:LYS:HG2	0.40	1.93	12	1

6.3 Torsion angles [i](#)

6.3.1 Protein backbone [i](#)

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

Mol	Chain	Analysed	Favoured	Allowed	Outliers	Percentiles	
1	A	88/101 (87%)	83±1 (95±2%)	4±1 (4±1%)	1±0 (1±0%)	12	60
All	All	1760/2020 (87%)	1666 (95%)	72 (4%)	22 (1%)	12	60

All 4 unique Ramachandran outliers are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	31	ASP	19
1	A	34	GLY	1
1	A	71	THR	1

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Mol	Chain	Res	Type	Models (Total)
1	A	30	ILE	1

6.3.2 Protein sidechains ⓘ

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

Mol	Chain	Analysed	Rotameric	Outliers	Percentiles	
1	A	74/85 (87%)	71±2 (96±2%)	3±2 (4±2%)	27	78
All	All	1480/1700 (87%)	1417 (96%)	63 (4%)	27	78

All 21 unique residues with a non-rotameric sidechain are listed below. They are sorted by the frequency of occurrence in the ensemble.

Mol	Chain	Res	Type	Models (Total)
1	A	57	LEU	12
1	A	71	THR	8
1	A	77	LEU	6
1	A	21	GLU	5
1	A	83	ARG	4
1	A	58	GLU	4
1	A	91	LYS	3
1	A	49	LYS	2
1	A	54	LYS	2
1	A	26	GLU	2
1	A	68	LYS	2
1	A	59	LYS	2
1	A	62	GLN	2
1	A	72	GLU	2
1	A	7	ARG	1
1	A	20	ARG	1
1	A	31	ASP	1
1	A	70	THR	1
1	A	33	LEU	1
1	A	6	ASP	1
1	A	66	ASP	1

6.3.3 RNA [i](#)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

6.6 Ligand geometry [i](#)

There are no ligands in this entry.

6.7 Other polymers [i](#)

There are no such molecules in this entry.

6.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 96% for the well-defined parts and 90% for the entire structure.

7.1 Chemical shift list 1

File name: working_cs.cif

Chemical shift list name: *nef_chemical_shift_list_bmr18263.str*

7.1.1 Bookkeeping

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

Total number of shifts	1228
Number of shifts mapped to atoms	1228
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	1

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction $\pm$ precision, ppm	Suggested action
$^{13}\text{C}_\alpha$	96	-0.60 ± 0.09	Should be checked
$^{13}\text{C}_\beta$	92	0.27 ± 0.09	None needed (< 0.5 ppm)
$^{13}\text{C}'$	92	-0.41 ± 0.12	None needed (< 0.5 ppm)
^{15}N	91	0.28 ± 0.48	None needed (< 0.5 ppm)

7.1.3 Completeness of resonance assignments

The following table shows the completeness of the chemical shift assignments for the well-defined regions of the structure. The overall completeness is 96%, i.e. 1151 atoms were assigned a chemical shift out of a possible 1197. 0 out of 12 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^1H	^{13}C	^{15}N
Backbone	435/437 (100%)	176/176 (100%)	174/176 (99%)	85/85 (100%)
Sidechain	640/681 (94%)	434/444 (98%)	198/218 (91%)	8/19 (42%)

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	Total	¹H	¹³C	¹⁵N
Aromatic	76/79 (96%)	37/39 (95%)	36/37 (97%)	3/3 (100%)
Overall	1151/1197 (96%)	647/659 (98%)	408/431 (95%)	96/107 (90%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 90%, i.e. 1228 atoms were assigned a chemical shift out of a possible 1372. 0 out of 13 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	¹H	¹³C	¹⁵N
Backbone	469/503 (93%)	190/203 (94%)	188/202 (93%)	91/98 (93%)
Sidechain	683/742 (92%)	463/485 (95%)	212/238 (89%)	8/19 (42%)
Aromatic	76/127 (60%)	37/63 (59%)	36/49 (73%)	3/15 (20%)
Overall	1228/1372 (90%)	690/751 (92%)	436/489 (89%)	102/132 (77%)

7.1.4 Statistically unusual chemical shifts ⓘ

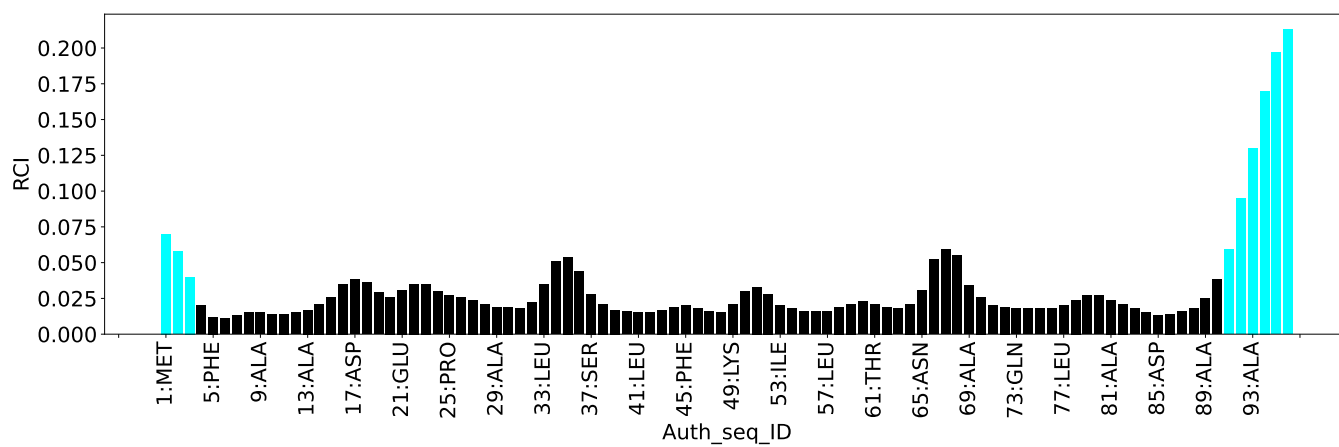
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, ppm	Expected range, ppm	Z-score
1	A	25	PRO	HG2	0.27	0.41 – 3.45	-5.5

7.1.5 Random Coil Index (RCI) plots ⓘ

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

Random coil index (RCI) for chain A:



8 NMR restraints analysis

8.1 Conformationally restricting restraints

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

Description	Value
Total distance restraints	1900
Intra-residue ($ i-j =0$)	471
Sequential ($ i-j =1$)	446
Medium range ($ i-j >1$ and $ i-j <5$)	481
Long range ($ i-j \geq 5$)	408
Inter-chain	0
Hydrogen bond restraints	94
Disulfide bond restraints	0
Total dihedral-angle restraints	144
Number of unmapped restraints	0
Number of restraints per residue	20.2
Number of long range restraints per residue ¹	4.1

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

8.2 Residual restraint violations

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

8.2.1 Average number of distance violations per model

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

Bins (Å)	Average number of violations per model	Max (Å)
0.1-0.2 (Small)	22.4	0.2
0.2-0.5 (Medium)	37.6	0.5
>0.5 (Large)	1.0	0.59

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

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

Bins (°)	Average number of violations per model	Max (°)
1.0-10.0 (Small)	2.9	4.91
10.0-20.0 (Medium)	None	None
>20.0 (Large)	None	None

9 Distance violation analysis ⓘ

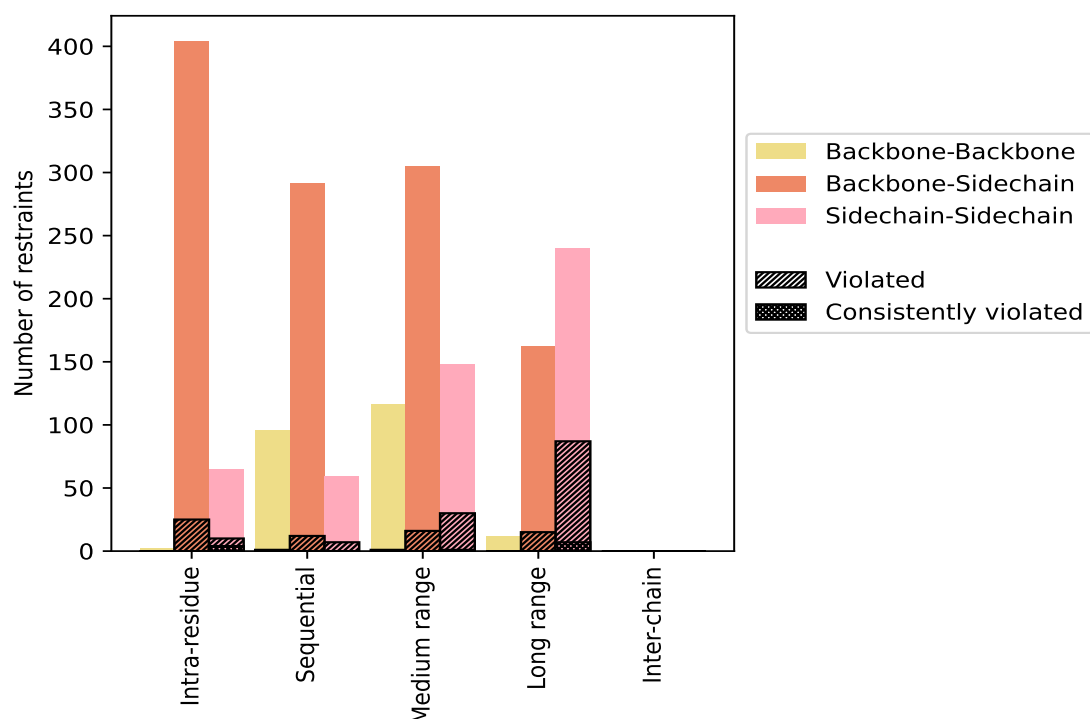
9.1 Summary of distance violations ⓘ

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

Restrains type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
Intra-residue (i-j =0)	471	24.8	35	7.4	1.8	4	0.8	0.2
Backbone-Backbone	2	0.1	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	404	21.3	25	6.2	1.3	0	0.0	0.0
Sidechain-Sidechain	65	3.4	10	15.4	0.5	4	6.2	0.2
Sequential (i-j =1)	446	23.5	20	4.5	1.1	0	0.0	0.0
Backbone-Backbone	96	5.1	1	1.0	0.1	0	0.0	0.0
Backbone-Sidechain	291	15.3	12	4.1	0.6	0	0.0	0.0
Sidechain-Sidechain	59	3.1	7	11.9	0.4	0	0.0	0.0
Medium range (i-j >1 & i-j <5)	481	25.3	47	9.8	2.5	1	0.2	0.1
Backbone-Backbone	116	6.1	1	0.9	0.1	0	0.0	0.0
Backbone-Sidechain	217	11.4	16	7.4	0.8	0	0.0	0.0
Sidechain-Sidechain	148	7.8	30	20.3	1.6	1	0.7	0.1
Long range (i-j ≥5)	408	21.5	102	25.0	5.4	7	1.7	0.4
Backbone-Backbone	12	0.6	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	156	8.2	15	9.6	0.8	0	0.0	0.0
Sidechain-Sidechain	240	12.6	87	36.2	4.6	7	2.9	0.4
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	94	4.9	0	0.0	0.0	0	0.0	0.0
Disulfide bond	0	0.0	0	0.0	0.0	0	0.0	0.0
Total	1900	100.0	204	10.7	10.7	12	0.6	0.6
Backbone-Backbone	226	11.9	2	0.9	0.1	0	0.0	0.0
Backbone-Sidechain	1162	61.2	68	5.9	3.6	0	0.0	0.0
Sidechain-Sidechain	512	26.9	134	26.2	7.1	12	2.3	0.6

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

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



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

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

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

Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
1	10	1	15	34	0	60	0.27	0.47	0.11	0.26
2	8	1	13	49	0	71	0.25	0.53	0.11	0.23
3	10	1	8	34	0	53	0.27	0.48	0.1	0.26
4	8	2	9	40	0	59	0.26	0.5	0.12	0.23
5	10	2	12	43	0	67	0.26	0.57	0.11	0.24
6	10	1	9	41	0	61	0.28	0.54	0.11	0.28
7	7	1	11	34	0	53	0.26	0.46	0.1	0.28
8	11	1	10	38	0	60	0.24	0.45	0.1	0.2
9	9	3	13	47	0	72	0.27	0.53	0.11	0.26
10	12	3	9	41	0	65	0.22	0.46	0.09	0.21

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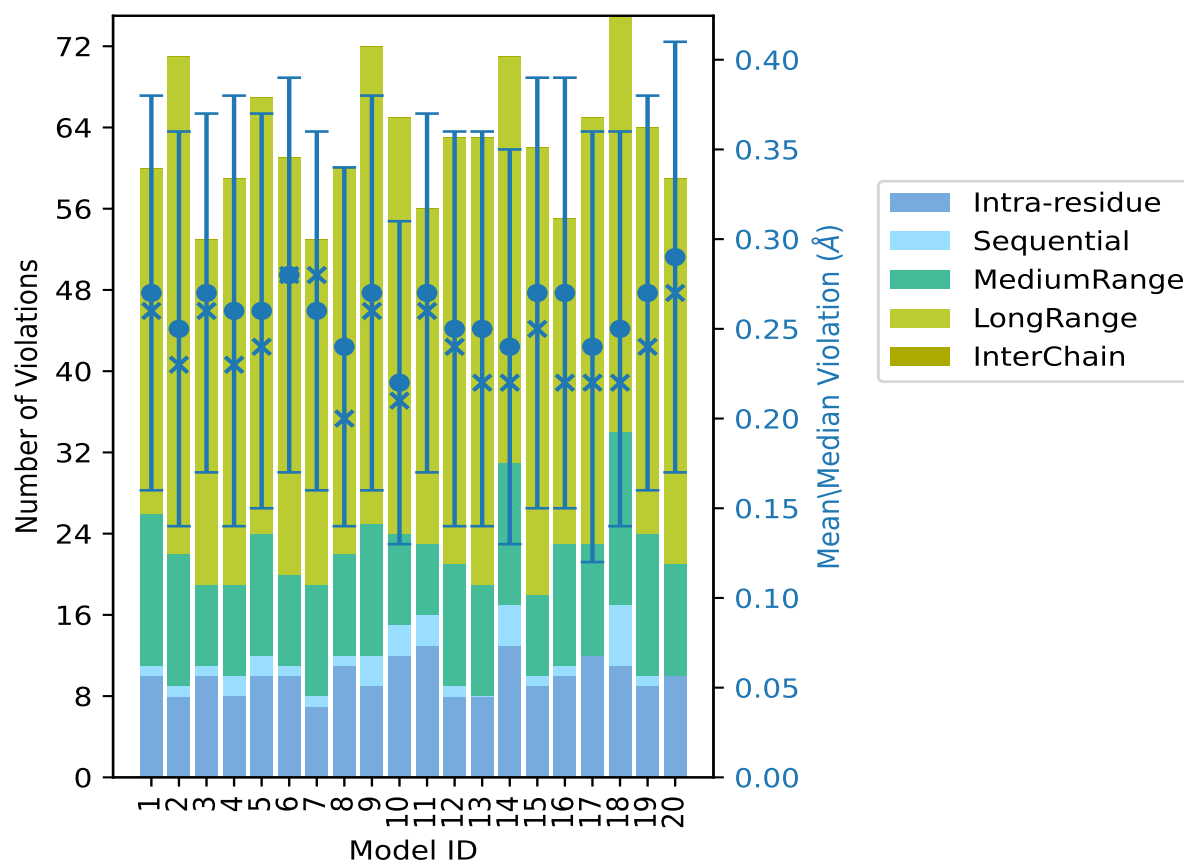
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Model ID	Number of violations						Mean (Å)	Max (Å)	SD ⁶ (Å)	Median (Å)
	IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total				
11	13	3	7	33	0	56	0.27	0.48	0.1	0.26
12	8	1	12	42	0	63	0.25	0.56	0.11	0.24
13	8	0	11	44	0	63	0.25	0.53	0.11	0.22
14	13	4	14	40	0	71	0.24	0.54	0.11	0.22
15	9	1	8	44	0	62	0.27	0.59	0.12	0.25
16	10	1	12	32	0	55	0.27	0.57	0.12	0.22
17	12	0	11	42	0	65	0.24	0.56	0.12	0.22
18	11	6	17	41	0	75	0.25	0.5	0.11	0.22
19	9	1	14	40	0	64	0.27	0.52	0.11	0.24
20	10	0	11	38	0	59	0.29	0.53	0.12	0.27

