Full wwPDB NMR Structure Validation Report (i)

Mar 5, 2026 – 04:25 PM UTC

PDB ID	:	2MT9 / pdb_00002mt9
BMRB ID	:	25153
Title	:	Solution structure of holo_FldB
Authors	:	Jin, C.; Fu, W.; Ye, Q.
Deposited on	:	2014-08-15

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

We welcome your comments at *validation@mail.wwpdb.org*
A user guide is available at
https://www.wwpdb.org/validation/2017/NMRValidationReportHelp
with specific help available everywhere you see the (i) 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 (i)) were used in the production of this report:

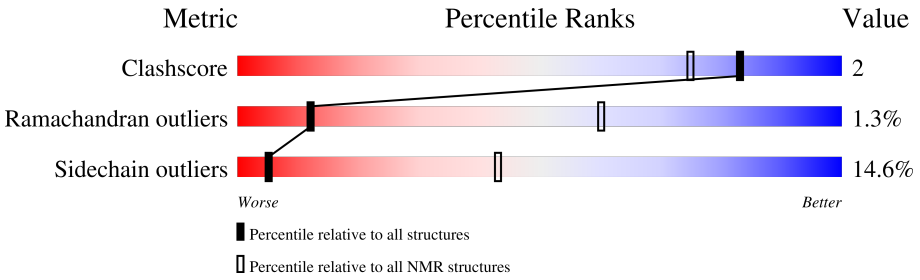
MolProbity	:	4-5-2 with Phenix2.0
Mogul	:	2022.3.0, CSD as543be (2022)
Buster-report	:	wwPDB partial adaption of 1.1.7 (2018)
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	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 90%.

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 <=5%

Mol	Chain	Length	Quality of chain
1	A	173	82% 14%

2 Ensemble composition and analysis

This entry contains 20 models. Model 4 is the overall representative, medoid model (most similar to other models). The authors have identified model 1 as representative, based on the following criterion: *minimized average structure*.

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:1-A:121, A:125-A:173 (170)	0.36	4

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 3 clusters and 2 single-model clusters were found.

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

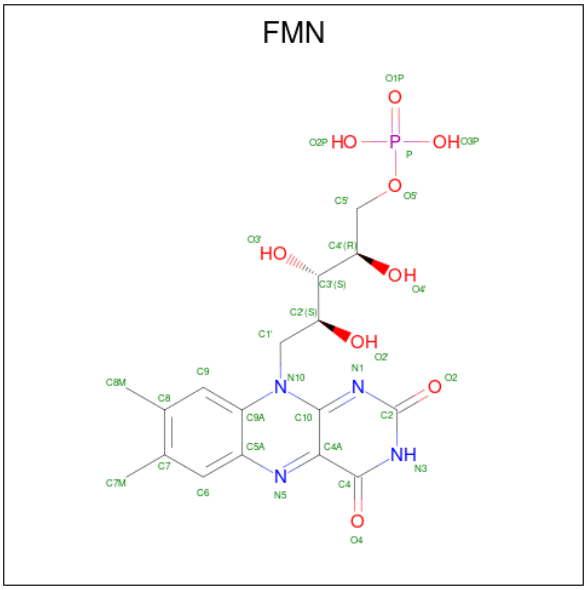
3 Entry composition

There are 2 unique types of molecules in this entry. The entry contains 2754 atoms, of which 1335 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Flavodoxin-2.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	173	2704	893	1316	212	275	8	0

- Molecule 2 is FLAVIN MONONUCLEOTIDE (CCD ID: FMN) (formula: $C_{17}H_{21}N_4O_9P$).



Mol	Chain	Residues	Atoms					
			Total	C	H	N	O	P
2	A	1	50	17	19	4	9	1

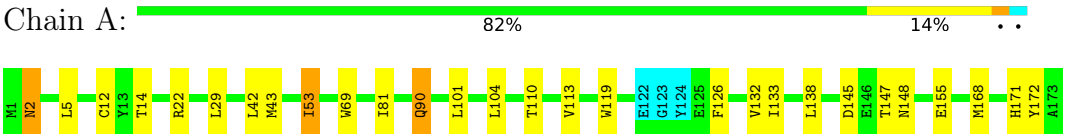
4 Residue-property plots (i)

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: Flavodoxin-2

Chain A:



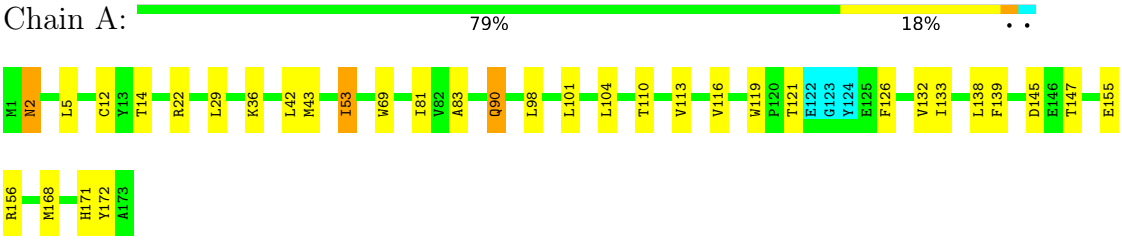
4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

• Molecule 1: Flavodoxin-2

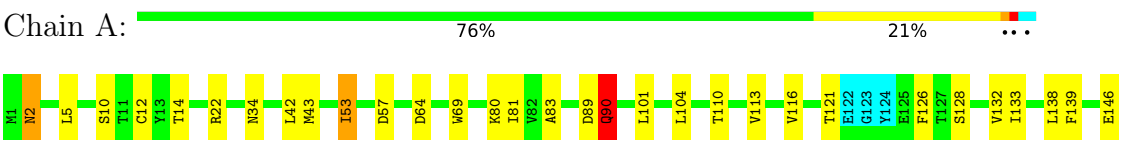
Chain A:



4.2.2 Score per residue for model 2

• Molecule 1: Flavodoxin-2

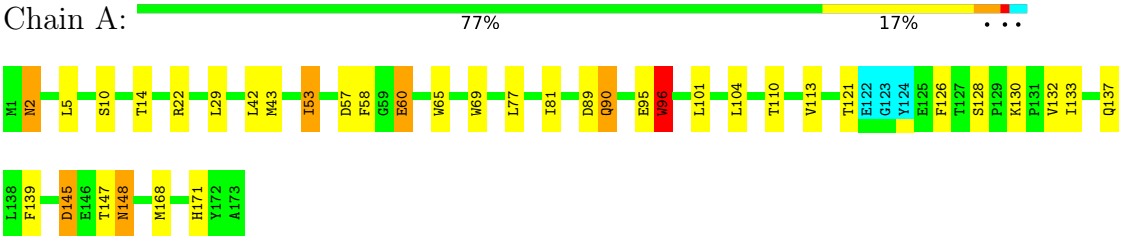
Chain A:



4.2.3 Score per residue for model 3

• Molecule 1: Flavodoxin-2

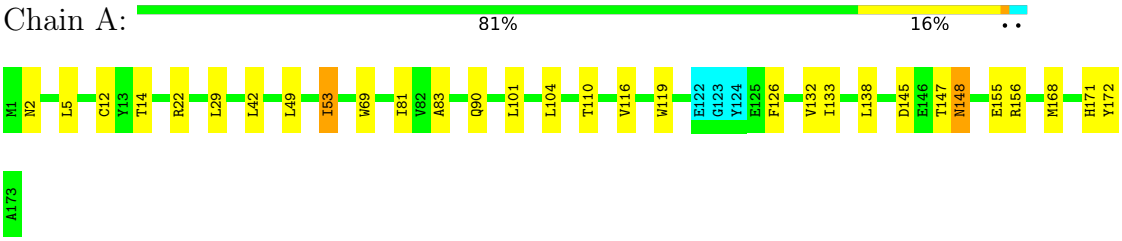
Chain A:



4.2.4 Score per residue for model 4 (medoid)

• Molecule 1: Flavodoxin-2

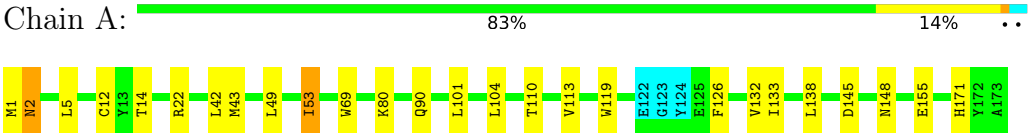
Chain A:



4.2.5 Score per residue for model 5

• Molecule 1: Flavodoxin-2

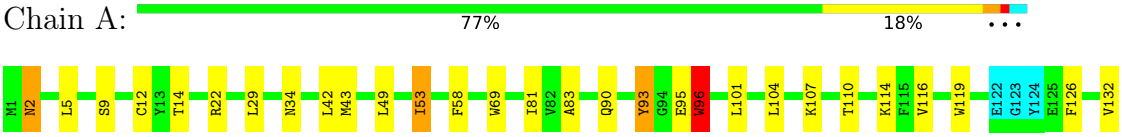
Chain A:

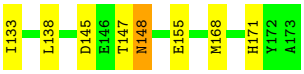


4.2.6 Score per residue for model 6

• Molecule 1: Flavodoxin-2

Chain A:

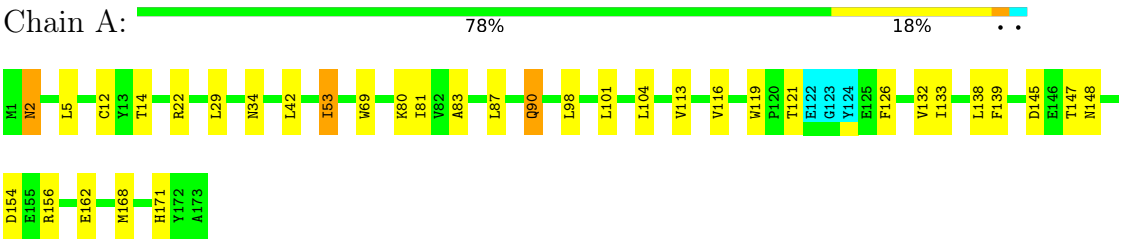




4.2.7 Score per residue for model 7

• Molecule 1: Flavodoxin-2

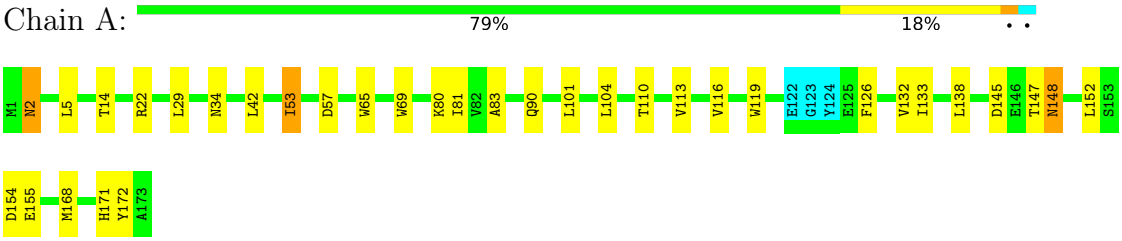
Chain A:



4.2.8 Score per residue for model 8

• Molecule 1: Flavodoxin-2

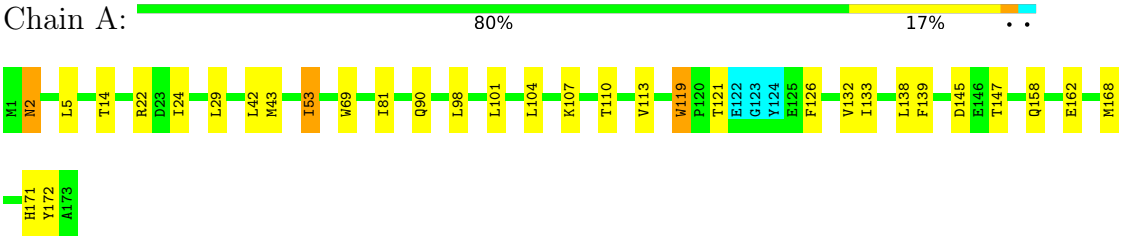
Chain A:



4.2.9 Score per residue for model 9

• Molecule 1: Flavodoxin-2

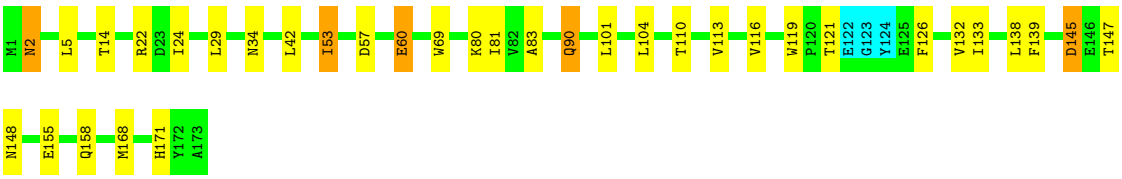
Chain A:



4.2.10 Score per residue for model 10

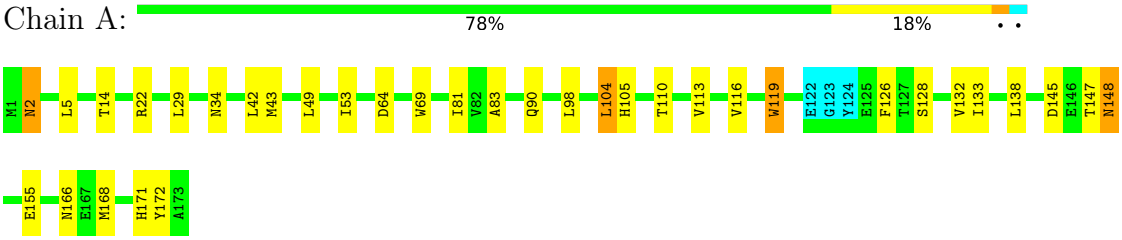
• Molecule 1: Flavodoxin-2

Chain A:



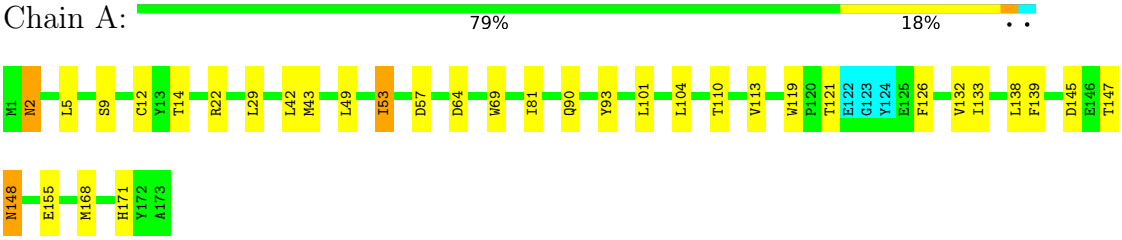
4.2.11 Score per residue for model 11

• Molecule 1: Flavodoxin-2



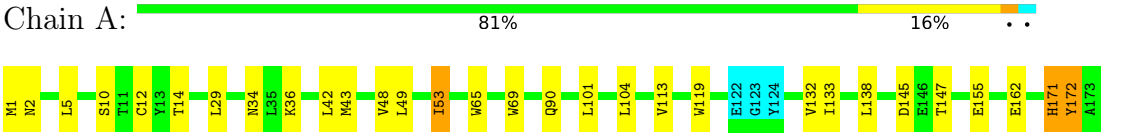
4.2.12 Score per residue for model 12

• Molecule 1: Flavodoxin-2



4.2.13 Score per residue for model 13

• Molecule 1: Flavodoxin-2



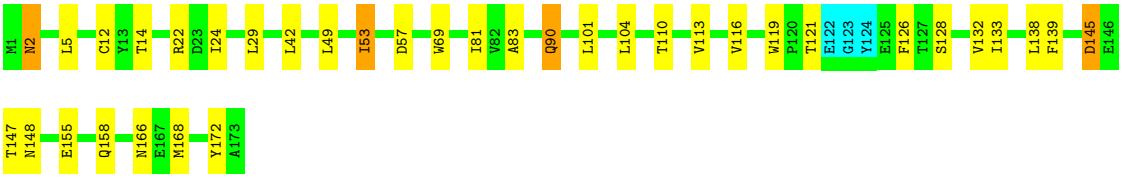
4.2.14 Score per residue for model 14

• Molecule 1: Flavodoxin-2

4.2.15 Score per residue for model 15

• Molecule 1: Flavodoxin-2

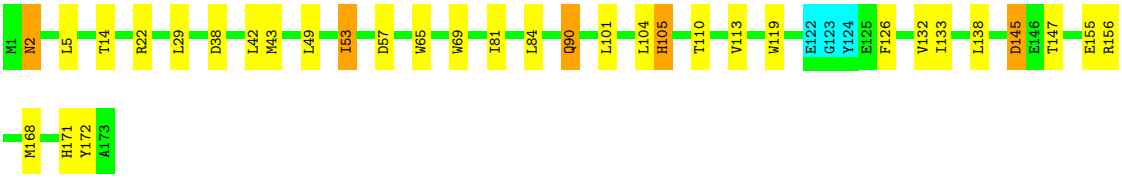
Chain A:



4.2.16 Score per residue for model 16

• Molecule 1: Flavodoxin-2

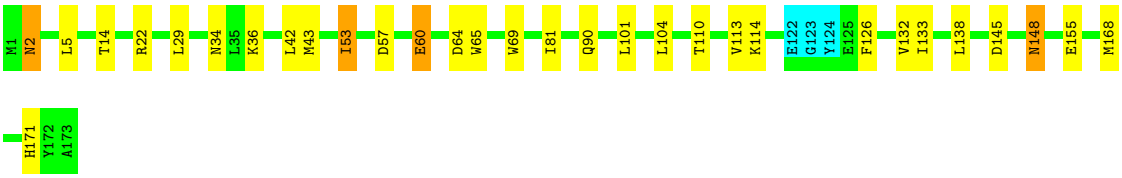
Chain A:



4.2.17 Score per residue for model 17

• Molecule 1: Flavodoxin-2

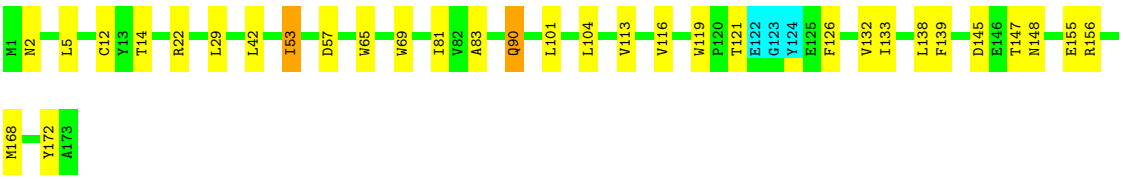
Chain A:



4.2.18 Score per residue for model 18

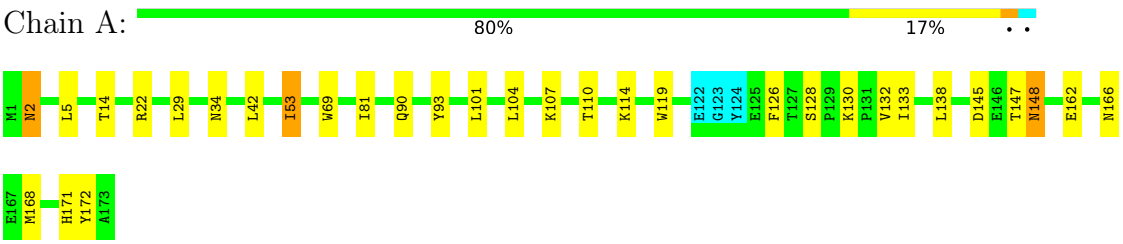
• Molecule 1: Flavodoxin-2

Chain A:



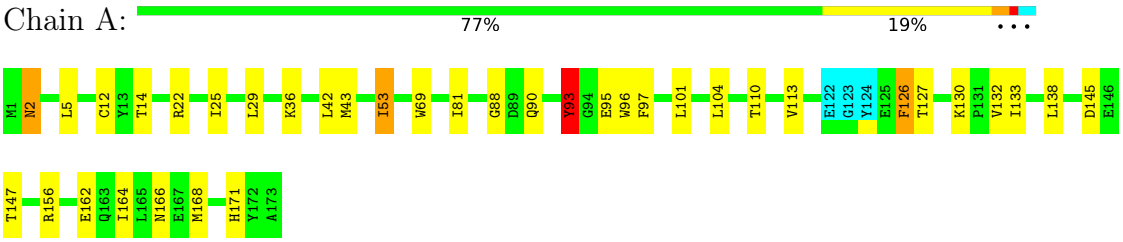
4.2.19 Score per residue for model 19

• Molecule 1: Flavodoxin-2



4.2.20 Score per residue for model 20

• Molecule 1: Flavodoxin-2



5 Refinement protocol and experimental data overview

The models were refined using the following method: *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 solution	
Amber	refinement	

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	2094
Number of shifts mapped to atoms	2094
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	90%

6 Model quality

6.1 Standard geometry

Bond lengths and bond angles in the following residue types are not validated in this section: FMN

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	0.66±0.01	0±0/1397 (0.0± 0.0%)	1.30±0.02	4±2/1897 (0.2± 0.1%)
All	All	0.66	0/27940 (0.0%)	1.30	75/37940 (0.2%)

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

Mol	Chain	Chirality	Planarity
1	A	0.0±0.0	0.5±0.7
All	All	0	10

There are no bond-length outliers.

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

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
1	A	77	LEU	N-CA-CB	-7.37	98.81	110.98	3	1
1	A	96	TRP	CB-CG-CD2	7.31	137.03	126.80	3	2
1	A	154	ASP	CA-C-N	6.90	129.83	120.44	8	2
1	A	154	ASP	C-N-CA	6.90	129.83	120.44	8	2
1	A	34	ASN	CA-CB-CG	-6.79	105.81	112.60	17	9
1	A	60	GLU	CB-CA-C	6.34	120.21	109.50	3	3
1	A	58	PHE	CA-CB-CG	6.21	120.01	113.80	3	2
1	A	171	HIS	CB-CG-CD2	-6.13	123.23	131.20	13	15
1	A	148	ASN	CA-CB-CG	5.98	118.58	112.60	17	8
1	A	2	ASN	CA-CB-CG	5.95	118.55	112.60	12	17
1	A	96	TRP	CB-CG-CD1	-5.84	118.14	126.90	6	2
1	A	90	GLN	CB-CG-CD	5.44	121.84	112.60	2	1

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
1	A	90	GLN	CG-CD-NE2	5.41	124.51	116.40	2	1
1	A	171	HIS	CA-CB-CG	-5.37	108.43	113.80	13	1
1	A	119	TRP	CB-CG-CD2	5.30	134.22	126.80	11	2
1	A	64	ASP	CA-CB-CG	5.30	117.90	112.60	12	1
1	A	96	TRP	CA-C-N	5.21	128.50	121.05	3	1
1	A	96	TRP	C-N-CA	5.21	128.50	121.05	3	1
1	A	88	GLY	CA-C-N	5.19	130.09	122.77	20	1
1	A	88	GLY	C-N-CA	5.19	130.09	122.77	20	1
1	A	36	LYS	CG-CD-CE	-5.07	99.64	111.30	13	2

There are no chirality outliers.

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

Mol	Chain	Res	Type	Group	Models (Total)
1	A	93	TYR	Sidechain	4
1	A	156	ARG	Sidechain	3
1	A	22	ARG	Sidechain	1
1	A	171	HIS	Sidechain	1
1	A	172	TYR	Sidechain	1

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	1363	1298	1298	7±2
2	A	31	19	19	0±0
All	All	27880	26340	26340	131

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:93:TYR:CE2	1:A:96:TRP:HB2	0.65	2.27	20	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:84:LEU:HD12	1:A:105:HIS:CD2	0.63	2.28	16	1
1:A:95:GLU:HB2	1:A:96:TRP:CE3	0.57	2.35	3	2
1:A:81:ILE:HG21	1:A:168:MET:HG2	0.54	1.80	9	18
1:A:24:ILE:HD13	1:A:158:GLN:HA	0.53	1.80	10	3
1:A:1:MET:SD	1:A:48:VAL:HG21	0.52	2.45	13	1
1:A:69:TRP:CH2	1:A:104:LEU:HD13	0.50	2.40	9	1
1:A:53:ILE:HD11	1:A:101:LEU:HA	0.49	1.84	20	19
1:A:69:TRP:CH2	1:A:104:LEU:HG	0.48	2.43	15	19
1:A:90:GLN:H	1:A:90:GLN:NE2	0.48	2.07	18	7
1:A:90:GLN:HE22	1:A:145:ASP:CG	0.48	2.16	10	5
1:A:93:TYR:CZ	2:A:201:FMN:N3	0.47	2.80	20	1
1:A:90:GLN:HE22	1:A:148:ASN:HD21	0.47	1.53	2	1
1:A:121:THR:HG22	1:A:139:PHE:CD1	0.46	2.45	14	10
1:A:53:ILE:HD12	1:A:104:LEU:HD12	0.46	1.87	18	1
1:A:53:ILE:H	1:A:53:ILE:HD13	0.46	1.69	4	4
1:A:83:ALA:HB2	1:A:116:VAL:CG2	0.45	2.42	11	10
1:A:93:TYR:CZ	1:A:96:TRP:HB2	0.45	2.46	20	1
1:A:69:TRP:CD1	1:A:107:LYS:HE2	0.45	2.46	9	1
1:A:53:ILE:HG22	1:A:65:TRP:CD1	0.45	2.47	14	7
1:A:1:MET:CE	1:A:172:TYR:CE1	0.44	3.01	13	1
1:A:93:TYR:CE1	2:A:201:FMN:N3	0.44	2.86	20	1
1:A:126:PHE:CG	1:A:127:THR:N	0.43	2.86	20	1
1:A:144:LEU:HD22	1:A:153:SER:HA	0.43	1.90	14	1
1:A:95:GLU:CB	1:A:96:TRP:CE3	0.43	3.02	3	1
1:A:121:THR:HG22	1:A:139:PHE:CE1	0.43	2.49	14	5
1:A:126:PHE:O	1:A:127:THR:HG22	0.42	2.13	20	1
1:A:25:ILE:HD11	1:A:164:ILE:HD11	0.42	1.92	20	1
1:A:53:ILE:HD13	1:A:53:ILE:H	0.42	1.74	6	3
1:A:53:ILE:HD13	1:A:53:ILE:N	0.41	2.31	14	1
1:A:90:GLN:NE2	1:A:148:ASN:HD21	0.41	2.13	2	1
1:A:121:THR:HA	1:A:139:PHE:CE2	0.41	2.50	9	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	168/173 (97%)	155±2 (92±1%)	11±2 (7±1%)	2±1 (1±0%)	12 60
All	All	3360/3460 (97%)	3093 (92%)	223 (7%)	44 (1%)	12 60

All 5 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	126	PHE	19
1	A	12	CYS	12
1	A	57	ASP	10
1	A	98	LEU	2
1	A	97	PHE	1

6.3.2 Protein sidechains (i)

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	146/148 (99%)	125±2 (85±1%)	21±2 (15±1%)	5 43
All	All	2920/2960 (99%)	2495 (85%)	425 (15%)	5 43

All 48 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	2	ASN	20
1	A	5	LEU	20
1	A	42	LEU	20
1	A	53	ILE	20
1	A	90	GLN	20
1	A	132	VAL	20
1	A	133	ILE	20
1	A	14	THR	19
1	A	138	LEU	19
1	A	145	ASP	19
1	A	22	ARG	18
1	A	29	LEU	18
1	A	147	THR	18

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	110	THR	17
1	A	113	VAL	17
1	A	119	TRP	15
1	A	155	GLU	14
1	A	43	MET	13
1	A	148	ASN	13
1	A	172	TYR	11
1	A	49	LEU	8
1	A	162	GLU	6
1	A	80	LYS	5
1	A	128	SER	5
1	A	166	ASN	5
1	A	36	LYS	3
1	A	10	SER	3
1	A	64	ASP	3
1	A	60	GLU	3
1	A	130	LYS	3
1	A	156	ARG	3
1	A	114	LYS	3
1	A	98	LEU	2
1	A	171	HIS	2
1	A	89	ASP	2
1	A	96	TRP	2
1	A	9	SER	2
1	A	93	TYR	2
1	A	107	LYS	2
1	A	105	HIS	2
1	A	146	GLU	1
1	A	137	GLN	1
1	A	1	MET	1
1	A	87	LEU	1
1	A	152	LEU	1
1	A	104	LEU	1
1	A	38	ASP	1
1	A	95	GLU	1

6.3.3 RNA

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)

1 ligand is modelled in this entry.

In the following table, the Counts columns list the number of bonds for which Mogul statistics could be retrieved, the number of bonds that are observed in the model and the number of bonds that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond length is the number of standard deviations the observed value is removed from the expected value. A bond length with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond lengths.

Mol	Type	Chain	Res	Link	Bond lengths		
					Counts	RMSZ	#Z>2
2	FMN	A	201	-	33,33,33	1.54±0.04	6±1 (18±2%)

In the following table, the Counts columns list the number of angles for which Mogul statistics could be retrieved, the number of angles that are observed in the model and the number of angles that are defined in the chemical component dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond angle is the number of standard deviations the observed value is removed from the expected value. A bond angle with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the average root-mean-square of all Z scores of the bond angles.

Mol	Type	Chain	Res	Link	Bond angles		
					Counts	RMSZ	#Z>2
2	FMN	A	201	-	48,50,50	1.41±0.07	7±1 (14±3%)

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the chemical component dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
2	FMN	A	201	-	-	0±0,18,18,18	0±0,3,3,3

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

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)	Models	
								Worst	Total
2	A	201	FMN	C4A-N5	5.58	1.42	1.30	16	20
2	A	201	FMN	C1'-C2'	3.23	1.57	1.52	2	13
2	A	201	FMN	C5'-C4'	3.08	1.56	1.51	2	5
2	A	201	FMN	C5A-N5	2.98	1.44	1.39	9	20
2	A	201	FMN	P-O3P	2.52	1.45	1.54	6	18
2	A	201	FMN	C4-N3	2.50	1.34	1.38	20	18
2	A	201	FMN	P-O2P	2.48	1.45	1.54	9	9
2	A	201	FMN	C2-N3	2.47	1.33	1.39	20	20
2	A	201	FMN	C2'-C3'	2.25	1.57	1.53	3	1

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

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
2	A	201	FMN	O5'-P-O1P	4.15	117.66	106.44	10	7
2	A	201	FMN	C4A-C10-N1	3.79	115.30	124.59	2	20
2	A	201	FMN	C4A-C10-N10	3.73	121.81	116.48	17	20
2	A	201	FMN	C5'-C4'-C3'	3.57	118.96	112.22	10	11
2	A	201	FMN	C4'-C3'-C2'	3.34	119.14	113.57	3	3
2	A	201	FMN	C10-N1-C2	3.30	124.00	116.85	2	20
2	A	201	FMN	C10-C4A-N5	3.22	118.24	124.81	9	20
2	A	201	FMN	O2P-P-O5'	3.18	114.97	106.67	12	5
2	A	201	FMN	O3'-C3'-C4'	2.88	102.39	108.93	7	4
2	A	201	FMN	C1'-C2'-C3'	2.83	117.33	109.66	2	3
2	A	201	FMN	C4-C4A-C10	2.47	121.17	116.93	12	20
2	A	201	FMN	O5'-C5'-C4'	2.33	103.14	109.36	15	2
2	A	201	FMN	O3P-P-O5'	2.21	112.43	106.67	9	1
2	A	201	FMN	C4-C4A-N5	2.13	121.15	118.21	16	4
2	A	201	FMN	O2P-P-O1P	2.12	102.57	110.83	9	1

There are no chirality outliers.

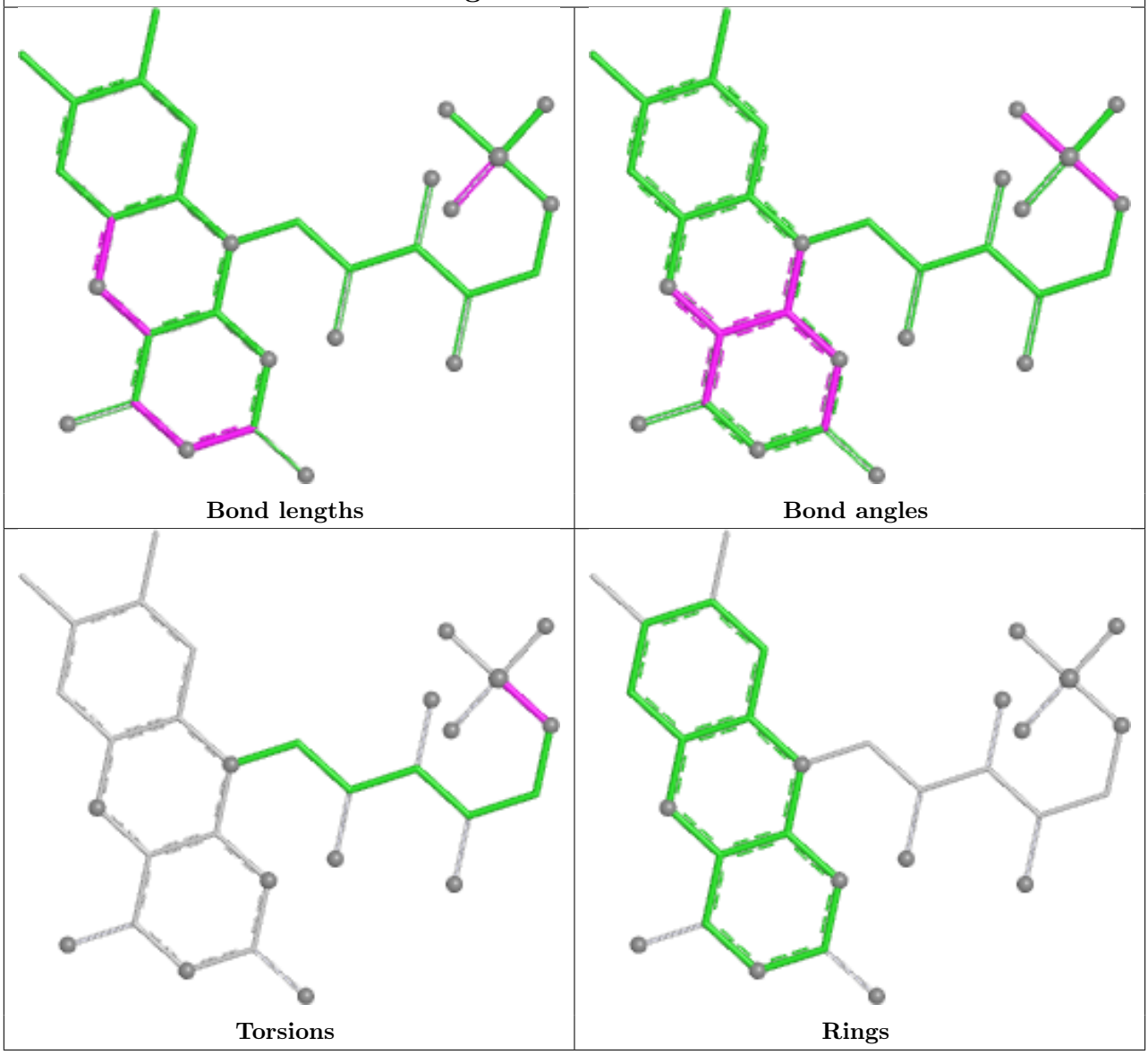
There are no torsion outliers.