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

⁵Inter-chain restraints, ⁶Standard deviation

9.2.1 Bar graph : Distance Violation statistics for each model ⓘ



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

9.3 Distance violation statistics for the ensemble

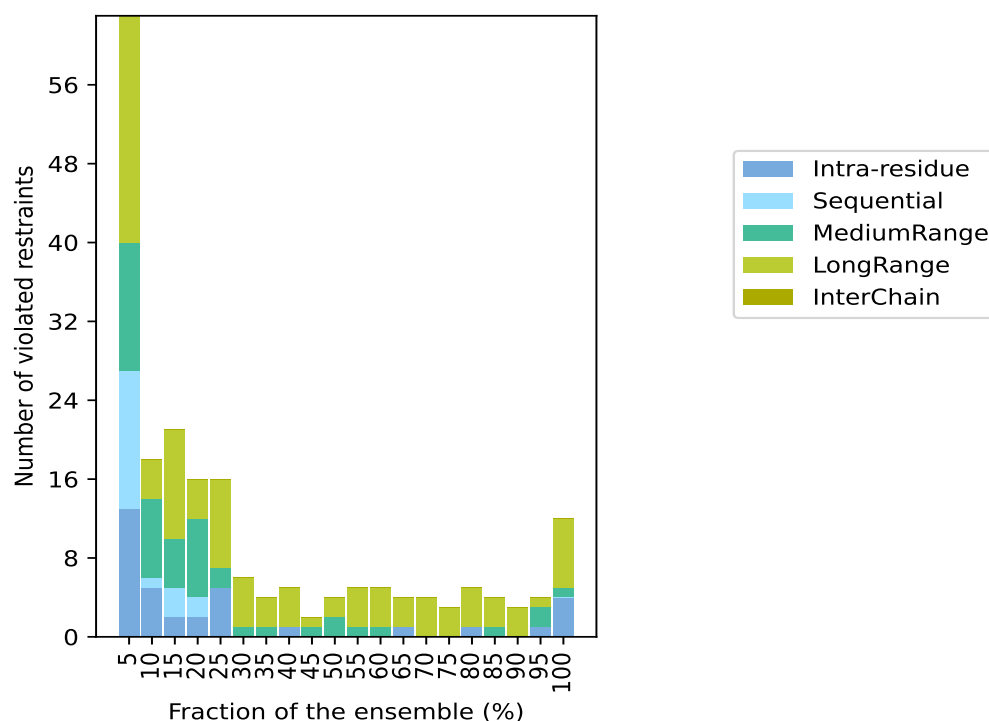
Violation analysis may find that some restraints are violated in few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of the ensemble. In total, 1602(IR:436, SQ:426, MR:434, LR:306, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR ¹	SQ ²	MR ³	LR ⁴	IC ⁵	Total	Count ⁶	%
13	14	13	23	0	63	1	5.0
5	1	8	4	0	18	2	10.0
2	3	5	11	0	21	3	15.0
2	2	8	4	0	16	4	20.0
5	0	2	9	0	16	5	25.0
0	0	1	5	0	6	6	30.0
0	0	1	3	0	4	7	35.0
1	0	0	4	0	5	8	40.0
0	0	1	1	0	2	9	45.0
0	0	2	2	0	4	10	50.0
0	0	1	4	0	5	11	55.0
0	0	1	4	0	5	12	60.0
1	0	0	3	0	4	13	65.0
0	0	0	4	0	4	14	70.0
0	0	0	3	0	3	15	75.0
1	0	0	4	0	5	16	80.0
0	0	1	3	0	4	17	85.0
0	0	0	3	0	3	18	90.0
1	0	2	1	0	4	19	95.0
4	0	1	7	0	12	20	100.0

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

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

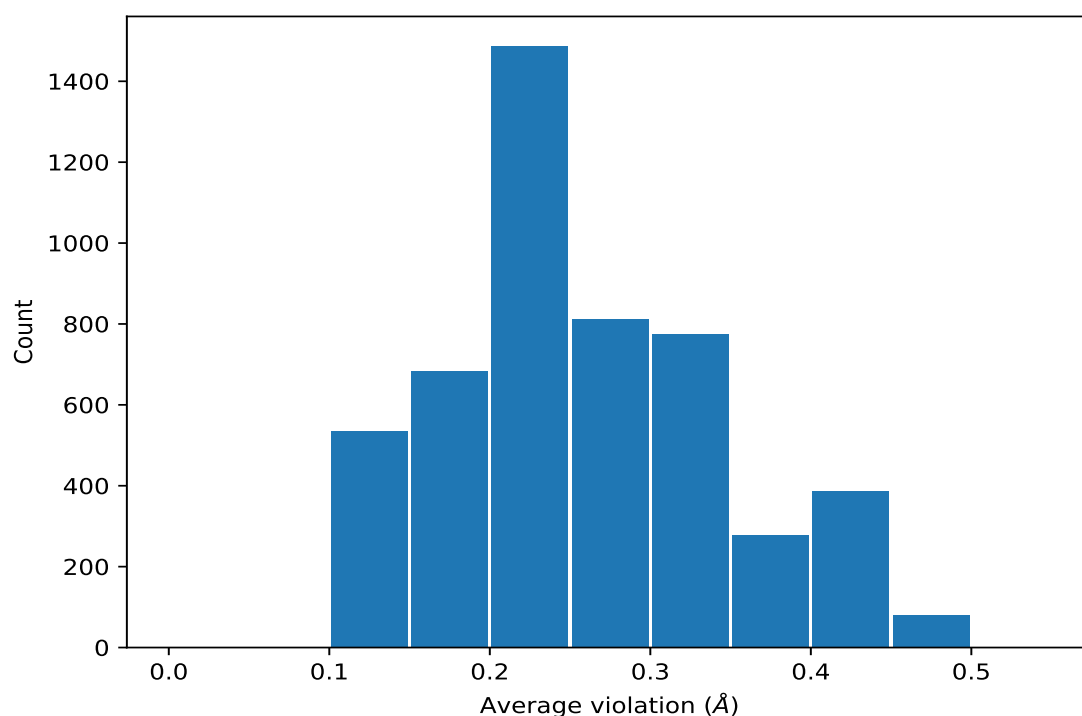
9.3.1 Bar graph : Distance violation statistics for the ensemble [i](#)



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

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

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



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

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

Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.49	0.05	0.48
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.49	0.05	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.44	0.04	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.44	0.04	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.43	0.07	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.43	0.07	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.38	0.05	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.38	0.05	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.37	0.02	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.37	0.02	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.35	0.02	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.35	0.02	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.35	0.02	0.35
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.33	0.11	0.39

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.33	0.11	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.33	0.11	0.39
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.33	0.09	0.33

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.33	0.09	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.33	0.09	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.3	0.07	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.3	0.07	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.3	0.06	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.3	0.06	0.3
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.22	0.01	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.22	0.01	0.22
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.17	0.03	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.17	0.03	0.19

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.4	0.01	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.4	0.01	0.4
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.34	0.06	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.34	0.06	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.28	0.07	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.28	0.07	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.25	0.06	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.25	0.06	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.34	0.08	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.34	0.08	0.32
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.29	0.12	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.29	0.12	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.27	0.07	0.29
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.38	0.07	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.38	0.07	0.38
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.29	0.06	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.29	0.06	0.27
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.24	0.06	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.24	0.06	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.2	0.08	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.2	0.08	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.2	0.08	0.17
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.41	0.12	0.46
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.41	0.12	0.46
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	16	0.3	0.09	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	16	0.3	0.09	0.3
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.28	0.09	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.28	0.09	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.26	0.08	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.26	0.08	0.26
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.26	0.08	0.26
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.23	0.1	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.23	0.1	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	15	0.24	0.08	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	15	0.24	0.08	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	15	0.2	0.04	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	15	0.2	0.04	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.17	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.17	0.04	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.17	0.04	0.16
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.3	0.06	0.32
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.26	0.08	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.26	0.08	0.28
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22	0.06	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22	0.06	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.2	0.07	0.21
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.2	0.07	0.21
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.28	0.06	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.21	0.05	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.21	0.05	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.21	0.05	0.21
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.2	0.05	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.2	0.05	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.2	0.05	0.2
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.15	0.04	0.13
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.35	0.11	0.39

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.35	0.11	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.35	0.11	0.39
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.31	0.1	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.31	0.1	0.29
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.31	0.1	0.29
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.26	0.12	0.26
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.26	0.12	0.26
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	12	0.19	0.03	0.19
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	12	0.14	0.02	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	12	0.14	0.02	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	12	0.14	0.02	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	12	0.14	0.02	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.31	0.11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.31	0.11	0.35
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	11	0.29	0.13	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	11	0.29	0.13	0.24
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	11	0.23	0.07	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	11	0.23	0.07	0.23
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.23	0.06	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.23	0.06	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	11	0.21	0.05	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	11	0.21	0.05	0.22
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	10	0.37	0.06	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	10	0.37	0.06	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.3	0.13	0.27
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.3	0.13	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	10	0.27	0.08	0.25
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	10	0.27	0.08	0.25
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	10	0.23	0.05	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	10	0.23	0.05	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	10	0.23	0.05	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.26	0.09	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.26	0.09	0.23
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	9	0.2	0.06	0.17
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	8	0.29	0.08	0.29
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	8	0.29	0.08	0.29
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	8	0.24	0.08	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	8	0.24	0.08	0.24
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	8	0.24	0.08	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	8	0.19	0.07	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	8	0.19	0.07	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.18	0.05	0.16
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.18	0.05	0.16
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	8	0.16	0.05	0.14
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	8	0.16	0.05	0.14

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WORLDWIDE
PDB
PROTEIN DATA BANK

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	7	0.2	0.07	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	7	0.2	0.07	0.23
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.18	0.07	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.18	0.07	0.15
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	7	0.14	0.04	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	7	0.14	0.04	0.12
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	6	0.24	0.08	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	6	0.23	0.1	0.2
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	6	0.23	0.1	0.2
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	6	0.22	0.05	0.22
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	6	0.21	0.07	0.21
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	6	0.21	0.07	0.21
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	6	0.2	0.02	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	6	0.2	0.02	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.19	0.04	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.19	0.04	0.19
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	5	0.23	0.03	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	5	0.23	0.03	0.21
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	5	0.23	0.02	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	5	0.23	0.02	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	5	0.23	0.02	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	5	0.23	0.02	0.22
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	5	0.21	0.08	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	5	0.21	0.08	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	5	0.21	0.03	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	5	0.21	0.03	0.21
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	5	0.21	0.08	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	5	0.21	0.08	0.24
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	5	0.2	0.08	0.17

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	5	0.2	0.08	0.17
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	5	0.2	0.03	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	5	0.2	0.03	0.21
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.18	0.05	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.18	0.05	0.15
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	5	0.17	0.04	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	5	0.17	0.04	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	5	0.17	0.04	0.14
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	5	0.17	0.05	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	5	0.17	0.05	0.16
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	5	0.15	0.04	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	5	0.15	0.04	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	5	0.15	0.04	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	5	0.15	0.04	0.14
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	5	0.14	0.03	0.13
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	5	0.14	0.03	0.13
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	5	0.14	0.03	0.13
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	5	0.14	0.03	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	5	0.13	0.01	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	5	0.13	0.01	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	5	0.13	0.01	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	5	0.12	0.01	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	5	0.12	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.11	0.01	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.11	0.01	0.11
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	4	0.4	0.04	0.4
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	4	0.4	0.04	0.4
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	4	0.35	0.12	0.36
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	4	0.35	0.12	0.36
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.26	0.04	0.26
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.26	0.04	0.26
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.24	0.06	0.24

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.24	0.06	0.24
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.24	0.06	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	4	0.22	0.06	0.23
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	4	0.22	0.06	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	4	0.21	0.04	0.2
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	4	0.21	0.04	0.2
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	4	0.21	0.09	0.21
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	4	0.21	0.09	0.21
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.19	0.03	0.2
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	4	0.18	0.04	0.2
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	4	0.18	0.04	0.2
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	4	0.18	0.04	0.2
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	4	0.18	0.04	0.2

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	4	0.18	0.1	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	4	0.18	0.1	0.12
(1,483)	1:19:A:PRO:HB3	1:22:A:THR:H	4	0.16	0.03	0.17
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	4	0.16	0.03	0.16
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	4	0.14	0.02	0.13
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	4	0.14	0.02	0.13
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	4	0.14	0.02	0.13
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	4	0.14	0.02	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	4	0.14	0.02	0.14
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	4	0.14	0.02	0.14
(1,1573)	1:74:A:TYR:HA	1:76:A:VAL:HB	4	0.13	0.03	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	4	0.12	0.02	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	4	0.12	0.02	0.12
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	4	0.12	0.02	0.12
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	3	0.41	0.08	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	3	0.41	0.08	0.37
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.35	0.06	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.35	0.06	0.36
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	3	0.29	0.13	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	3	0.29	0.13	0.32
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	3	0.27	0.06	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	3	0.26	0.04	0.28
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	3	0.24	0.2	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	3	0.24	0.2	0.11
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	3	0.23	0.03	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	3	0.23	0.03	0.23
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	3	0.23	0.07	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	3	0.23	0.07	0.24
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	3	0.22	0.14	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	3	0.22	0.14	0.13
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	3	0.21	0.01	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	3	0.21	0.01	0.21
(1,1180)	1:53:A:ILE:HG12	1:54:A:LYS:H	3	0.21	0.04	0.22
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	3	0.2	0.05	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	3	0.2	0.05	0.19
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	3	0.19	0.08	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	3	0.19	0.08	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	3	0.18	0.04	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	3	0.18	0.04	0.16
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	3	0.18	0.1	0.12

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	3	0.18	0.1	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	3	0.18	0.1	0.12
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	3	0.16	0.05	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	3	0.16	0.05	0.16
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	3	0.15	0.04	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	3	0.15	0.04	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	3	0.15	0.04	0.14
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	3	0.14	0.05	0.11

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	3	0.14	0.05	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	3	0.14	0.05	0.11
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	3	0.14	0.03	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	3	0.14	0.03	0.13
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	3	0.13	0.01	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	3	0.13	0.01	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	3	0.13	0.01	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	3	0.13	0.01	0.12
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	3	0.11	0.01	0.11