There are no ring outliers.

The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less then 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier.

Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.

Ligand FMN A 201



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 90% 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: *assigned_chem_shift_list_1*

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	2094
Number of shifts mapped to atoms	2094
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	29

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	173	-0.31 ± 0.14	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	156	0.08 ± 0.13	None needed (< 0.5 ppm)
$^{13}C'$	169	-0.05 ± 0.13	None needed (< 0.5 ppm)
^{15}N	166	0.28 ± 0.44	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 90%, i.e. 2068 atoms were assigned a chemical shift out of a possible 2292. 0 out of 30 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	846/853 (99%)	347/349 (99%)	336/340 (99%)	163/164 (99%)
Sidechain	1086/1214 (89%)	728/791 (92%)	345/396 (87%)	13/27 (48%)

Continued on next page...

Continued from previous page...

	Total	^{1}H	^{13}C	^{15}N
Aromatic	136/225 (60%)	70/110 (64%)	60/106 (57%)	6/9 (67%)
Overall	2068/2292 (90%)	1145/1250 (92%)	741/842 (88%)	182/200 (91%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 90%, i.e. 2094 atoms were assigned a chemical shift out of a possible 2327. 0 out of 30 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	862/869 (99%)	354/356 (99%)	342/346 (99%)	166/167 (99%)
Sidechain	1094/1224 (89%)	733/797 (92%)	348/400 (87%)	13/27 (48%)
Aromatic	138/234 (59%)	72/114 (63%)	60/111 (54%)	6/9 (67%)
Overall	2094/2327 (90%)	1159/1267 (91%)	750/857 (88%)	185/203 (91%)

7.1.4 Statistically unusual chemical shifts (i)

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	22	ARG	NE	116.65	76.53 – 92.65	19.9
1	A	56	TRP	HE3	11.36	5.27 – 9.37	9.8
1	A	142	LEU	HB3	-1.67	-0.26 – 3.31	-8.9
1	A	95	GLU	HB3	0.38	0.95 – 3.05	-7.7
1	A	95	GLU	HB2	0.45	1.00 – 3.05	-7.7
1	A	98	LEU	HD11	-1.06	-0.61 – 2.12	-6.7
1	A	98	LEU	HD12	-1.06	-0.61 – 2.12	-6.7
1	A	98	LEU	HD13	-1.06	-0.61 – 2.12	-6.7
1	A	90	GLN	HB3	0.30	0.71 – 3.33	-6.5
1	A	98	LEU	HG	-0.57	-0.13 – 3.16	-6.3
1	A	35	LEU	HD21	-0.98	-0.65 – 2.13	-6.2
1	A	35	LEU	HD22	-0.98	-0.65 – 2.13	-6.2
1	A	35	LEU	HD23	-0.98	-0.65 – 2.13	-6.2
1	A	121	THR	HG21	-0.13	0.08 – 2.19	-6.0
1	A	121	THR	HG22	-0.13	0.08 – 2.19	-6.0
1	A	121	THR	HG23	-0.13	0.08 – 2.19	-6.0
1	A	142	LEU	HD11	-0.88	-0.61 – 2.12	-6.0
1	A	142	LEU	HD12	-0.88	-0.61 – 2.12	-6.0
1	A	142	LEU	HD13	-0.88	-0.61 – 2.12	-6.0
1	A	10	SER	H	11.64	5.45 – 11.10	6.0
1	A	148	ASN	HD22	9.91	4.69 – 9.61	5.6
1	A	148	ASN	ND2	125.05	101.55 – 123.95	5.5

Continued on next page...

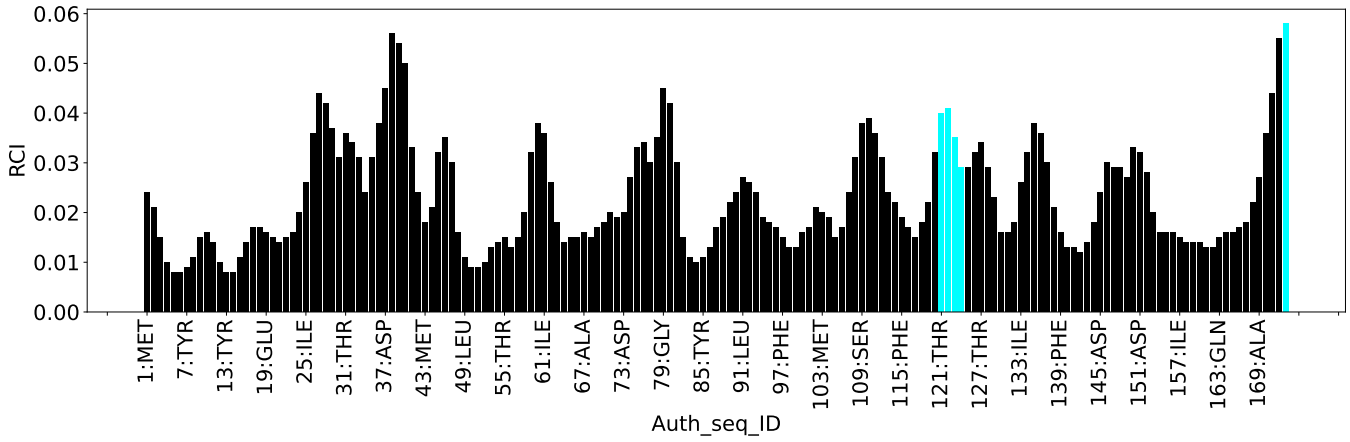
Continued from previous page...

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	A	142	LEU	HG	-0.26	-0.13 – 3.16	-5.4
1	A	14	THR	H	11.40	5.19 – 11.27	5.2
1	A	143	ALA	H	5.19	5.31 – 11.08	-5.2
1	A	143	ALA	HB1	0.09	0.14 – 2.58	-5.2
1	A	143	ALA	HB2	0.09	0.14 – 2.58	-5.2
1	A	143	ALA	HB3	0.09	0.14 – 2.58	-5.2
1	A	4	GLY	HA3	2.07	2.08 – 5.71	-5.0

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	5376
Intra-residue (|i-j|=0)	2074
Sequential (|i-j|=1)	1284
Medium range (|i-j|>1 and |i-j|<5)	685
Long range (|i-j|≥5)	1319
Inter-chain	14
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	30.9
Number of long range restraints per residue[1]	7.6

[1]Long 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)	123.2	0.2
0.2-0.5 (Medium)	87.7	0.5
>0.5 (Large)	233.7	2.8

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

Dihedral-angle violations less than 1° are not included in the calculation.There are no dihedral-angle violations

9 Distance violation analysis (i)

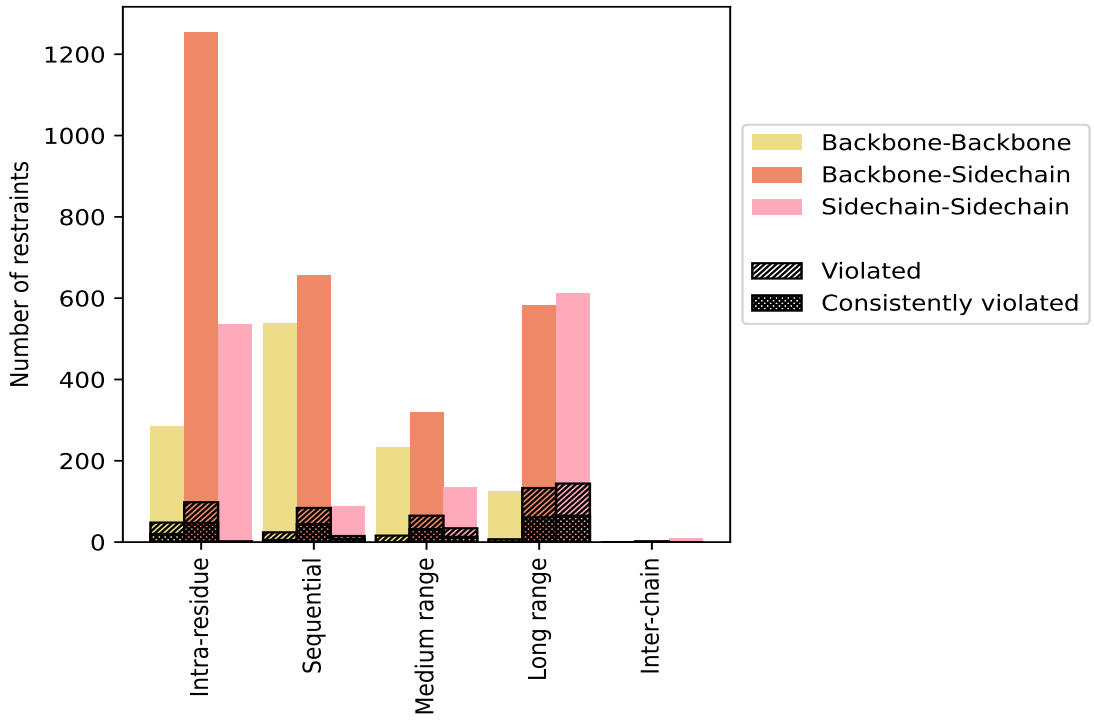
9.1 Summary of distance violations (i)

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.