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	3	0.11	0.01	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	3	0.11	0.01	0.11
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.41	0.01	0.41
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.41	0.01	0.41
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	2	0.24	0.02	0.24
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	2	0.24	0.02	0.24
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	2	0.22	0.04	0.22
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	2	0.22	0.04	0.22
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	2	0.18	0.04	0.18
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	2	0.18	0.04	0.18
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	2	0.18	0.04	0.18
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	2	0.18	0.04	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	2	0.18	0.0	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	2	0.18	0.0	0.18
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	2	0.16	0.04	0.16

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	2	0.16	0.04	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	2	0.16	0.02	0.16
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	2	0.16	0.02	0.16
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	2	0.15	0.04	0.15
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	2	0.15	0.04	0.15
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	2	0.14	0.03	0.14
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	2	0.14	0.03	0.14

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Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	2	0.13	0.01	0.13
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	2	0.13	0.01	0.13
(1,1350)	1:60:A:TRP:H	1:60:A:TRP:HE3	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	2	0.12	0.02	0.12

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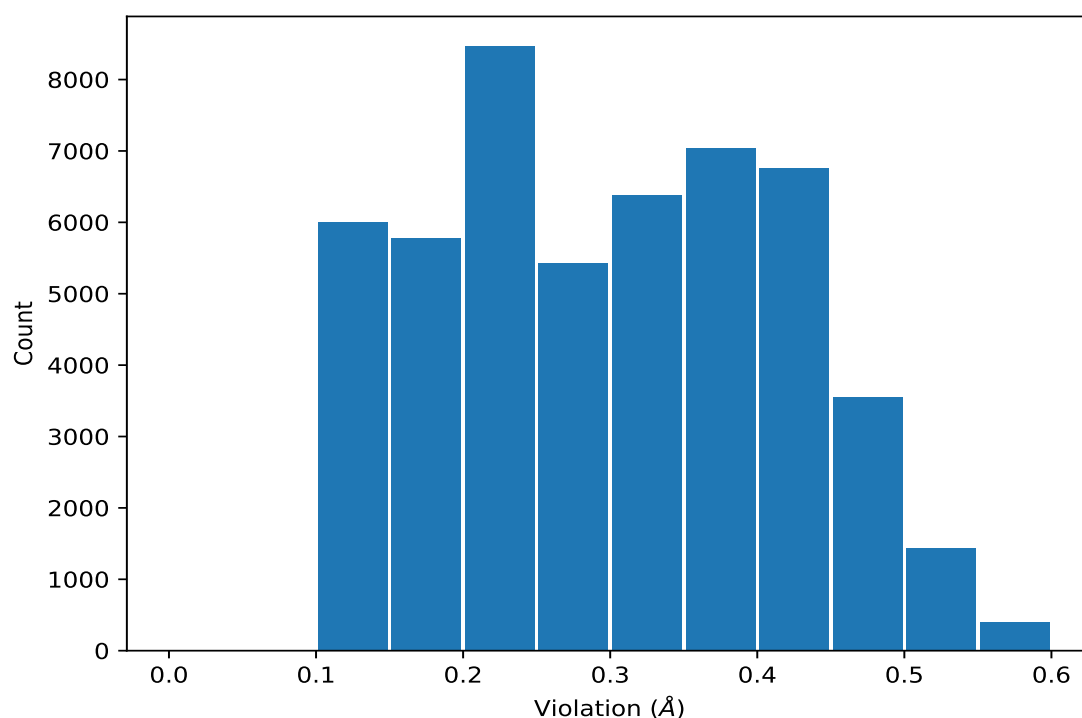
Key	Atom-1	Atom-2	Models ¹	Mean (Å)	SD ¹ (Å)	Median (Å)
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	2	0.12	0.02	0.12
(1,1346)	1:60:A:TRP:HH2	1:83:A:ARG:HB2	2	0.12	0.01	0.12
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	2	0.12	0.01	0.12
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	2	0.12	0.01	0.12
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	2	0.12	0.01	0.12
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	2	0.12	0.01	0.12
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	2	0.11	0.0	0.11
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	2	0.11	0.0	0.11
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	2	0.11	0.0	0.11
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11	0.0	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11	0.0	0.11
(1,1861)	1:91:A:LYS:HG3	1:93:A:ALA:H	2	0.11	0.0	0.11
(1,1147)	1:51:A:PHE:H	1:53:A:ILE:HG13	2	0.1	0.0	0.1

¹Number of violated models, ²Standard deviation

9.5 All violated distance restraints [i](#)

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

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



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

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

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	15	0.59
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	15	0.59
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	16	0.57
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	16	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	5	0.57
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	5	0.57
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	17	0.56
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	17	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	12	0.56
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	12	0.56
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	6	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	6	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	14	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	14	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	14	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	15	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	15	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	15	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	17	0.54
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	17	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	6	0.54
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	6	0.54
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	13	0.53
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	13	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	20	0.53
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	20	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.53
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	2	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	9	0.53
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	9	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	16	0.53
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	16	0.53
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	13	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	13	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	19	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	19	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	20	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	20	0.52
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	20	0.52

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	20	0.52
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	20	0.52
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.51
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	16	0.51
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	14	0.5
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	14	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.5
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	4	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	18	0.5
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	18	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	17	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	17	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	20	0.5
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	20	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	2	0.5
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	2	0.5
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	19	0.49
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	19	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	9	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	9	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.49
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	14	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB1	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB2	1:30:A:ILE:HD13	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD11	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD12	5	0.49
(1,707)	1:29:A:ALA:HB3	1:30:A:ILE:HD13	5	0.49
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	15	0.48
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	15	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.48
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	11	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	4	0.48
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	4	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	3	0.48
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	3	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	20	0.48
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	20	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	18	0.48
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	18	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	20	0.48
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	20	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	3	0.48
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	3	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	4	0.48
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	4	0.48
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	15	0.47
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	15	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	1	0.47
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	6	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.47
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	13	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	17	0.47
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	17	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	4	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	4	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	5	0.47
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	5	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	14	0.47
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	14	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	4	0.47
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	4	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	1	0.47
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	1	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	16	0.47
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	16	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	9	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	9	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	9	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	15	0.47

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	15	0.47
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	15	0.47
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	19	0.46
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	19	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.46
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	3	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	3	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	10	0.46
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	10	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	13	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	13	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	19	0.46
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	19	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	17	0.46
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	17	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	11	0.46
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	11	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	7	0.46
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	7	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	12	0.46
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	12	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	16	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	16	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	17	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	17	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	20	0.46
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	20	0.46
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	19	0.45
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	4	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	4	0.45
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	4	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	8	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	15	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.45
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	19	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	8	0.45
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	8	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	15	0.45
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	15	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.45
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	12	0.45
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	12	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD1	1:57:A:LEU:HD13	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD11	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD12	16	0.45
(1,894)	1:40:A:PHE:HD2	1:57:A:LEU:HD13	16	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	9	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	9	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	9	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	17	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	17	0.45
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	17	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	1	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	1	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	6	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	6	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	7	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	7	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	13	0.45
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	13	0.45
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	12	0.44
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	12	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	6	0.44
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	6	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	13	0.44
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	13	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	1	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	1	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	11	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	11	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	12	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	12	0.44
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	12	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	14	0.44
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	14	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	2	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	2	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	2	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	4	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	4	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	18	0.44
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	18	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	5	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	5	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	20	0.44
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	20	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	9	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	9	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	14	0.44
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	14	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	16	0.44
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	16	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	18	0.44
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	18	0.44
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.43
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	20	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	20	0.43
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	20	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	6	0.43
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	6	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	13	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	13	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	15	0.43
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	15	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	9	0.43
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	9	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	13	0.43
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	13	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	9	0.43
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	9	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	8	0.43
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	8	0.43
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.42
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	1	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	1	0.42
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	1	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	5	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	5	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	20	0.42
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	20	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	2	0.42
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	2	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.42
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	20	0.42
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	20	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	13	0.42
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	13	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.42
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	15	0.42
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	15	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	8	0.42
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	8	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG21	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG22	1:25:A:PRO:HD3	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.42
(1,579)	1:24:A:THR:HG23	1:25:A:PRO:HD3	11	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	10	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	10	0.42
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	10	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	18	0.42
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	18	0.42
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	9	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	4	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	4	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	18	0.42
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	18	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	5	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	5	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	12	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	12	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	14	0.42
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	14	0.42
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	16	0.41
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	16	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	9	0.41
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	9	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	9	0.41
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	9	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	8	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	8	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	8	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	11	0.41
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	11	0.41
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	11	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	5	0.41
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	5	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	3	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	3	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	6	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	6	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	10	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	10	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	14	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	14	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	16	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	16	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	17	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	17	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	18	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	18	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	19	0.41
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	19	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	14	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	14	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	18	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	18	0.41
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	18	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	3	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	3	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	3	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	11	0.41

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	11	0.41
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	11	0.41
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	3	0.4
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	3	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG21	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG22	1:75:A:PHE:HD2	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD1	1	0.4
(1,1530)	1:71:A:THR:HG23	1:75:A:PHE:HD2	1	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	18	0.4
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	18	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	4	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	4	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	12	0.4
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	12	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	2	0.4
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	16	0.4
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	16	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	15	0.4
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	15	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	6	0.4
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	6	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	1	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	1	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	9	0.4
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	9	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	18	0.4
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	18	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	12	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	12	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	15	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	15	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	19	0.4
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	19	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	1	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	1	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	14	0.4
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	14	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	4	0.4
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	4	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD12	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD13	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.4
(1,872)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	2	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	2	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	4	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	4	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	7	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	7	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	8	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	8	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	9	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	9	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	11	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	11	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	12	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	12	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	13	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	13	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	15	0.4
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	15	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	6	0.4
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	6	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	20	0.4
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	20	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	2	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	2	0.4
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	2	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	5	0.4
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	5	0.4
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	6	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	12	0.4
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	12	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	10	0.4
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	10	0.4
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	9	0.39
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	9	0.39
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.39
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.39
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	4	0.39
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	4	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	6	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	6	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	19	0.39
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	19	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	3	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	3	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	18	0.39
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	18	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	6	0.39
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	6	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	7	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.39
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	1	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	1	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG21	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG22	1:30:A:ILE:HD13	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD11	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD12	20	0.39
(1,746)	1:30:A:ILE:HG23	1:30:A:ILE:HD13	20	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	9	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	9	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	19	0.39
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	19	0.39
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	19	0.39
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	19	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	1	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	1	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	6	0.39
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	6	0.39
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	7	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	20	0.38
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	2	0.38
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	2	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	11	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	11	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	14	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	14	0.38
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	14	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	5	0.38
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	5	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	2	0.38
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	2	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD11	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD12	1:84:A:ILE:HG23	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG21	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG22	7	0.38
(1,1171)	1:53:A:ILE:HD13	1:84:A:ILE:HG23	7	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.38
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	2	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	2	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	10	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	10	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	17	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	17	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	18	0.38
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	18	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	2	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	2	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	6	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	6	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	6	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	20	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	20	0.38
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	20	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.38
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	1	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	1	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	11	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	11	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	16	0.38
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	16	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	3	0.38
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	3	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	8	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	8	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	15	0.38
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	15	0.38
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	8	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	8	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	14	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	14	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	18	0.37
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	18	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	2	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	2	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	20	0.37
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	20	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	19	0.37
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	19	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	1	0.37
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	1	0.37
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	12	0.37
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	12	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	17	0.37
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	17	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	5	0.37
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	5	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	7	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	7	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	11	0.37
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	11	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	1	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	1	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	3	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	3	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	18	0.37
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	18	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	10	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	10	0.37
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	10	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	14	0.37
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	14	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	4	0.37
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	4	0.37
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	4	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	15	0.37
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	15	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	3	0.37
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	3	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	7	0.37
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	7	0.37
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	10	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	10	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	10	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	11	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	11	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	11	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	13	0.36
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	13	0.36
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	13	0.36
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	10	0.36
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	10	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	7	0.36
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	7	0.36
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	2	0.36
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	2	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	7	0.36
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	7	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	16	0.36
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	8	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	8	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	16	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	16	0.36
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	16	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	7	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	7	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	7	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	13	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	13	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	14	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	14	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	17	0.36
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	17	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	2	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	2	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	7	0.36
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	7	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	4	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.36
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	9	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	5	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	5	0.36
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	5	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	11	0.36
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	11	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	5	0.36
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	5	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	2	0.36
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	2	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	20	0.36
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	20	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	7	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	7	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	8	0.36
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	8	0.36
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	2	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	2	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	5	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	5	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	19	0.35
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	19	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	7	0.35
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	7	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	6	0.35
(1,1545)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	6	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	3	0.35
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	3	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.35
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	1	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	5	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	8	0.35
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	8	0.35
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	6	0.35
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	6	0.35
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	6	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	12	0.35
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	12	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	4	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.35
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG21	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG22	1:84:A:ILE:HD13	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD11	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD12	3	0.35
(1,1047)	1:47:A:ILE:HG23	1:84:A:ILE:HD13	3	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	9	0.35
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	9	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	1	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	1	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	8	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	8	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	11	0.35
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	11	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	19	0.35
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	19	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	7	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	7	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	9	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	9	0.35
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	9	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	15	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	18	0.35
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	18	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	5	0.35
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	5	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	11	0.35
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	11	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	14	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	14	0.35
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	14	0.35
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	18	0.35
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	18	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	13	0.35
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	13	0.35
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	3	0.34
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	3	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	6	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	6	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	6	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	12	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	12	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	12	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	12	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	17	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	17	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	20	0.34
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	20	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	9	0.34
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	9	0.34
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	16	0.34
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	16	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.34
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	5	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	1	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	1	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	5	0.34
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	5	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	18	0.34
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	18	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	13	0.34
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.34
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	10	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	10	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	11	0.34
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	11	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	15	0.34
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	15	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB1	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB2	1:55:A:LEU:HB3	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB2	9	0.34
(1,975)	1:44:A:ALA:HB3	1:55:A:LEU:HB3	9	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	8	0.34
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	8	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	19	0.34
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	19	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	7	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	7	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	18	0.34
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	18	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	2	0.34
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	2	0.34
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	4	0.34
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	4	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	15	0.34
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	15	0.34
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	1	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	1	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	3	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	3	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	15	0.33
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	15	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	19	0.33
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	19	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	8	0.33
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	8	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	20	0.33
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	20	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	7	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	7	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	17	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	17	0.33
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	17	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	1	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	7	0.33
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	7	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	13	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	15	0.33
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	15	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	10	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	10	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	19	0.33
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	19	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	15	0.33
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	15	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	16	0.33
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	16	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.33
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	9	0.33
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	9	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	16	0.33
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	16	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	18	0.33
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	18	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation ($\text{\AA}$)
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	2	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	2	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG23	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG21	1:40:A:PHE:HD2	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD1	9	0.33
(1,829)	1:35:A:Ile:HG22	1:40:A:PHE:HD2	9	0.33
(1,826)	1:35:A:Ile:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:Ile:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:Ile:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:Ile:HG22	1:40:A:PHE:HB3	8	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.33
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	8	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	2	0.33
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	2	0.33
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	8	0.33
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	8	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	9	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	13	0.33
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	13	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	7	0.33
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	7	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	6	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	6	0.33
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	6	0.33
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	6	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	13	0.33
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	13	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	12	0.33
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	12	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	4	0.33
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	4	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	9	0.33
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	9	0.33
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	8	0.32
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	8	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	4	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	4	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG22	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD11	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD12	7	0.32
(1,1756)	1:84:A:ILE:HG23	1:84:A:ILE:HD13	7	0.32
(1,1756)	1:84:A:ILE:HG21	1:84:A:ILE:HD11	7	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	17	0.32
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	17	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	15	0.32
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	15	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	1	0.32
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	1	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	15	0.32
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	15	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	4	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	9	0.32
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	9	0.32
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	3	0.32
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	3	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	16	0.32
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	16	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	9	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	9	0.32
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	9	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	8	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	11	0.32
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	11	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	11	0.32
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	11	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	18	0.32
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	18	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	20	0.32
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	20	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG21	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG22	1:47:A:ILE:HD13	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD11	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD12	8	0.32
(1,1035)	1:47:A:ILE:HG23	1:47:A:ILE:HD13	8	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	5	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.32
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	18	0.32
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	20	0.32
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	20	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	13	0.32
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	13	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	16	0.32
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	16	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	19	0.32
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	19	0.32
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	19	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	20	0.32
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	20	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	5	0.32
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	5	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG21	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG22	1:84:A:ILE:HD13	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD11	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD12	19	0.32
(1,250)	1:8:A:VAL:HG23	1:84:A:ILE:HD13	19	0.32
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	4	0.31
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	4	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	2	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	7	0.31
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	7	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	17	0.31
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	17	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	2	0.31
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	2	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	11	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	14	0.31
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	14	0.31
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	13	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	13	0.31
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	13	0.31
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	2	0.31
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	2	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	9	0.31
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	9	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	20	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	20	0.31
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	20	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.31
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	3	0.31
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	3	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	12	0.31
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	12	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	3	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.31
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	19	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	6	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	6	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	11	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	20	0.31
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	20	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	14	0.31
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	14	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	2	0.31
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	2	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	5	0.31
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	5	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	11	0.31
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	11	0.31
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	11	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	2	0.31
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	2	0.31
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	2	0.31
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	2	0.31
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	2	0.31
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	2	0.31
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	2	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	6	0.31

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	6	0.31
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	6	0.31
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	1	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	1	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	11	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	11	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	19	0.3
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	19	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	17	0.3
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	10	0.3
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	10	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	18	0.3
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	18	0.3
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	1	0.3
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	1	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	12	0.3
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	12	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	3	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	3	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	10	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	10	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	18	0.3
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	18	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	4	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	6	0.3
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	6	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	1	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	1	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	8	0.3
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	8	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	16	0.3
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	16	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	1	0.3
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	1	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	3	0.3
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	3	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	1	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	1	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	7	0.3
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	7	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	10	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	13	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.3
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	14	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	5	0.3
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	5	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	8	0.3
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	8	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	12	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	12	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	20	0.3
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	20	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	9	0.3
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	9	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	1	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	1	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	15	0.3
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	15	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	12	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	12	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	18	0.3
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	18	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	10	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	10	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG21	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG22	1:46:A:ALA:HB3	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB1	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB2	11	0.3
(1,332)	1:11:A:ILE:HG23	1:46:A:ALA:HB3	11	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	14	0.3
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	14	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	7	0.3
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	7	0.3
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	20	0.29

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Key	Atom-1	Atom-2	Model ID	Violation ($\text{\AA}$)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	20	0.29
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	20	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	11	0.29
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	11	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	16	0.29
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	16	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	19	0.29
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	19	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	18	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	18	0.29
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	18	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	9	0.29
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	9	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	17	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	17	0.29
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	17	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	6	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	13	0.29
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	13	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	15	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	19	0.29
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	19	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	14	0.29
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	14	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	3	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	3	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	5	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	5	0.29
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	5	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	15	0.29
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	15	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	14	0.29
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	14	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	6	0.29
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	6	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	13	0.29
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	13	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	12	0.29
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	12	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	15	0.29
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	15	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	7	0.29
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	7	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	3	0.29
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	3	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	7	0.29
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	7	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	3	0.29
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	3	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	1	0.29
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	1	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	6	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	6	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	9	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	9	0.29
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	9	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	18	0.29
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	18	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	6	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	6	0.29
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	6	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	14	0.29
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	14	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	10	0.29

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	10	0.29
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	10	0.29
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	14	0.28
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	14	0.28
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	14	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	14	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	5	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	5	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	6	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	6	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	10	0.28
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	10	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	18	0.28
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	18	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	5	0.28
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	5	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	19	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	19	0.28
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	19	0.28
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	15	0.28
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	15	0.28
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	14	0.28
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	14	0.28
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	14	0.28
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	7	0.28
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	7	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	15	0.28
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	15	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	12	0.28
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	12	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	11	0.28
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	11	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG21	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG22	1:23:A:ILE:HD13	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD11	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD12	3	0.28
(1,536)	1:22:A:THR:HG23	1:23:A:ILE:HD13	3	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	6	0.28
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	6	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	8	0.28
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	8	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	2	0.28
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	2	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	4	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	4	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	5	0.28
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	5	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	13	0.28
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	13	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	6	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	6	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	6	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	6	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	6	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	6	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	6	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	6	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	6	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	15	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	15	0.28
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	15	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	9	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	9	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	20	0.28
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	20	0.28
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	14	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	14	0.27
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	14	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	16	0.27
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	16	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	9	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	11	0.27
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	11	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	10	0.27
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	10	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	17	0.27
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	17	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	12	0.27
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	12	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	20	0.27
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	20	0.27
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	19	0.27
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	19	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	20	0.27
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	20	0.27
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	18	0.27
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	18	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	2	0.27
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	2	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	3	0.27
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	3	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	2	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	2	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	12	0.27
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	12	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	2	0.27
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	2	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	3	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	3	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	17	0.27
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	17	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	13	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	13	0.27
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	13	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	12	0.27
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	12	0.27
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	12	0.27

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	12	0.27
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD21	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD22	1	0.26
(1,1895)	1:94:A:LEU:H	1:94:A:LEU:HD23	1	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	3	0.26
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	3	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	13	0.26
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	13	0.26
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	10	0.26
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	10	0.26
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	10	0.26
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	10	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	17	0.26
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	17	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	3	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	3	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	13	0.26
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	13	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	17	0.26
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	17	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG11	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG21	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG12	1:71:A:THR:HG23	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG21	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG22	2	0.26
(1,1441)	1:64:A:VAL:HG13	1:71:A:THR:HG23	2	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	12	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	12	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	12	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	19	0.26
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	19	0.26
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	8	0.26
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	8	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	9	0.26
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	9	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	20	0.26
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	20	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	9	0.26
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	9	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	7	0.26
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	7	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD21	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD22	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD23	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD21	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD22	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD23	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD21	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD22	14	0.26
(1,802)	1:33:A:LEU:H	1:33:A:LEU:HD23	14	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	9	0.26
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	9	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	3	0.26
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	3	0.26
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	10	0.26
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	10	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	1	0.26
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	1	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	2	0.26
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	2	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	1	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	1	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	9	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	9	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	19	0.26
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	19	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	5	0.26
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	5	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	16	0.26
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	16	0.26
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	3	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	3	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	4	0.25
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	4	0.25
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	6	0.25
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	6	0.25
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	6	0.25
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	6	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	5	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	5	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	12	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	12	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	19	0.25
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	19	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	6	0.25
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	6	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	2	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	12	0.25
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	12	0.25
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	12	0.25
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	11	0.25
(1,1180)	1:53:A:ILE:HG12	1:54:A:LYS:H	16	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	6	0.25
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	6	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	10	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	10	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	19	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	19	0.25
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	19	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	4	0.25
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	4	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	5	0.25
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	5	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	18	0.25
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	18	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	1	0.25
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	1	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	6	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	6	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	6	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	7	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	7	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	14	0.25
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	14	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	5	0.25
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	5	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	15	0.25
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	15	0.25
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	15	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	4	0.25
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	4	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	9	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	9	0.25
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	9	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	18	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	18	0.25
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	18	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	11	0.25
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	11	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	9	0.25
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	9	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	4	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	4	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	10	0.25
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	10	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	14	0.25
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	14	0.25
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	11	0.24
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	11	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	18	0.24
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	18	0.24
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	18	0.24
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	18	0.24
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	18	0.24
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	18	0.24
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	18	0.24
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	18	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	6	0.24
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	6	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	5	0.24
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	5	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	15	0.24
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	15	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	4	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	4	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	12	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	12	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	13	0.24
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	13	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	5	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	5	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24

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Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	19	0.24
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	19	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	5	0.24
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	5	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	12	0.24
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	12	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	13	0.24
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	13	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	5	0.24
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	5	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	19	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	19	0.24
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	19	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	12	0.24
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	12	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	17	0.24
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	10	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	10	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	17	0.24
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	17	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	4	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	4	0.24
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	4	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	11	0.24
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	11	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	2	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	2	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	17	0.24
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	17	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	6	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	10	0.24
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	10	0.24
(1,581)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG21	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG22	1:25:A:PRO:HD2	11	0.24
(1,581)	1:24:A:THR:HG23	1:25:A:PRO:HD2	11	0.24
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	5	0.24
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	5	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	10	0.24
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	10	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG2	1:22:A:THR:HG23	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG21	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG22	14	0.24
(1,491)	1:19:A:PRO:HG3	1:22:A:THR:HG23	14	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	2	0.24
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	2	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	20	0.24
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	20	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	11	0.24
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	11	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	10	0.24
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	10	0.24
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	10	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	12	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	12	0.24
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	12	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	5	0.24
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	5	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	6	0.24
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	6	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	6	0.24
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	6	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	12	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	12	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	16	0.24
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	16	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	9	0.24
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	9	0.24
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	8	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	8	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	10	0.23
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	10	0.23
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	10	0.23
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	10	0.23
(1,1586)	1:74:A:TYR:HE1	1:83:A:ARG:HD3	11	0.23
(1,1586)	1:74:A:TYR:HE2	1:83:A:ARG:HD3	11	0.23
(1,1586)	1:74:A:TYR:HE1	1:83:A:ARG:HD3	11	0.23
(1,1586)	1:74:A:TYR:HE2	1:83:A:ARG:HD3	11	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	12	0.23
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	12	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	18	0.23
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	18	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	14	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	14	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	20	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	20	0.23
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	20	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	19	0.23
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	19	0.23
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	19	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	2	0.23
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	2	0.23
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	2	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	5	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	5	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	17	0.23
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	17	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	11	0.23
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	11	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	14	0.23
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	4	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	4	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	12	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	12	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	13	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	13	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	13	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	14	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	14	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	19	0.23
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	19	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	15	0.23
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	15	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	6	0.23
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	6	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	4	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	20	0.23
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	20	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	10	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	10	0.23
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	10	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	13	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	13	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	17	0.23
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	11	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	11	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	13	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	13	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	17	0.23
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	17	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	9	0.23
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	9	0.23
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	20	0.23
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	20	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	14	0.23
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	14	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	5	0.23
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	5	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	17	0.23
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	17	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	19	0.23

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	19	0.23
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	19	0.23
(1,1899)	1:95:A:GLU:H	1:95:A:GLU:HG3	14	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	17	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	18	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	18	0.22
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	4	0.22
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	4	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	12	0.22
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	12	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	3	0.22
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	3	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	14	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	14	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	14	0.22
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	14	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	12	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	20	0.22
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	20	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	14	0.22
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	14	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	2	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	2	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	3	0.22
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	3	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	13	0.22
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	13	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	4	0.22
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	4	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG21	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG22	1:65:A:ASN:HD22	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD21	8	0.22
(1,1370)	1:61:A:THR:HG23	1:65:A:ASN:HD22	8	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	9	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	16	0.22
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	16	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	4	0.22
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	4	0.22
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	1	0.22
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	15	0.22
(1,1180)	1:53:A:ILE:HG12	1:54:A:LYS:H	9	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	3	0.22
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	3	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	8	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	8	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	10	0.22
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	10	0.22
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	10	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	6	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	6	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	20	0.22
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	20	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	10	0.22
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	10	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	16	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	16	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	20	0.22
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	20	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	2	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	2	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	6	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	10	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	10	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	16	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	16	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	18	0.22
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	18	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	19	0.22
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	19	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	13	0.22
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	13	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD21	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD22	11	0.22
(1,874)	1:38:A:LEU:H	1:38:A:LEU:HD23	11	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB2	1:38:A:LEU:HD23	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD11	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD12	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD13	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD21	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD22	16	0.22
(1,842)	1:36:A:ASP:HB3	1:38:A:LEU:HD23	16	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	5	0.22
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	5	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	1	0.22
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	1	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	17	0.22
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	17	0.22
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	17	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	4	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	4	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	9	0.22
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	9	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	17	0.22
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	17	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	13	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	13	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	20	0.22
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	20	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	17	0.22
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	17	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	14	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	14	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	18	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	18	0.22
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	18	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	3	0.22
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	3	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	2	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	2	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	6	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	6	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	6	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	16	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	16	0.22
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	16	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	2	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	2	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	14	0.22
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	14	0.22
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	19	0.22
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	19	0.22
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	19	0.22

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	19	0.22
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	15	0.21
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	15	0.21
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	12	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	12	0.21
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	12	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	1	0.21
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	1	0.21
(1,1608)	1:76:A:VAL:HB	1:79:A:ASN:HD22	1	0.21
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.21
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.21
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	7	0.21
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	7	0.21
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.21
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.21
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	9	0.21
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	9	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	16	0.21
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	16	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	4	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	4	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	20	0.21
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	20	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG21	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB2	19	0.21
(1,1445)	1:64:A:VAL:HG22	1:69:A:ALA:HB3	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB1	19	0.21
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB2	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1445)	1:64:A:VAL:HG23	1:69:A:ALA:HB3	19	0.21
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG21	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG22	1:65:A:ASN:HD22	2	0.21
(1,1372)	1:61:A:THR:HG23	1:65:A:ASN:HD22	2	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	13	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	13	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	13	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	19	0.21
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	19	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD21	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD22	1:87:A:LEU:HD13	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD11	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD12	14	0.21
(1,1244)	1:55:A:LEU:HD23	1:87:A:LEU:HD13	14	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	18	0.21
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	18	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	15	0.21
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	15	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	13	0.21
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	13	0.21
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	9	0.21
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	9	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	7	0.21
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	7	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB2	1:88:A:VAL:HG23	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	18	0.21
(1,1115)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	18	0.21
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	18	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	1	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	1	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	3	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	3	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	3	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	5	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	5	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	9	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	9	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	11	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	11	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	15	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	15	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	17	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	17	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB2	1:41:A:LEU:HD13	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD11	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD12	20	0.21
(1,919)	1:41:A:LEU:HB3	1:41:A:LEU:HD13	20	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	9	0.21
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	9	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	7	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	20	0.21
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	20	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	17	0.21
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	17	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	11	0.21
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	11	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	12	0.21
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	12	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	5	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	5	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	19	0.21
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	19	0.21
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	20	0.21
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	20	0.21
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	20	0.21
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	20	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	6	0.21
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	6	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	16	0.21
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	16	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	4	0.21
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	4	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	10	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	10	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	18	0.21
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	18	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	16	0.21
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	16	0.21
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	13	0.21
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	13	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	19	0.21
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	19	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	15	0.21
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	15	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	8	0.21
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	8	0.21
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	19	0.2
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	19	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	9	0.2
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	9	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	4	0.2
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE1	1:83:A:ARG:HG3	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG2	4	0.2
(1,1588)	1:74:A:TYR:HE2	1:83:A:ARG:HG3	4	0.2
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.2
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.2
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	20	0.2
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	20	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	5	0.2
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	5	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	11	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	11	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	11	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	11	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	12	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	12	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD21	12	0.2
(1,1558)	1:73:A:GLN:HA	1:79:A:ASN:HD22	12	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	7	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	7	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	8	0.2
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	8	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	16	0.2
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	16	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	15	0.2
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	15	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD2	1:87:A:LEU:HD13	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD11	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD12	11	0.2
(1,1257)	1:56:A:PRO:HD3	1:87:A:LEU:HD13	11	0.2
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	17	0.2
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	17	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	9	0.2
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	9	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	3	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	3	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	3	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	6	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	6	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	11	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	11	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	13	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	13	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	13	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	16	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	16	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	19	0.2
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	19	0.2
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	17	0.2
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	17	0.2
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	5	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	6	0.2
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	3	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	3	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	6	0.2
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	6	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	9	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	9	0.2
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	9	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	19	0.2
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	19	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	2	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	2	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	7	0.2
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	7	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	11	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	11	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	16	0.2
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	16	0.2
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	1	0.2
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	1	0.2
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	3	0.2
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	3	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	8	0.2
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	8	0.2
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	3	0.2
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	3	0.2
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	3	0.2
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	3	0.2
(1,523)	1:21:A:GLU:HG2	1:22:A:THR:H	18	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG2	1:22:A:THR:HG23	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG21	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG22	8	0.2
(1,520)	1:21:A:GLU:HG3	1:22:A:THR:HG23	8	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	1	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	1	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	18	0.2
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	18	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	10	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	10	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	10	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	12	0.2
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	12	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	19	0.2
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	19	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	6	0.2
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	6	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	14	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	14	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	20	0.2
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	20	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	7	0.2