Restraints type	Count	%[1]	Violated[3]			Consistently Violated[4]		
			Count	%[2]	%[1]	Count	%[2]	%[1]
Intra-residue (|i-j|=0)	2074	38.6	148	7.1	2.8	67	3.2	1.2
Backbone-Backbone	284	5.3	48	16.9	0.9	20	7.0	0.4
Backbone-Sidechain	1254	23.3	98	7.8	1.8	47	3.7	0.9
Sidechain-Sidechain	536	10.0	2	0.4	0.0	0	0.0	0.0
Sequential (|i-j|=1)	1284	23.9	123	9.6	2.3	57	4.4	1.1
Backbone-Backbone	539	10.0	24	4.5	0.4	5	0.9	0.1
Backbone-Sidechain	656	12.2	84	12.8	1.6	44	6.7	0.8
Sidechain-Sidechain	89	1.7	15	16.9	0.3	8	9.0	0.1
Medium range (|i-j|>1 & |i-j|<5)	685	12.7	115	16.8	2.1	45	6.6	0.8
Backbone-Backbone	233	4.3	16	6.9	0.3	0	0.0	0.0
Backbone-Sidechain	318	5.9	65	20.4	1.2	32	10.1	0.6
Sidechain-Sidechain	134	2.5	34	25.4	0.6	13	9.7	0.2
Long range (|i-j|≥5)	1319	24.5	284	21.5	5.3	127	9.6	2.4
Backbone-Backbone	125	2.3	7	5.6	0.1	1	0.8	0.0
Backbone-Sidechain	583	10.8	133	22.8	2.5	61	10.5	1.1
Sidechain-Sidechain	611	11.4	144	23.6	2.7	65	10.6	1.2
Inter-chain	14	0.3	2	14.3	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	5	0.1	2	40.0	0.0	0	0.0	0.0
Sidechain-Sidechain	9	0.2	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	0	0.0	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	5376	100.0	672	12.5	12.5	296	5.5	5.5
Backbone-Backbone	1181	22.0	95	8.0	1.8	26	2.2	0.5
Backbone-Sidechain	2816	52.4	382	13.6	7.1	184	6.5	3.4
Sidechain-Sidechain	1379	25.7	195	14.1	3.6	86	6.2	1.6

[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



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

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	112	84	81	204	0	481	0.74	2.77	0.63	0.55
2	109	79	69	192	0	449	0.76	2.8	0.63	0.57
3	118	84	69	189	0	460	0.73	2.74	0.64	0.51
4	113	77	64	191	0	445	0.72	2.73	0.63	0.49
5	110	77	72	188	0	447	0.72	2.76	0.63	0.5
6	106	86	73	186	0	451	0.7	2.76	0.63	0.49
7	106	84	75	203	0	468	0.76	2.78	0.63	0.57
8	114	78	75	198	0	465	0.74	2.77	0.63	0.55
9	112	84	74	195	1	466	0.71	2.76	0.63	0.51
10	116	74	67	196	0	453	0.75	2.76	0.63	0.6

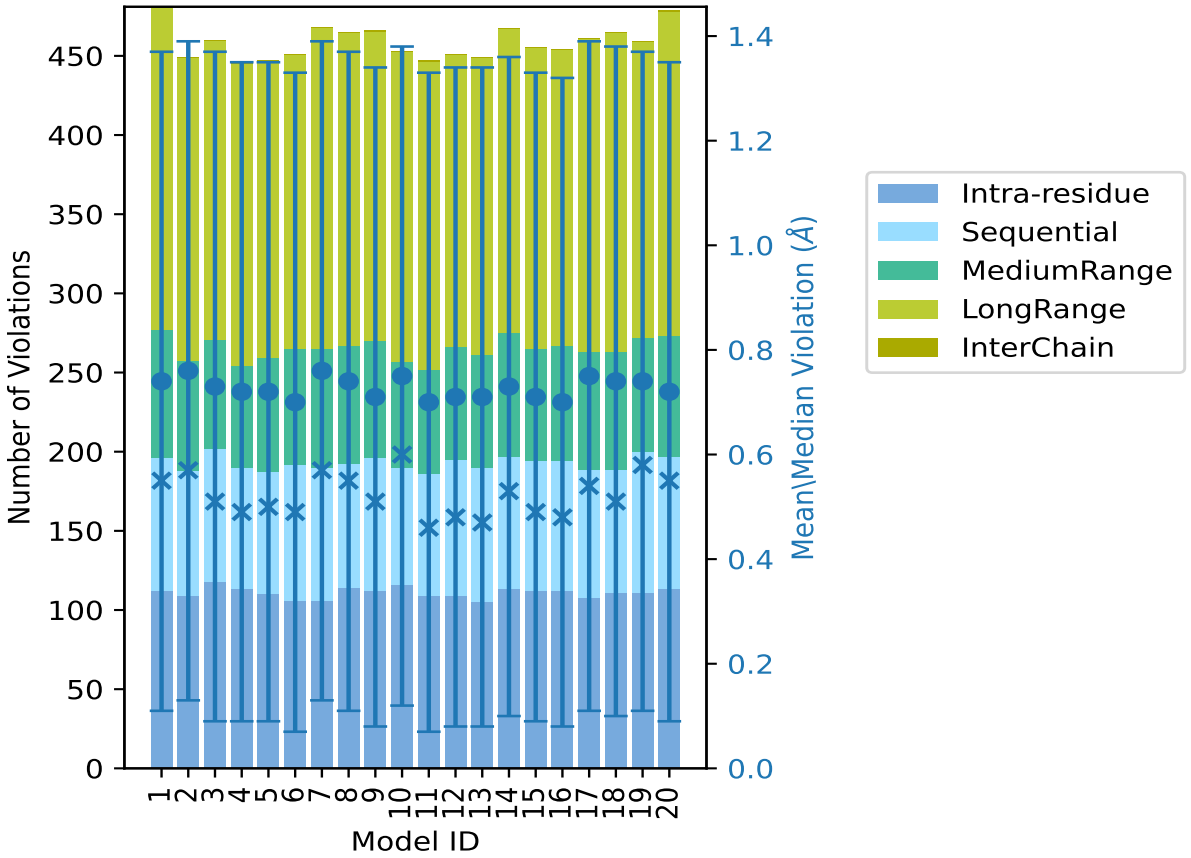
Continued on next page...

Continued from previous page...

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	109	77	66	194	1	447	0.7	2.74	0.63	0.46
12	109	86	71	185	0	451	0.71	2.77	0.63	0.48
13	105	85	71	188	0	449	0.71	2.74	0.63	0.47
14	113	84	78	192	0	467	0.73	2.78	0.63	0.53
15	112	82	71	190	0	455	0.71	2.8	0.62	0.49
16	112	82	73	187	0	454	0.7	2.76	0.62	0.48
17	108	81	74	198	0	461	0.75	2.79	0.64	0.54
18	111	78	74	202	0	465	0.74	2.79	0.64	0.51
19	111	89	72	187	0	459	0.74	2.77	0.63	0.58
20	113	84	76	205	1	479	0.72	2.75	0.63	0.55