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Key	Atom-1	Atom-2	Model ID	Violation ($\text{\AA}$)
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	7	0.2
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	7	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	17	0.2
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	17	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	8	0.2
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	8	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	17	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	17	0.2
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	17	0.2
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	10	0.2
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	10	0.2
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	10	0.2
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	10	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	8	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	8	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	8	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	15	0.2
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	15	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG21	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG22	1:81:A:ALA:HB3	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB1	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB2	20	0.2
(1,125)	1:4:A:THR:HG23	1:81:A:ALA:HB3	20	0.2
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	6	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	6	0.19
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	6	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	13	0.19
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	13	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE2	1:79:A:ASN:HD22	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD21	18	0.19
(1,1652)	1:78:A:LYS:HE3	1:79:A:ASN:HD22	18	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	5	0.19
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	5	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	14	0.19
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	14	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	1	0.19
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	1	0.19
(1,1573)	1:74:A:TYR:HA	1:76:A:VAL:HB	16	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG21	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG22	5	0.19
(1,1546)	1:72:A:GLU:HG3	1:76:A:VAL:HG23	5	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG21	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG22	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG23	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG21	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG22	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG23	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG21	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG22	8	0.19
(1,1543)	1:72:A:GLU:HB2	1:76:A:VAL:HG23	8	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	11	0.19
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	11	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	1	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	5	0.19
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	2	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	2	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	5	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	5	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	5	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	8	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	8	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	12	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	12	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	12	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	14	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	14	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	17	0.19
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	17	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	14	0.19
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	14	0.19
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	10	0.19
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	13	0.19
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	19	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	16	0.19
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	16	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	6	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	8	0.19
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	8	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	16	0.19
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	16	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	11	0.19
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	11	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	8	0.19
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	8	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	5	0.19
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	5	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	2	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	2	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	2	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	4	0.19
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	4	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	13	0.19
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	13	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD11	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD12	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD13	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD21	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD22	1:39:A:ASP:H	1	0.19
(1,866)	1:38:A:LEU:HD23	1:39:A:ASP:H	1	0.19
(1,483)	1:19:A:PRO:HB3	1:22:A:THR:H	9	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	6	0.19
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	6	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	3	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	3	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	10	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	10	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	17	0.19
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	17	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	8	0.19

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Key	Atom-1	Atom-2	Model ID	Violation ($\text{\AA}$)
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	8	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	8	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB1	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB2	1:20:A:ARG:HB3	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB2	20	0.19
(1,389)	1:13:A:ALA:HB3	1:20:A:ARG:HB3	20	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	4	0.19
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	4	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	1	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	1	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	17	0.19
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	17	0.19
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	12	0.19
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	12	0.19
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	13	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	14	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	19	0.18
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	19	0.18
(1,1587)	1:74:A:TYR:HE1	1:83:A:ARG:HD2	18	0.18
(1,1587)	1:74:A:TYR:HE2	1:83:A:ARG:HD2	18	0.18
(1,1587)	1:74:A:TYR:HE1	1:83:A:ARG:HD2	18	0.18
(1,1587)	1:74:A:TYR:HE2	1:83:A:ARG:HD2	18	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	2	0.18
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	2	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	16	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	16	0.18
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	16	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	17	0.18
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	17	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG21	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG22	1	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG23	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG21	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG22	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG23	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG21	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG22	1	0.18
(1,1456)	1:64:A:VAL:H	1:64:A:VAL:HG23	1	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG21	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD1	14	0.18
(1,1451)	1:64:A:VAL:HG22	1:74:A:TYR:HD2	14	0.18
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD1	14	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:64:A:VAL:HG23	1:74:A:TYR:HD2	14	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	20	0.18
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	20	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	17	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	17	0.18
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	17	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	3	0.18
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	3	0.18
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	3	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	2	0.18
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	2	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	10	0.18
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	10	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB2	1:33:A:LEU:HD23	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD21	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD22	14	0.18
(1,768)	1:32:A:ASP:HB3	1:33:A:LEU:HD23	14	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	3	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	3	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB1	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB2	1:35:A:ILE:HD13	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD11	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD12	13	0.18
(1,711)	1:29:A:ALA:HB3	1:35:A:ILE:HD13	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	13	0.18
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	13	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	5	0.18
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	5	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	8	0.18
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	8	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	10	0.18
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	10	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	2	0.18
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	2	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	18	0.18
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	18	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	13	0.18
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	13	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD11	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD12	1:50:A:ALA:HB3	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB1	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB2	15	0.18
(1,319)	1:11:A:ILE:HD13	1:50:A:ALA:HB3	15	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	12	0.18
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	12	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	18	0.18
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	18	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG21	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG22	1:51:A:PHE:HE2	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE1	10	0.18
(1,122)	1:4:A:THR:HG23	1:51:A:PHE:HE2	10	0.18
(1,1606)	1:76:A:VAL:HB	1:79:A:ASN:HD21	15	0.17
(1,1606)	1:76:A:VAL:HB	1:79:A:ASN:HD22	15	0.17
(1,1606)	1:76:A:VAL:HB	1:79:A:ASN:HD21	15	0.17
(1,1606)	1:76:A:VAL:HB	1:79:A:ASN:HD22	15	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG2	3	0.17
(1,1583)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	3	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG21	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG22	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG23	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG21	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG22	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG23	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG21	5	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG22	5	0.17
(1,1517)	1:70:A:THR:H	1:70:A:THR:HG23	5	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	1	0.17
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	1	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	15	0.17
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	15	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB1	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB2	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB3	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB1	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB2	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB3	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB1	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB2	7	0.17
(1,1409)	1:63:A:GLU:HB3	1:69:A:ALA:HB3	7	0.17
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	18	0.17
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	18	0.17
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	18	0.17
(1,1295)	1:58:A:GLU:HG2	1:59:A:LYS:H	9	0.17
(1,1295)	1:58:A:GLU:HG3	1:59:A:LYS:H	9	0.17
(1,1295)	1:58:A:GLU:HG2	1:59:A:LYS:H	9	0.17
(1,1295)	1:58:A:GLU:HG3	1:59:A:LYS:H	9	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	8	0.17
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	8	0.17
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	7	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	7	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	8	0.17
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	8	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	12	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	12	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	18	0.17
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	18	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	19	0.17
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	19	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	10	0.17
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	10	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE1	1:80:A:LEU:HD23	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD21	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD22	18	0.17
(1,903)	1:40:A:PHE:HE2	1:80:A:LEU:HD23	18	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD1	1:43:A:ILE:HD13	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD11	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD12	9	0.17
(1,892)	1:40:A:PHE:HD2	1:43:A:ILE:HD13	9	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	19	0.17
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	19	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	4	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	9	0.17
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	9	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	18	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG21	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG22	1:39:A:ASP:HB2	19	0.17
(1,823)	1:35:A:ILE:HG23	1:39:A:ASP:HB2	19	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD11	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD12	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD13	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD11	5	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD12	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD13	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD11	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD12	5	0.17
(1,752)	1:30:A:ILE:H	1:30:A:ILE:HD13	5	0.17
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	16	0.17
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	16	0.17
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	16	0.17
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	16	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD11	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD12	6	0.17
(1,556)	1:23:A:ILE:H	1:23:A:ILE:HD13	6	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	15	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	17	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	18	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	18	0.17
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	18	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	3	0.17
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	3	0.17
(1,483)	1:19:A:PRO:HB3	1:22:A:THR:H	12	0.17
(1,483)	1:19:A:PRO:HB3	1:22:A:THR:H	16	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	19	0.17
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	19	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	15	0.17
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	15	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	3	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	3	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	3	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	12	0.17
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	12	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	13	0.17
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	13	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	7	0.17
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	7	0.17
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	10	0.16
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	10	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD11	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD12	15	0.16
(1,1703)	1:81:A:ALA:HA	1:84:A:ILE:HD13	15	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	5	0.16
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	5	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG21	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG22	6	0.16
(1,1547)	1:72:A:GLU:HG2	1:76:A:VAL:HG23	6	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	14	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	15	0.16
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	15	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	16	0.16
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	16	0.16
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	2	0.16
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	12	0.16
(1,1180)	1:53:A:ILE:HG12	1:54:A:LYS:H	14	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	19	0.16
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	19	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	3	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	4	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	17	0.16
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	17	0.16
(1,1063)	1:48:A:ASP:HA	1:53:A:ILE:HG12	16	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	8	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	8	0.16
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	8	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	14	0.16
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	14	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	8	0.16
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	8	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	4	0.16
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	4	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	9	0.16
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	9	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	16	0.16
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	16	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	17	0.16
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	17	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	14	0.16
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	14	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	18	0.16
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	18	0.16
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	4	0.16
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	4	0.16
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	4	0.16
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	4	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	2	0.16
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	2	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	9	0.16
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	9	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	20	0.16
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	20	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	18	0.16
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	18	0.16
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB1	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB2	1:94:A:LEU:H	7	0.15
(1,1882)	1:93:A:ALA:HB3	1:94:A:LEU:H	7	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG21	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG22	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG23	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG21	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG22	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG23	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG21	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG22	17	0.15
(1,1837)	1:88:A:VAL:H	1:88:A:VAL:HG23	17	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	13	0.15
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	13	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD21	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD22	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD23	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD21	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD22	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD23	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD21	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD22	15	0.15
(1,1630)	1:77:A:LEU:HA	1:77:A:LEU:HD23	15	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	16	0.15
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	16	0.15
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	18	0.15
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	18	0.15
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	1	0.15
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	1	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB1	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB2	1:74:A:TYR:HE2	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE1	4	0.15
(1,1507)	1:69:A:ALA:HB3	1:74:A:TYR:HE2	4	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	5	0.15
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	5	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG21	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG22	1:74:A:TYR:HE2	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE1	8	0.15
(1,1452)	1:64:A:VAL:HG23	1:74:A:TYR:HE2	8	0.15
(1,1432)	1:64:A:VAL:HB	1:69:A:ALA:H	2	0.15
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	1	0.15
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	1	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	2	0.15
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG21	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG22	1:91:A:LYS:HE3	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE2	2	0.15
(1,1195)	1:53:A:ILE:HG23	1:91:A:LYS:HE3	2	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	9	0.15
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	9	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	15	0.15
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	15	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	7	0.15
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	7	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	13	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	15	0.15
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	15	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	16	0.15
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	16	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	11	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	11	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	17	0.15
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	17	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	1	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	1	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	1	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	7	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	7	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	8	0.15
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	8	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	7	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	7	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD11	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD12	1:84:A:ILE:HD13	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD11	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD12	11	0.15
(1,1032)	1:47:A:ILE:HD13	1:84:A:ILE:HD13	11	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	3	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	7	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	7	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	16	0.15
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	16	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	5	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	5	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	5	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	5	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	9	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	9	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	9	0.15
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	9	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	8	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	8	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	16	0.15
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	16	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	6	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	20	0.15
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	20	0.15
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	5	0.15
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	5	0.15
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	5	0.15
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	5	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	10	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	10	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	14	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	14	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG21	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG22	1:43:A:ILE:HG13	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG12	16	0.15
(1,418)	1:15:A:THR:HG23	1:43:A:ILE:HG13	16	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG12	1:43:A:ILE:HG13	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG12	8	0.15
(1,359)	1:12:A:ILE:HG13	1:43:A:ILE:HG13	8	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	1	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	1	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	2	0.15
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	2	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	13	0.15
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG22	13	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:8:A:VAL:HG21	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG22	1:84:A:ILE:HG23	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG21	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG22	13	0.15
(1,251)	1:8:A:VAL:HG23	1:84:A:ILE:HG23	13	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	10	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	10	0.15
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	10	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	2	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	2	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	15	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	15	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	17	0.15
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	17	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	3	0.15
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	3	0.15
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	15	0.15
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	15	0.15
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB2	15	0.15
(1,103)	1:3:A:SER:H	1:6:A:ASP:HB3	15	0.15
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD11	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD12	8	0.14
(1,1894)	1:94:A:LEU:H	1:94:A:LEU:HD13	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	8	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	8	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	11	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	11	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	6	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	6	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	18	0.14
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	18	0.14
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	18	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	15	0.14
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	15	0.14
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE2	15	0.14
(1,1612)	1:76:A:VAL:HG11	1:78:A:LYS:HE3	15	0.14
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE2	15	0.14
(1,1612)	1:76:A:VAL:HG12	1:78:A:LYS:HE3	15	0.14
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE2	15	0.14
(1,1612)	1:76:A:VAL:HG13	1:78:A:LYS:HE3	15	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG21	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG22	18	0.14
(1,1538)	1:72:A:GLU:HA	1:76:A:VAL:HG23	18	0.14
(1,1350)	1:60:A:TRP:H	1:60:A:TRP:HE3	11	0.14
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	10	0.14
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	10	0.14
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	10	0.14
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	10	0.14
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	12	0.14
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	12	0.14
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	5	0.14
(1,1241)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	5	0.14
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	20	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	20	0.14
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	20	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	4	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	4	0.14
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	4	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	15	0.14
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	15	0.14
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG21	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG22	1:91:A:LYS:HG2	9	0.14
(1,1197)	1:53:A:ILE:HG23	1:91:A:LYS:HG2	9	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	18	0.14
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	18	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD11	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD12	1:87:A:LEU:HD13	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD11	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD12	1	0.14
(1,1176)	1:53:A:ILE:HD13	1:87:A:LEU:HD13	1	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	19	0.14
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	19	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB2	1:49:A:LYS:HE3	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE2	13	0.14
(1,1083)	1:49:A:LYS:HB3	1:49:A:LYS:HE3	13	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	2	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	2	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	6	0.14
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	6	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	12	0.14
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	12	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	9	0.14
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	9	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD21	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD22	5	0.14
(1,912)	1:40:A:PHE:HZ	1:80:A:LEU:HD23	5	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	13	0.14
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	13	0.14
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	8	0.14
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	8	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG21	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG22	1:40:A:PHE:HB3	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	16	0.14
(1,826)	1:35:A:ILE:HG23	1:40:A:PHE:HB3	16	0.14
(1,822)	1:35:A:ILE:HG21	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG22	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG23	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG21	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG22	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG23	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG21	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG22	1:39:A:ASP:HB3	4	0.14
(1,822)	1:35:A:ILE:HG23	1:39:A:ASP:HB3	4	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	5	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	5	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG21	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG22	11	0.14
(1,678)	1:28:A:HIS:HD2	1:76:A:VAL:HG23	11	0.14
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	20	0.14
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	20	0.14
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	20	0.14
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	20	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	12	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	12	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB2	1:77:A:LEU:HD23	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD21	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD22	14	0.14
(1,633)	1:27:A:SER:HB3	1:77:A:LEU:HD23	14	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	7	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	7	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	7	0.14
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	7	0.14
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG21	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG22	1:77:A:LEU:HG	2	0.14
(1,554)	1:23:A:ILE:HG23	1:77:A:LEU:HG	2	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	13	0.14
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	13	0.14
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	13	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	19	0.14
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	19	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	9	0.14
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	9	0.14
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD11	1:47:A:ILE:HA	15	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,317)	1:11:A:ILE:HD12	1:47:A:ILE:HA	15	0.14
(1,317)	1:11:A:ILE:HD13	1:47:A:ILE:HA	15	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG21	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG22	1:51:A:PHE:HE2	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE1	17	0.14
(1,245)	1:8:A:VAL:HG23	1:51:A:PHE:HE2	17	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	2	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	2	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	14	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	14	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG11	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG12	1:84:A:ILE:HD13	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD11	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD12	19	0.14
(1,243)	1:8:A:VAL:HG13	1:84:A:ILE:HD13	19	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	20	0.14
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	20	0.14
(1,191)	1:6:A:ASP:HA	1:20:A:ARG:HE	12	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	10	0.14
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	10	0.14
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	18	0.14
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	18	0.14
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	18	0.14
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	18	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.14

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	9	0.14
(1,151)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	9	0.14
(1,105)	1:3:A:SER:H	1:6:A:ASP:HB2	20	0.14
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	14	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	17	0.13
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	17	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	8	0.13
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	8	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	13	0.13
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	13	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	12	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	19	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	19	0.13
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	19	0.13
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	9	0.13
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	9	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	10	0.13
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	10	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	12	0.13
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	12	0.13
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	7	0.13
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	7	0.13
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	7	0.13
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	7	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	13	0.13
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	13	0.13
(1,1346)	1:60:A:TRP:HH2	1:83:A:ARG:HB2	18	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD11	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD12	1:84:A:ILE:HD13	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD11	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD12	6	0.13
(1,1231)	1:55:A:LEU:HD13	1:84:A:ILE:HD13	6	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	9	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	9	0.13
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	9	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	4	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	4	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	10	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	10	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	20	0.13
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	20	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG21	18	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG21	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG22	1:88:A:VAL:HG23	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG21	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG22	18	0.13
(1,1190)	1:53:A:ILE:HG23	1:88:A:VAL:HG23	18	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	5	0.13
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	5	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD11	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD12	1:87:A:LEU:HB3	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB2	10	0.13
(1,1175)	1:53:A:ILE:HD13	1:87:A:LEU:HB3	10	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	5	0.13
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	5	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	14	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	14	0.13
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	14	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE1	1:57:A:LEU:HD23	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD21	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD22	20	0.13
(1,901)	1:40:A:PHE:HE2	1:57:A:LEU:HD23	20	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	12	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	12	0.13
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	12	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	8	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	8	0.13
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	8	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	5	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	18	0.13
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	18	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD11	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD12	1:40:A:PHE:HD2	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD1	20	0.13
(1,818)	1:35:A:ILE:HD13	1:40:A:PHE:HD2	20	0.13
(1,734)	1:30:A:ILE:HA	1:34:A:GLY:H	14	0.13
(1,686)	1:28:A:HIS:HE1	1:71:A:THR:HB	8	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	1	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	1	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	1	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	1	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	2	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	2	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	2	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	2	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	6	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	6	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	6	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	6	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	8	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	8	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	8	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	8	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	19	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	19	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	19	0.13
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	19	0.13
(1,507)	1:20:A:ARG:HD3	1:21:A:GLU:H	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	2	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD2	1:20:A:ARG:HH12	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH11	2	0.13
(1,503)	1:20:A:ARG:HD3	1:20:A:ARG:HH12	2	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG21	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG22	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG23	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG21	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG22	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG23	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG21	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG22	8	0.13
(1,485)	1:19:A:PRO:HB2	1:22:A:THR:HG23	8	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	4	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	4	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG12	1:43:A:ILE:HD13	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD11	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD12	10	0.13
(1,358)	1:12:A:ILE:HG13	1:43:A:ILE:HD13	10	0.13
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	13	0.13
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	13	0.13
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	13	0.13
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	13	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	1	0.13
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	1	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD1	1:81:A:ALA:HB3	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB1	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB2	10	0.13
(1,162)	1:5:A:PHE:HD2	1:81:A:ALA:HB3	10	0.13

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	4	0.13
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	4	0.13
(1,114)	1:4:A:THR:HB	1:82:A:ALA:H	10	0.13
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD11	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD12	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD13	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD21	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD22	6	0.12
(1,1893)	1:94:A:LEU:H	1:94:A:LEU:HD23	6	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD11	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD12	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD13	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD21	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD22	1:95:A:GLU:H	15	0.12
(1,1890)	1:94:A:LEU:HD23	1:95:A:GLU:H	15	0.12
(1,1849)	1:90:A:ALA:H	1:91:A:LYS:HB3	4	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG11	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG12	1:91:A:LYS:HE3	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE2	9	0.12
(1,1829)	1:88:A:VAL:HG13	1:91:A:LYS:HE3	9	0.12
(1,1661)	1:78:A:LYS:H	1:78:A:LYS:HG2	11	0.12
(1,1661)	1:78:A:LYS:H	1:78:A:LYS:HG3	11	0.12
(1,1661)	1:78:A:LYS:H	1:78:A:LYS:HG2	11	0.12
(1,1661)	1:78:A:LYS:H	1:78:A:LYS:HG3	11	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	9	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD11	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD12	14	0.12
(1,1629)	1:77:A:LEU:HA	1:77:A:LEU:HD13	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	7	0.12
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	7	0.12
(1,1607)	1:76:A:VAL:HB	1:79:A:ASN:HD21	2	0.12
(1,1573)	1:74:A:TYR:HA	1:76:A:VAL:HB	14	0.12
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	14	0.12
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	14	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB2	1:68:A:LYS:HG3	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG2	12	0.12
(1,1467)	1:66:A:ASP:HB3	1:68:A:LYS:HG3	12	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	14	0.12
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	14	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG22	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1449)	1:64:A:VAL:HG21	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG22	1:71:A:THR:HG23	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG21	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG22	2	0.12
(1,1449)	1:64:A:VAL:HG23	1:71:A:THR:HG23	2	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	8	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	8	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	8	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	8	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	15	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	15	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG2	15	0.12
(1,1298)	1:58:A:GLU:H	1:58:A:GLU:HG3	15	0.12
(1,1220)	1:55:A:LEU:HA	1:56:A:PRO:HD2	18	0.12
(1,1220)	1:55:A:LEU:HA	1:56:A:PRO:HD3	18	0.12
(1,1220)	1:55:A:LEU:HA	1:56:A:PRO:HD2	18	0.12
(1,1220)	1:55:A:LEU:HA	1:56:A:PRO:HD3	18	0.12
(1,1216)	1:54:A:LYS:H	1:54:A:LYS:HG2	17	0.12
(1,1216)	1:54:A:LYS:H	1:54:A:LYS:HG3	17	0.12
(1,1216)	1:54:A:LYS:H	1:54:A:LYS:HG2	17	0.12
(1,1216)	1:54:A:LYS:H	1:54:A:LYS:HG3	17	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	1	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	1	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	7	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	7	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	7	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	9	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	9	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE2	18	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:54:A:LYS:HD2	1:54:A:LYS:HE3	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE2	18	0.12
(1,1210)	1:54:A:LYS:HD3	1:54:A:LYS:HE3	18	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG21	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG22	1:87:A:LEU:HB3	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB2	9	0.12
(1,1187)	1:53:A:ILE:HG23	1:87:A:LEU:HB3	9	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	20	0.12
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	20	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	4	0.12
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	4	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	11	0.12
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	11	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG21	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG22	1:84:A:ILE:HG23	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG21	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG22	13	0.12
(1,1049)	1:47:A:ILE:HG23	1:84:A:ILE:HG23	13	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	10	0.12
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	10	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	5	0.12
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	5	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD11	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD12	11	0.12
(1,969)	1:44:A:ALA:HA	1:55:A:LEU:HD13	11	0.12
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	19	0.12
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	19	0.12
(1,777)	1:32:A:ASP:H	1:33:A:LEU:HB2	14	0.12
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	14	0.12
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	14	0.12
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	14	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB2	1:32:A:ASP:HB3	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB2	12	0.12
(1,629)	1:27:A:SER:HB3	1:32:A:ASP:HB3	12	0.12
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	14	0.12
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	14	0.12
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	14	0.12
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	14	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG11	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG12	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG13	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG11	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG12	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG13	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG11	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG12	2	0.12
(1,603)	1:26:A:GLU:HA	1:76:A:VAL:HG13	2	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	10	0.12
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	10	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	10	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	10	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	10	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	10	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	17	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	17	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG2	17	0.12
(1,525)	1:21:A:GLU:H	1:21:A:GLU:HG3	17	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	16	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD11	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD12	16	0.12
(1,498)	1:20:A:ARG:HA	1:23:A:ILE:HD13	16	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG12	20	0.12
(1,428)	1:16:A:CYS:HB3	1:18:A:ILE:HG13	20	0.12
(1,417)	1:15:A:THR:HG21	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG22	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG23	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG21	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG22	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG23	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG21	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG22	1:43:A:ILE:HA	12	0.12
(1,417)	1:15:A:THR:HG23	1:43:A:ILE:HA	12	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	2	0.12
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	2	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG21	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG22	1:33:A:LEU:HD13	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD11	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD12	14	0.12
(1,366)	1:12:A:ILE:HG23	1:33:A:LEU:HD13	14	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG21	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG22	8	0.12
(1,263)	1:9:A:ALA:HA	1:23:A:ILE:HG23	8	0.12
(1,247)	1:8:A:VAL:HG21	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG22	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG23	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG21	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG22	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG23	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG21	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG22	1:81:A:ALA:HA	2	0.12
(1,247)	1:8:A:VAL:HG23	1:81:A:ALA:HA	2	0.12
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	2	0.12
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	2	0.12
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	2	0.12
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	2	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE1	1:23:A:ILE:HG23	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG21	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG22	19	0.12
(1,164)	1:5:A:PHE:HE2	1:23:A:ILE:HG23	19	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	11	0.12
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	11	0.12
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD11	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD12	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD13	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD21	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD22	12	0.11
(1,1884)	1:94:A:LEU:HA	1:94:A:LEU:HD23	12	0.11
(1,1861)	1:91:A:LYS:HG3	1:93:A:ALA:H	10	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD21	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD22	3	0.11
(1,1797)	1:87:A:LEU:HA	1:87:A:LEU:HD23	3	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	10	0.11
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	10	0.11
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.11
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.11
(1,1584)	1:74:A:TYR:HD1	1:83:A:ARG:HG3	17	0.11
(1,1584)	1:74:A:TYR:HD2	1:83:A:ARG:HG3	17	0.11
(1,1573)	1:74:A:TYR:HA	1:76:A:VAL:HB	17	0.11
(1,1573)	1:74:A:TYR:HA	1:76:A:VAL:HB	18	0.11
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	18	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG21	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG22	1:71:A:THR:H	18	0.11
(1,1514)	1:70:A:THR:HG23	1:71:A:THR:H	18	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	11	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	11	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	19	0.11
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	19	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG21	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG22	1:75:A:PHE:HE2	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE1	7	0.11
(1,1453)	1:64:A:VAL:HG23	1:75:A:PHE:HE2	7	0.11
(1,1387)	1:62:A:GLN:HB2	1:62:A:GLN:HE21	16	0.11
(1,1387)	1:62:A:GLN:HB3	1:62:A:GLN:HE21	16	0.11
(1,1387)	1:62:A:GLN:HB2	1:62:A:GLN:HE21	16	0.11
(1,1387)	1:62:A:GLN:HB3	1:62:A:GLN:HE21	16	0.11
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	4	0.11
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	4	0.11
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB2	4	0.11
(1,1382)	1:62:A:GLN:HA	1:65:A:ASN:HB3	4	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD11	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD12	10	0.11
(1,1356)	1:60:A:TRP:HZ2	1:87:A:LEU:HD13	10	0.11
(1,1350)	1:60:A:TRP:H	1:60:A:TRP:HE3	17	0.11
(1,1346)	1:60:A:TRP:HH2	1:83:A:ARG:HB2	10	0.11
(1,1303)	1:59:A:LYS:HA	1:62:A:GLN:HB2	10	0.11
(1,1303)	1:59:A:LYS:HA	1:62:A:GLN:HB3	10	0.11
(1,1303)	1:59:A:LYS:HA	1:62:A:GLN:HB2	10	0.11
(1,1303)	1:59:A:LYS:HA	1:62:A:GLN:HB3	10	0.11
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD21	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD22	1:60:A:TRP:HE3	7	0.11
(1,1280)	1:57:A:LEU:HD23	1:60:A:TRP:HE3	7	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD21	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD22	6	0.11
(1,1263)	1:57:A:LEU:HA	1:57:A:LEU:HD23	6	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	2	0.11
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	2	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD21	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD22	1:84:A:ILE:HG13	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG12	7	0.11
(1,1239)	1:55:A:LEU:HD23	1:84:A:ILE:HG13	7	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	2	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	4	0.11
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	4	0.11
(1,1181)	1:53:A:ILE:HG12	1:84:A:ILE:HA	3	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	4	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	4	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD11	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG21	17	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD12	1:88:A:VAL:HG23	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG21	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG22	17	0.11
(1,1177)	1:53:A:ILE:HD13	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD1	1:88:A:VAL:HG23	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG21	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG22	17	0.11
(1,1135)	1:51:A:PHE:HD2	1:88:A:VAL:HG23	17	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	1	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG21	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG22	10	0.11
(1,1121)	1:51:A:PHE:HB3	1:88:A:VAL:HG23	10	0.11
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	18	0.11
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	18	0.11
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	18	0.11
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	18	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB2	1:49:A:LYS:HD3	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD2	8	0.11
(1,1082)	1:49:A:LYS:HB3	1:49:A:LYS:HD3	8	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG21	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG22	1:84:A:ILE:HG13	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG12	1	0.11
(1,1048)	1:47:A:ILE:HG23	1:84:A:ILE:HG13	1	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD11	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD12	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD13	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD11	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD12	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD13	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD11	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD12	15	0.11
(1,1029)	1:47:A:ILE:HB	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB1	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB2	1:55:A:LEU:HD13	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD11	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD12	15	0.11
(1,976)	1:44:A:ALA:HB3	1:55:A:LEU:HD13	15	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	9	0.11
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	9	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	3	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	10	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	13	0.11
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD11	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD12	1:75:A:PHE:HD2	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD1	13	0.11
(1,740)	1:30:A:ILE:HD13	1:75:A:PHE:HD2	13	0.11
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	18	0.11
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	18	0.11
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB2	18	0.11
(1,657)	1:28:A:HIS:HB3	1:31:A:ASP:HB3	18	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	2	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	2	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	5	0.11
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	5	0.11
(1,436)	1:16:A:CYS:HB2	1:18:A:ILE:HG13	19	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG21	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB2	16	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,414)	1:15:A:THR:HG22	1:42:A:ASP:HB3	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB2	16	0.11
(1,414)	1:15:A:THR:HG23	1:42:A:ASP:HB3	16	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB1	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB2	1:23:A:ILE:HD13	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD11	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD12	7	0.11
(1,393)	1:13:A:ALA:HB3	1:23:A:ILE:HD13	7	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,377)	1:13:A:ALA:HA	1:18:A:ILE:HG12	12	0.11
(1,377)	1:13:A:ALA:HA	1:18:A:ILE:HG13	12	0.11
(1,377)	1:13:A:ALA:HA	1:18:A:ILE:HG12	12	0.11
(1,377)	1:13:A:ALA:HA	1:18:A:ILE:HG13	12	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	17	0.11
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	17	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD11	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD12	1:47:A:ILE:HG13	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG12	1	0.11
(1,318)	1:11:A:ILE:HD13	1:47:A:ILE:HG13	1	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB1	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB2	1:20:A:ARG:HB3	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB2	4	0.11
(1,268)	1:9:A:ALA:HB3	1:20:A:ARG:HB3	4	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	5	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	5	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG21	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG22	1:81:A:ALA:HB3	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB1	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB2	15	0.11
(1,248)	1:8:A:VAL:HG23	1:81:A:ALA:HB3	15	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG11	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG12	1:80:A:LEU:HD23	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD21	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD22	4	0.11
(1,241)	1:8:A:VAL:HG13	1:80:A:LEU:HD23	4	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD11	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD12	13	0.11
(1,233)	1:8:A:VAL:HA	1:11:A:ILE:HD13	13	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE1	1:77:A:LEU:HD13	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD11	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD12	12	0.11
(1,175)	1:5:A:PHE:HE2	1:77:A:LEU:HD13	12	0.11
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	15	0.11
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	15	0.11
(1,173)	1:5:A:PHE:HE1	1:77:A:LEU:HB3	15	0.11
(1,173)	1:5:A:PHE:HE2	1:77:A:LEU:HB3	15	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB1	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB2	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB3	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB1	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB2	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB3	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB1	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB2	2	0.11
(1,145)	1:5:A:PHE:HA	1:81:A:ALA:HB3	2	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG21	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG22	1:84:A:ILE:HG23	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG21	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG22	1	0.11
(1,129)	1:4:A:THR:HG23	1:84:A:ILE:HG23	1	0.11
(1,97)	1:3:A:SER:HA	1:4:A:THR:H	18	0.11
(1,1887)	1:94:A:LEU:HB2	1:95:A:GLU:H	10	0.1
(1,1887)	1:94:A:LEU:HB3	1:95:A:GLU:H	10	0.1
(1,1887)	1:94:A:LEU:HB2	1:95:A:GLU:H	10	0.1
(1,1887)	1:94:A:LEU:HB3	1:95:A:GLU:H	10	0.1
(1,1861)	1:91:A:LYS:HG3	1:93:A:ALA:H	18	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	1	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	1	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG21	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG22	1:88:A:VAL:HG23	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG21	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG22	9	0.1
(1,1761)	1:84:A:ILE:HG23	1:88:A:VAL:HG23	9	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD11	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD12	17	0.1
(1,1695)	1:80:A:LEU:HG	1:84:A:ILE:HD13	17	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD11	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD12	1:84:A:ILE:HD13	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD11	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD12	12	0.1
(1,1689)	1:80:A:LEU:HD13	1:84:A:ILE:HD13	12	0.1
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	17	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG11	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG12	1:78:A:LYS:H	17	0.1
(1,1613)	1:76:A:VAL:HG13	1:78:A:LYS:H	17	0.1
(1,1575)	1:74:A:TYR:HA	1:83:A:ARG:HG3	19	0.1
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG21	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG22	1:72:A:GLU:H	7	0.1
(1,1515)	1:70:A:THR:HG23	1:72:A:GLU:H	7	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB2	1:65:A:ASN:HD22	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD21	5	0.1
(1,1460)	1:65:A:ASN:HB3	1:65:A:ASN:HD22	5	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD11	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD12	14	0.1
(1,1262)	1:57:A:LEU:HA	1:57:A:LEU:HD13	14	0.1
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD21	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD22	1:60:A:TRP:HH2	18	0.1
(1,1235)	1:55:A:LEU:HD23	1:60:A:TRP:HH2	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD11	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD12	18	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1229)	1:55:A:LEU:HD12	1:80:A:LEU:HD13	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD11	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD12	18	0.1
(1,1229)	1:55:A:LEU:HD13	1:80:A:LEU:HD13	18	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD21	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD22	12	0.1
(1,1219)	1:55:A:LEU:HA	1:55:A:LEU:HD23	12	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD11	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD12	1:84:A:ILE:HG13	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG12	9	0.1
(1,1170)	1:53:A:ILE:HD13	1:84:A:ILE:HG13	9	0.1
(1,1147)	1:51:A:PHE:H	1:53:A:ILE:HG13	14	0.1
(1,1147)	1:51:A:PHE:H	1:53:A:ILE:HG13	18	0.1
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	13	0.1
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	13	0.1
(1,1112)	1:51:A:PHE:HB2	1:53:A:ILE:HG12	13	0.1
(1,1112)	1:51:A:PHE:HB3	1:53:A:ILE:HG12	13	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG21	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG22	1:51:A:PHE:HE2	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE1	1	0.1
(1,1045)	1:47:A:ILE:HG23	1:51:A:PHE:HE2	1	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	16	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	16	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	16	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG21	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG22	1:51:A:PHE:HD2	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD1	17	0.1
(1,1044)	1:47:A:ILE:HG23	1:51:A:PHE:HD2	17	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD1	1:57:A:LEU:HD23	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD21	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD22	10	0.1
(1,895)	1:40:A:PHE:HD2	1:57:A:LEU:HD23	10	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD11	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD12	2	0.1
(1,884)	1:40:A:PHE:HA	1:43:A:ILE:HD13	2	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG21	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG22	1:40:A:PHE:HD2	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD1	12	0.1
(1,829)	1:35:A:ILE:HG23	1:40:A:PHE:HD2	12	0.1
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG21	1:40:A:PHE:HB2	14	0.1
(1,828)	1:35:A:ILE:HG22	1:40:A:PHE:HB2	14	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,828)	1:35:A:ILE:HG23	1:40:A:PHE:HB2	14	0.1
(1,675)	1:28:A:HIS:HD2	1:72:A:GLU:HG2	18	0.1
(1,667)	1:28:A:HIS:HB2	1:31:A:ASP:H	14	0.1
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	10	0.1
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	10	0.1
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG2	10	0.1
(1,618)	1:26:A:GLU:H	1:26:A:GLU:HG3	10	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG21	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD12	17	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,553)	1:23:A:ILE:HG22	1:77:A:LEU:HD13	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD11	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD12	17	0.1
(1,553)	1:23:A:ILE:HG23	1:77:A:LEU:HD13	17	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD2	1:22:A:THR:HG23	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG21	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG22	6	0.1
(1,487)	1:19:A:PRO:HD3	1:22:A:THR:HG23	6	0.1
(1,483)	1:19:A:PRO:HB3	1:22:A:THR:H	13	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG21	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG22	1:47:A:ILE:HG13	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG12	3	0.1
(1,333)	1:11:A:ILE:HG23	1:47:A:ILE:HG13	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD11	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD12	1:51:A:PHE:HE2	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE1	3	0.1
(1,322)	1:11:A:ILE:HD13	1:51:A:PHE:HE2	3	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1