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

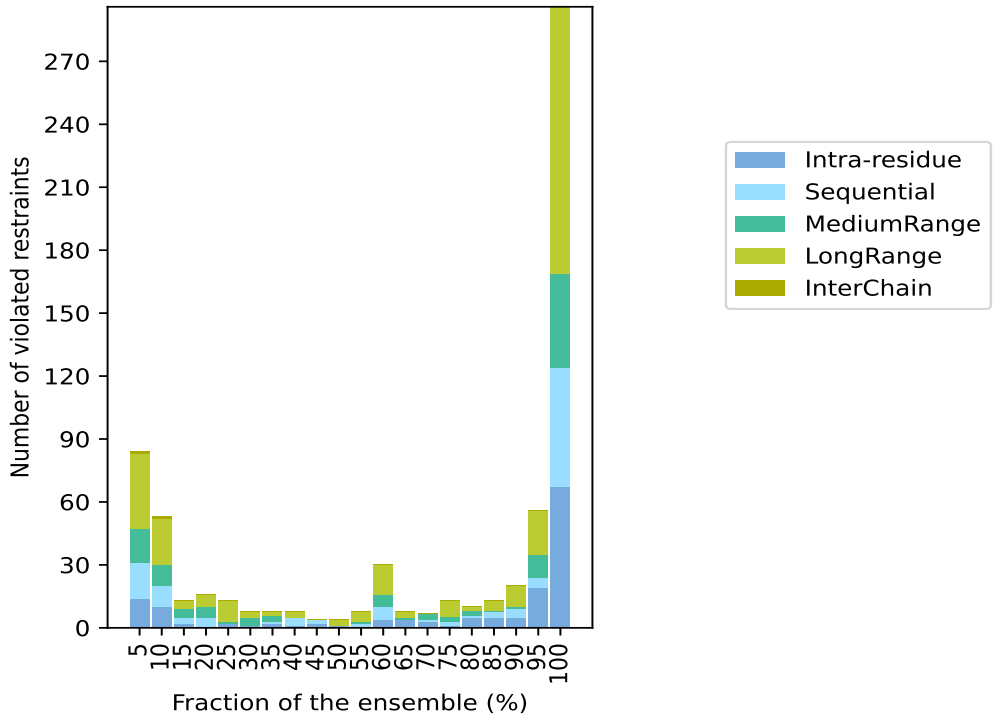
9.3 Distance violation statistics for the ensemble (i)

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, 4704(IR:1926, SQ:1161, MR:570, LR:1035, IC:12) 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]	%
14	17	16	36	1	84	1	5.0
10	10	10	22	1	53	2	10.0
2	3	4	4	0	13	3	15.0
0	5	5	6	0	16	4	20.0
2	0	1	10	0	13	5	25.0
1	0	4	3	0	8	6	30.0
2	1	3	2	0	8	7	35.0
1	4	0	3	0	8	8	40.0
2	2	0	0	0	4	9	45.0
1	0	0	3	0	4	10	50.0
0	2	1	5	0	8	11	55.0
4	6	6	14	0	30	12	60.0
4	0	1	3	0	8	13	65.0
3	1	3	0	0	7	14	70.0
1	2	2	8	0	13	15	75.0
5	1	2	2	0	10	16	80.0
5	3	0	5	0	13	17	85.0
5	4	1	10	0	20	18	90.0
19	5	11	21	0	56	19	95.0
67	57	45	127	0	296	20	100.0

[1]Intra-residue restraints, [2]Sequential restraints, [3]Medium range restraints, [4]Long range restraints, [5]Inter-chain restraints, [6] Number of models with violations

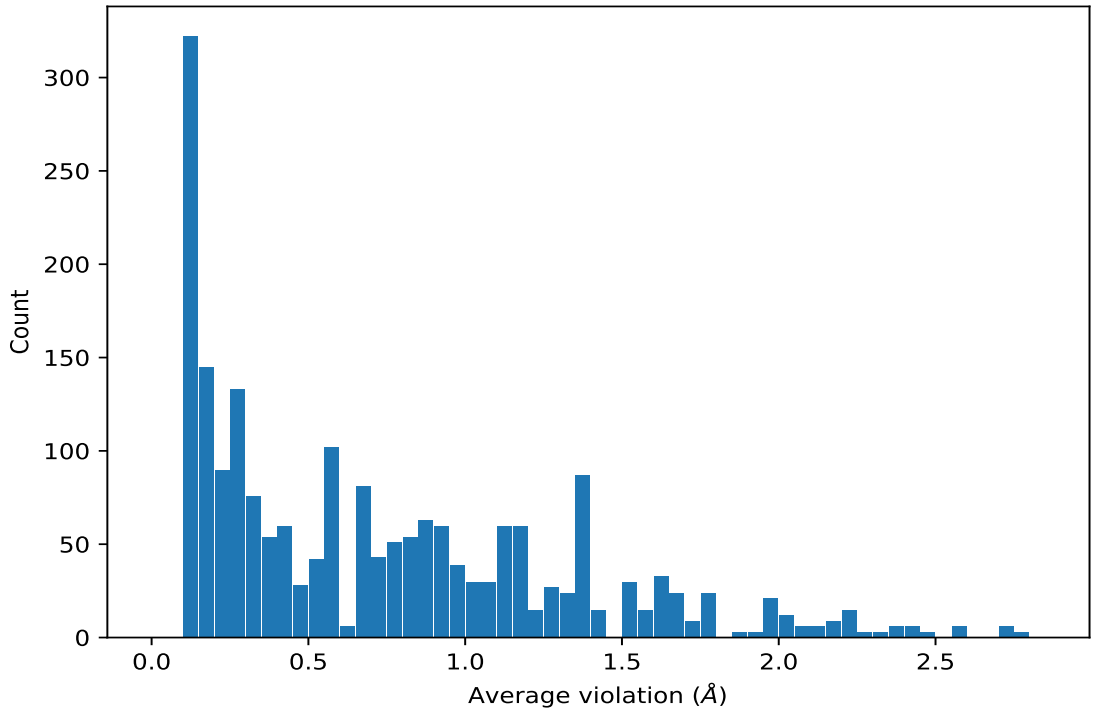
9.3.1 Bar graph : Distance violation statistics for the ensemble