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Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB2	1:81:A:ALA:HB3	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB1	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB2	14	0.1
(1,147)	1:5:A:PHE:HB3	1:81:A:ALA:HB3	14	0.1

10 Dihedral-angle violation analysis [i](#)

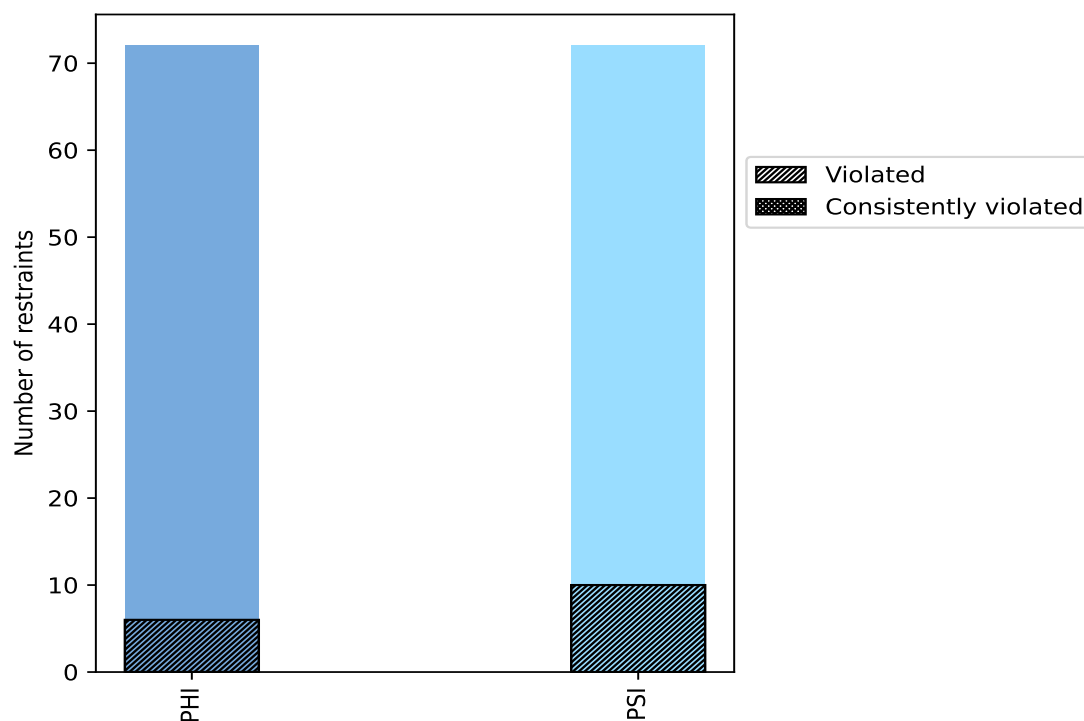
10.1 Summary of dihedral-angle violations [i](#)

The following table provides the summary of dihedral-angle violations in different dihedral-angle types. Violations less than 1° are not included in the calculation.

Angle type	Count	% ¹	Violated ³			Consistently Violated ⁴		
			Count	% ²	% ¹	Count	% ²	% ¹
PHI	72	50.0	6	8.3	4.2	0	0.0	0.0
PSI	72	50.0	10	13.9	6.9	0	0.0	0.0
Total	144	100.0	16	11.1	11.1	0	0.0	0.0

¹ percentage calculated with respect to total number of dihedral-angle restraints, ² percentage calculated with respect to number of restraints in a particular dihedral-angle type, ³ violated in at least one model, ⁴ violated in all the models

10.1.1 Bar chart : Distribution of dihedral-angles and violations [i](#)



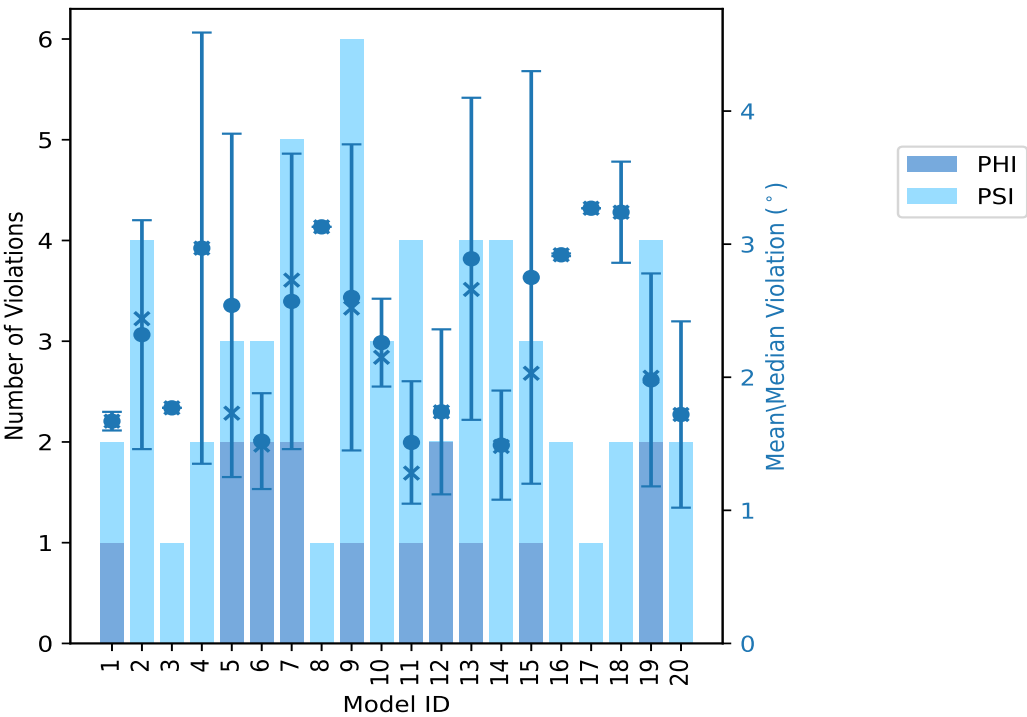
Violated and consistently violated restraints are shown using different hatch patterns in their respective categories

10.2 Dihedral-angle violation statistics for each model

The following table provides the dihedral-angle violation statistics for each model in the ensemble. Violations less than 1° are not included in the statistics.

Model ID	Number of violations			Mean (°)	Max (°)	SD (°)	Median (°)
	PHI	PSI	Total				
1	1	1	2	1.67	1.74	0.07	1.67
2	0	4	4	2.32	3.23	0.86	2.44
3	0	1	1	1.77	1.77	0.0	1.77
4	0	2	2	2.97	4.6	1.62	2.97
5	2	1	3	2.54	4.36	1.29	1.73
6	2	1	3	1.52	1.97	0.36	1.49
7	2	3	5	2.57	4.34	1.11	2.73
8	0	1	1	3.13	3.13	0.0	3.13
9	1	5	6	2.6	4.23	1.15	2.52
10	0	3	3	2.26	2.71	0.33	2.15
11	1	3	4	1.51	2.29	0.46	1.28
12	2	0	2	1.74	2.36	0.62	1.74
13	1	3	4	2.89	4.79	1.21	2.66
14	0	4	4	1.49	2.0	0.41	1.48
15	1	2	3	2.75	4.91	1.55	2.03
16	0	2	2	2.92	2.93	0.01	2.92
17	0	1	1	3.27	3.27	0.0	3.27
18	0	2	2	3.24	3.61	0.38	3.24
19	2	2	4	1.98	2.87	0.8	2.0
20	0	2	2	1.72	2.42	0.7	1.72

10.2.1 Bar graph : Dihedral violation statistics for each model [i](#)



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

10.3 Dihedral-angle violation statistics for the ensemble [i](#)

Violation analysis may find that some restraints are violated in very few models and some are violated in most of models. The following table provides this information as number of violated restraints for a given fraction of ensemble.

Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count ¹	%
5	1	6	1	5.0
0	5	5	2	10.0
0	1	1	3	15.0
0	0	0	4	20.0
0	0	0	5	25.0
0	0	0	6	30.0
0	1	1	7	35.0
0	0	0	8	40.0
0	1	1	9	45.0
1	0	1	10	50.0
0	0	0	11	55.0

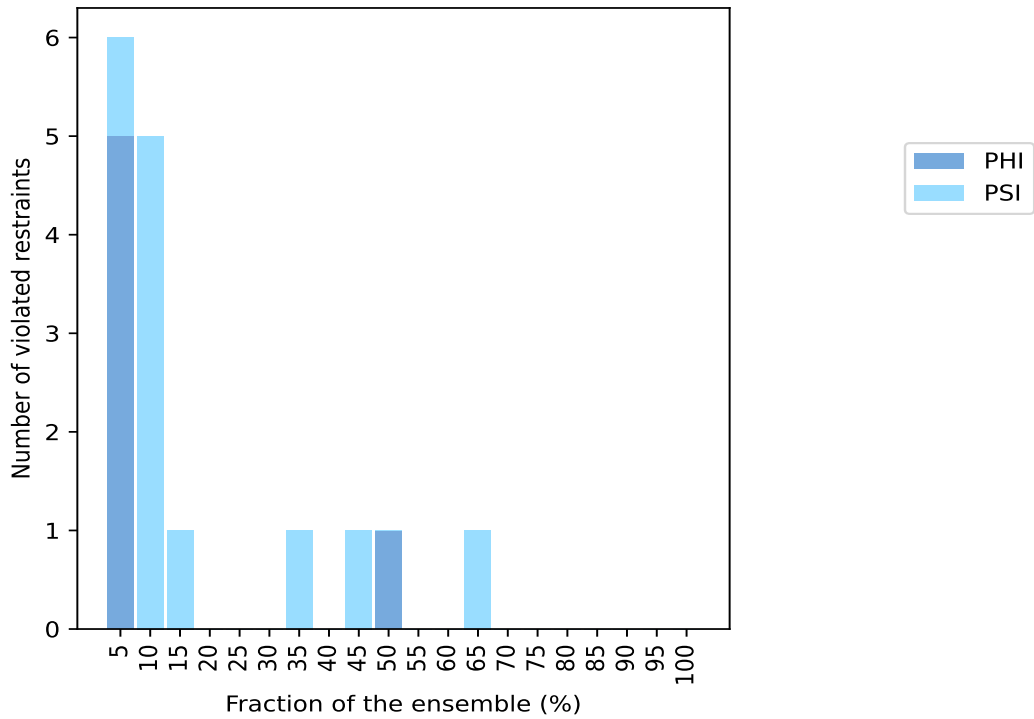
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Number of violated restraints			Fraction of the ensemble	
PHI	PSI	Total	Count ¹	%
0	0	0	12	60.0
0	1	1	13	65.0
0	0	0	14	70.0
0	0	0	15	75.0
0	0	0	16	80.0
0	0	0	17	85.0
0	0	0	18	90.0
0	0	0	19	95.0
0	0	0	20	100.0

¹ Number of models with violations

10.3.1 Bar graph : Dihedral-angle Violation statistics for the ensemble ⓘ

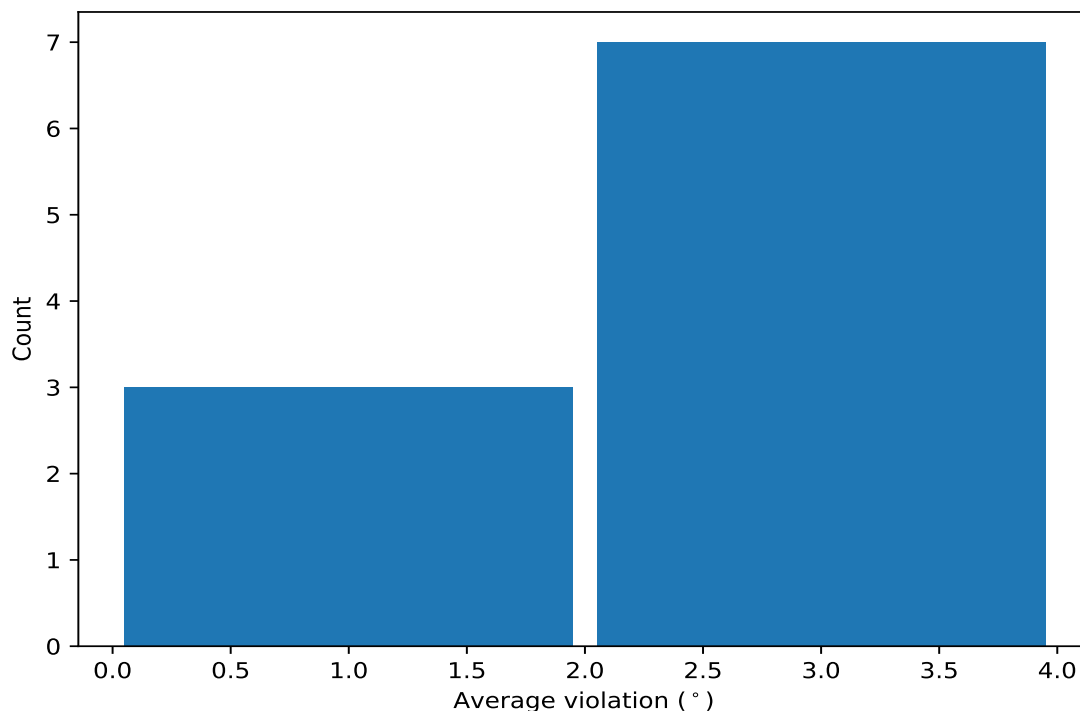


10.4 Most violated dihedral-angle restraints in the ensemble ⓘ

10.4.1 Histogram : Distribution of mean dihedral-angle violations ⓘ

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

in the ensemble



10.4.2 Table: Most violated dihedral-angle restraints [i](#)

The following table provides the mean and the standard deviation of the violation for each restraint sorted by number of violated models and the mean value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

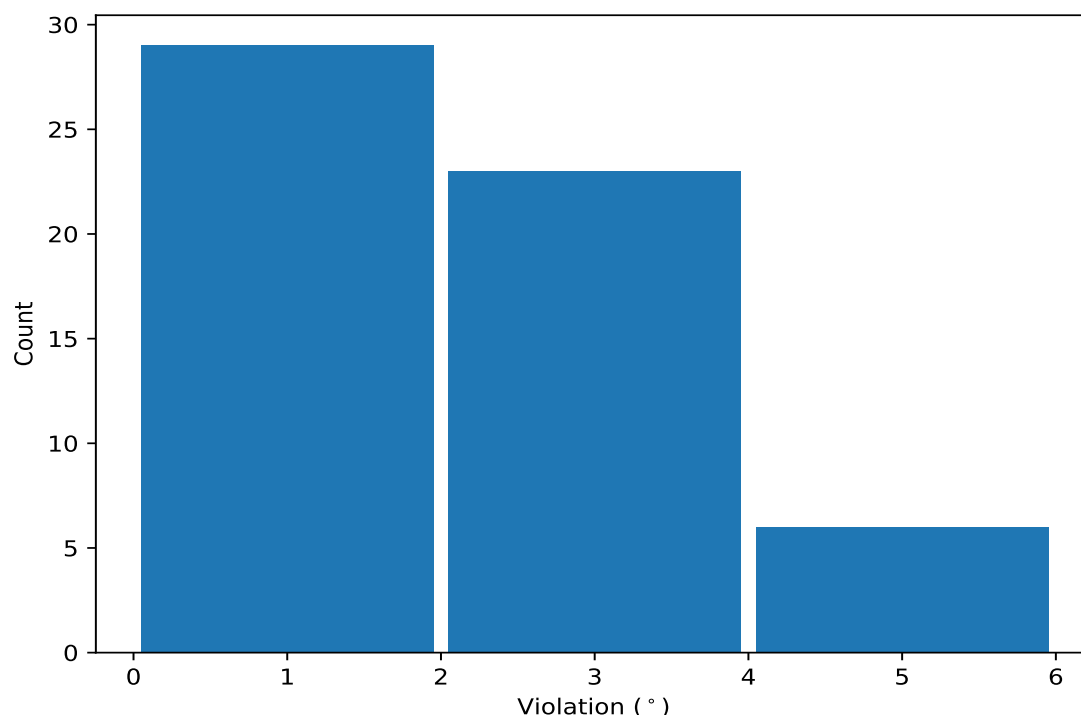
Key	Atom-1	Atom-2	Atom-3	Atom-4	Models ¹	Mean	SD ²	Median
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	13	2.64	1.22	2.42
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	10	1.83	0.69	1.54
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	9	2.46	1.05	2.71
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	7	2.73	1.09	2.52
(1,76)	1:51:A:PHE:N	1:51:A:PHE:CA	1:51:A:PHE:C	1:52:A:GLY:N	3	2.17	0.56	2.0
(1,72)	1:49:A:LYS:N	1:49:A:LYS:CA	1:49:A:LYS:C	1:50:A:ALA:N	2	2.76	1.6	2.76
(1,142)	1:91:A:LYS:N	1:91:A:LYS:CA	1:91:A:LYS:C	1:92:A:GLY:N	2	2.76	0.94	2.76
(1,36)	1:23:A:ILE:N	1:23:A:ILE:CA	1:23:A:ILE:C	1:24:A:THR:N	2	2.47	0.32	2.47
(1,44)	1:29:A:ALA:N	1:29:A:ALA:CA	1:29:A:ALA:C	1:30:A:ILE:N	2	1.47	0.27	1.47
(1,54)	1:40:A:PHE:N	1:40:A:PHE:CA	1:40:A:PHE:C	1:41:A:LEU:N	2	1.44	0.09	1.44

¹ Number of violated models, ²Standard deviation, All angle values are in degree (°)

10.5 All violated dihedral-angle restraints [i](#)

10.5.1 Histogram : Distribution of violations [i](#)

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



10.5.2 Table: All violated dihedral-angle restraints [i](#)

The following table lists the absolute value of the violation for each restraint in the ensemble sorted by its value. The Key (restraint list ID, restraint ID) is the unique identifier for a given restraint.

Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	15	4.91
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	13	4.79
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	4	4.6
(1,72)	1:49:A:LYS:N	1:49:A:LYS:CA	1:49:A:LYS:C	1:50:A:ALA:N	5	4.36
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	7	4.34
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	9	4.23
(1,142)	1:91:A:LYS:N	1:91:A:LYS:CA	1:91:A:LYS:C	1:92:A:GLY:N	9	3.69
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	18	3.61
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	17	3.27
(1,40)	1:26:A:GLU:N	1:26:A:GLU:CA	1:26:A:GLU:C	1:27:A:SER:N	2	3.23
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	8	3.13
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	2	3.07
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	9	3.06
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	7	3.02

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Key	Atom-1	Atom-2	Atom-3	Atom-4	Model ID	Violation (°)
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	16	2.93
(1,76)	1:51:A:PHE:N	1:51:A:PHE:CA	1:51:A:PHE:C	1:52:A:GLY:N	16	2.92
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	19	2.87
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	18	2.86
(1,36)	1:23:A:ILE:N	1:23:A:ILE:CA	1:23:A:ILE:C	1:24:A:THR:N	13	2.79
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	7	2.73
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	10	2.71
(1,27)	1:17:A:ASP:C	1:18:A:ILE:N	1:18:A:ILE:CA	1:18:A:ILE:C	19	2.67
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	13	2.52
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	20	2.42
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	12	2.36
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	11	2.29
(1,36)	1:23:A:ILE:N	1:23:A:ILE:CA	1:23:A:ILE:C	1:24:A:THR:N	10	2.15
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	15	2.03
(1,76)	1:51:A:PHE:N	1:51:A:PHE:CA	1:51:A:PHE:C	1:52:A:GLY:N	14	2.0
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	6	1.97
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	9	1.97
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	10	1.92
(1,142)	1:91:A:LYS:N	1:91:A:LYS:CA	1:91:A:LYS:C	1:92:A:GLY:N	2	1.82
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	3	1.77
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	14	1.76
(1,44)	1:29:A:ALA:N	1:29:A:ALA:CA	1:29:A:ALA:C	1:30:A:ILE:N	1	1.74
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	5	1.73
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	1	1.6
(1,76)	1:51:A:PHE:N	1:51:A:PHE:CA	1:51:A:PHE:C	1:52:A:GLY:N	9	1.59
(1,54)	1:40:A:PHE:N	1:40:A:PHE:CA	1:40:A:PHE:C	1:41:A:LEU:N	7	1.53
(1,71)	1:48:A:ASP:C	1:49:A:LYS:N	1:49:A:LYS:CA	1:49:A:LYS:C	5	1.52
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	6	1.49
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	13	1.45
(1,54)	1:40:A:PHE:N	1:40:A:PHE:CA	1:40:A:PHE:C	1:41:A:LEU:N	4	1.35
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	19	1.34
(1,30)	1:20:A:ARG:N	1:20:A:ARG:CA	1:20:A:ARG:C	1:21:A:GLU:N	11	1.34
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	15	1.32
(1,77)	1:52:A:GLY:C	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	7	1.24
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	11	1.22
(1,44)	1:29:A:ALA:N	1:29:A:ALA:CA	1:29:A:ALA:C	1:30:A:ILE:N	14	1.2
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	11	1.18
(1,72)	1:49:A:LYS:N	1:49:A:LYS:CA	1:49:A:LYS:C	1:50:A:ALA:N	2	1.17
(1,117)	1:78:A:LYS:C	1:79:A:ASN:N	1:79:A:ASN:CA	1:79:A:ASN:C	12	1.12
(1,25)	1:15:A:THR:C	1:16:A:CYS:N	1:16:A:CYS:CA	1:16:A:CYS:C	6	1.09
(1,33)	1:21:A:GLU:C	1:22:A:THR:N	1:22:A:THR:CA	1:22:A:THR:C	19	1.05
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	9	1.03
(1,78)	1:53:A:ILE:N	1:53:A:ILE:CA	1:53:A:ILE:C	1:54:A:LYS:N	20	1.02
(1,102)	1:66:A:ASP:N	1:66:A:ASP:CA	1:66:A:ASP:C	1:67:A:GLY:N	14	1.0