9.4 Most violated distance restraints in the ensemble

9.4.1 Histogram : Distribution of mean distance 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



9.4.2 Table: Most violated distance restraints

The following table provides the mean and the standard deviation of theviolation 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)
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	20	2.76	0.02	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	20	2.76	0.02	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	20	2.76	0.02	2.76
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	20	2.74	0.04	2.76
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	20	2.74	0.04	2.76
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	20	2.74	0.04	2.76
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	20	2.7	0.03	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	20	2.7	0.03	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	20	2.7	0.03	2.7
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	20	2.46	0.04	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	20	2.46	0.04	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	20	2.46	0.04	2.47
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	20	2.41	0.03	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	20	2.41	0.03	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	20	2.41	0.03	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	20	2.39	0.05	2.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	20	2.39	0.05	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	20	2.39	0.05	2.4
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	20	2.35	0.15	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	20	2.35	0.15	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	20	2.35	0.15	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	20	2.32	0.03	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	20	2.32	0.03	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	20	2.32	0.03	2.32
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	20	2.25	0.1	2.26
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	20	2.25	0.1	2.26
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	20	2.25	0.1	2.26
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	20	2.2	0.03	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	20	2.2	0.03	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	20	2.2	0.03	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	20	2.19	0.07	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	20	2.19	0.07	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	20	2.19	0.07	2.2
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	20	2.17	0.04	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	20	2.17	0.04	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	20	2.17	0.04	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	20	2.16	0.01	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	20	2.16	0.01	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	20	2.16	0.01	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	20	2.11	0.31	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	20	2.11	0.31	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	20	2.11	0.31	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	20	2.11	0.31	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	20	2.11	0.31	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	20	2.11	0.31	2.22
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	20	2.08	0.05	2.08
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	20	2.08	0.05	2.08
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	20	2.08	0.05	2.08
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	20	2.07	0.03	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	20	2.07	0.03	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	20	2.07	0.03	2.07
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	20	2.02	0.04	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	20	2.02	0.04	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	20	2.02	0.04	2.01
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	20	2.02	0.04	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	20	2.02	0.04	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	20	2.02	0.04	2.03
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	20	1.99	0.04	2.0
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	20	1.99	0.04	2.0
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	20	1.99	0.04	2.0
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	20	1.98	0.08	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	20	1.98	0.08	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	20	1.98	0.08	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	20	1.98	0.08	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	20	1.98	0.08	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	20	1.98	0.08	1.95
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	20	1.98	0.02	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	20	1.98	0.02	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	20	1.98	0.02	1.98
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	20	1.98	0.02	1.98
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	20	1.98	0.02	1.98
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	20	1.98	0.02	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	20	1.96	0.08	1.97
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	20	1.96	0.08	1.97
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	20	1.96	0.08	1.97
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	20	1.96	0.08	1.97
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	20	1.96	0.08	1.97
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	20	1.96	0.08	1.97
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	20	1.91	0.09	1.9
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	20	1.91	0.09	1.9
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	20	1.91	0.09	1.9
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	20	1.79	0.08	1.82
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	20	1.79	0.08	1.82
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	20	1.79	0.08	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	20	1.79	0.08	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	20	1.79	0.08	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	20	1.79	0.08	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	20	1.79	0.29	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	20	1.79	0.29	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	20	1.79	0.29	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	20	1.79	0.29	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	20	1.79	0.29	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	20	1.79	0.29	1.87
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	20	1.77	0.09	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	20	1.77	0.09	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	20	1.77	0.09	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	20	1.76	0.02	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	20	1.76	0.02	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	20	1.76	0.02	1.76
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	20	1.75	0.2	1.82
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	20	1.75	0.2	1.82
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	20	1.75	0.2	1.82
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	20	1.75	0.2	1.82
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	20	1.75	0.2	1.82
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	20	1.75	0.2	1.82
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	20	1.71	0.39	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	20	1.71	0.39	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	20	1.71	0.39	1.72
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	20	1.71	0.39	1.72
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	20	1.71	0.39	1.72
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	20	1.71	0.39	1.72
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	20	1.7	0.03	1.7
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	20	1.7	0.03	1.7
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	20	1.7	0.03	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	20	1.7	0.07	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	20	1.7	0.07	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	20	1.7	0.07	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	20	1.69	0.03	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	20	1.69	0.03	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	20	1.69	0.03	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	20	1.68	0.03	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	20	1.68	0.03	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	20	1.68	0.03	1.67
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	20	1.68	0.03	1.67
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	20	1.68	0.03	1.67
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	20	1.68	0.03	1.67
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	20	1.68	0.07	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	20	1.68	0.07	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	20	1.68	0.07	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	20	1.67	0.07	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	20	1.67	0.07	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	20	1.67	0.07	1.68
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	20	1.67	0.07	1.68
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	20	1.67	0.07	1.68
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	20	1.67	0.07	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	20	1.64	0.05	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	20	1.64	0.05	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	20	1.64	0.05	1.65
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	20	1.64	0.05	1.65
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	20	1.64	0.05	1.65
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	20	1.64	0.05	1.65
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	20	1.64	0.12	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	20	1.64	0.12	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	20	1.64	0.12	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	20	1.64	0.12	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	20	1.64	0.12	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	20	1.64	0.12	1.61
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	20	1.63	0.14	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	20	1.63	0.14	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	20	1.61	0.16	1.58
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	20	1.61	0.16	1.58
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	20	1.61	0.16	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	20	1.61	0.02	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	20	1.61	0.02	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	20	1.61	0.02	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	20	1.61	0.02	1.6
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	20	1.61	0.02	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	20	1.61	0.02	1.6
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	20	1.58	0.02	1.58
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	20	1.58	0.02	1.58
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	20	1.58	0.02	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	20	1.56	0.07	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	20	1.56	0.07	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	20	1.56	0.07	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	20	1.56	0.07	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	20	1.56	0.07	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	20	1.56	0.07	1.57
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	20	1.56	0.06	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	20	1.56	0.06	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	20	1.56	0.06	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	20	1.54	0.06	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	20	1.54	0.06	1.54
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	20	1.54	0.06	1.54
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	20	1.52	0.05	1.52
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	20	1.52	0.05	1.52
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	20	1.52	0.05	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	20	1.51	0.09	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	20	1.51	0.09	1.52
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	20	1.51	0.42	1.63
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	20	1.51	0.42	1.63
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	20	1.51	0.42	1.63
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	20	1.5	0.03	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	20	1.5	0.03	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	20	1.5	0.03	1.51
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	20	1.5	0.05	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	20	1.5	0.05	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	20	1.5	0.05	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	20	1.5	0.05	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	20	1.5	0.05	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	20	1.5	0.05	1.5
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	20	1.43	0.22	1.34
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	20	1.43	0.22	1.34
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	20	1.41	0.03	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	20	1.41	0.03	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	20	1.41	0.03	1.4
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	20	1.4	0.16	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	20	1.4	0.16	1.37
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	20	1.4	0.16	1.37
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	20	1.4	0.03	1.39
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	20	1.4	0.03	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	20	1.4	0.03	1.39
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	20	1.39	0.03	1.39
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	20	1.39	0.03	1.39
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	20	1.39	0.03	1.39
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	20	1.36	0.14	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	20	1.36	0.14	1.38
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	20	1.36	0.37	1.3
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	20	1.36	0.37	1.3
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	20	1.36	0.37	1.3
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	20	1.35	0.24	1.32
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	20	1.35	0.24	1.32
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	20	1.35	0.24	1.32
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	20	1.35	0.24	1.32
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	20	1.35	0.24	1.32
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	20	1.35	0.24	1.32
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	20	1.35	0.08	1.36
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	20	1.35	0.08	1.36
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	20	1.35	0.08	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	20	1.35	0.08	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	20	1.35	0.08	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	20	1.35	0.08	1.36
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	20	1.35	0.18	1.31
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	20	1.35	0.18	1.31
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	20	1.35	0.18	1.31
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	20	1.35	0.18	1.31
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	20	1.35	0.18	1.31
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	20	1.35	0.18	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	20	1.35	0.13	1.32
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	20	1.35	0.13	1.32
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	20	1.35	0.13	1.32
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	20	1.35	0.03	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	20	1.35	0.03	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	20	1.35	0.03	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	20	1.34	0.02	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	20	1.34	0.02	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	20	1.34	0.02	1.35
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	20	1.34	0.04	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	20	1.34	0.04	1.32
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	20	1.32	0.25	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	20	1.32	0.25	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	20	1.32	0.25	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	20	1.32	0.25	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	20	1.32	0.25	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	20	1.32	0.25	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	20	1.32	0.25	1.26
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	20	1.27	0.15	1.25
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	20	1.27	0.15	1.25
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	20	1.27	0.15	1.25
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	20	1.27	0.15	1.25
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	20	1.27	0.15	1.25
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	20	1.27	0.15	1.25
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	20	1.25	0.15	1.25
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	20	1.25	0.15	1.25
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	20	1.25	0.15	1.25
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	20	1.25	0.08	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	20	1.25	0.08	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	20	1.25	0.08	1.22
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	20	1.23	0.21	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	20	1.23	0.21	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	20	1.23	0.21	1.31
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	20	1.2	0.12	1.23
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	20	1.2	0.12	1.23
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	20	1.2	0.12	1.23
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	20	1.2	0.12	1.23
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	20	1.2	0.12	1.23
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	20	1.2	0.12	1.23
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	20	1.2	0.06	1.21
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	20	1.2	0.06	1.21
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	20	1.2	0.06	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	20	1.19	0.06	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	20	1.19	0.06	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	20	1.19	0.06	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	20	1.19	0.2	1.16
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	20	1.19	0.2	1.16
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	20	1.19	0.2	1.16
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	20	1.19	0.2	1.16
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	20	1.19	0.2	1.16
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	20	1.19	0.2	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	20	1.19	0.03	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	20	1.19	0.03	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	20	1.19	0.03	1.19
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	20	1.19	0.05	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	20	1.19	0.05	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	20	1.19	0.05	1.2
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	20	1.19	0.08	1.17
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	20	1.19	0.08	1.17
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	20	1.19	0.08	1.17
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	20	1.17	0.08	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	20	1.17	0.08	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	20	1.17	0.08	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	20	1.17	0.08	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	20	1.17	0.08	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	20	1.17	0.08	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	20	1.16	0.1	1.18
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	20	1.16	0.1	1.18
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	20	1.16	0.1	1.18
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	20	1.16	0.1	1.18
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	20	1.16	0.1	1.18
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	20	1.16	0.1	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	20	1.16	0.02	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	20	1.16	0.02	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	20	1.16	0.02	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	20	1.14	0.02	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	20	1.14	0.02	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	20	1.14	0.02	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	20	1.14	0.07	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	20	1.14	0.07	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	20	1.14	0.07	1.14
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	20	1.13	0.13	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	20	1.13	0.13	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	20	1.13	0.13	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	20	1.12	0.03	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	20	1.12	0.03	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	20	1.12	0.03	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	20	1.12	0.19	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	20	1.12	0.19	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	20	1.12	0.19	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	20	1.12	0.03	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	20	1.12	0.03	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	20	1.12	0.03	1.12
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	20	1.12	0.15	1.16
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	20	1.12	0.15	1.16
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	20	1.12	0.15	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	20	1.12	0.15	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	20	1.12	0.15	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	20	1.12	0.15	1.16
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	20	1.11	0.15	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	20	1.11	0.15	1.2
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	20	1.11	0.09	1.1
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	20	1.11	0.09	1.1
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	20	1.11	0.09	1.1
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	20	1.11	0.07	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	20	1.11	0.07	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	20	1.11	0.07	1.12
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	20	1.1	0.01	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	20	1.1	0.01	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	20	1.1	0.01	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	20	1.08	0.07	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	20	1.08	0.07	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	20	1.08	0.07	1.1
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	20	1.08	0.02	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	20	1.08	0.02	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	20	1.08	0.02	1.08
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	20	1.07	0.06	1.06
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	20	1.07	0.06	1.06
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	20	1.07	0.06	1.06
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	20	1.06	0.2	1.13
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	20	1.06	0.2	1.13
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	20	1.06	0.2	1.13
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	20	1.06	0.2	1.13
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	20	1.06	0.2	1.13
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	20	1.06	0.2	1.13
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	20	1.06	0.03	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	20	1.06	0.03	1.06
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	20	1.06	0.03	1.06
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	20	1.03	0.17	1.05
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	20	1.03	0.17	1.05
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	20	1.03	0.17	1.05
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	20	1.03	0.17	1.05
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	20	1.03	0.17	1.05
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	20	1.03	0.17	1.05
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	20	1.03	0.06	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	20	1.03	0.06	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	20	1.03	0.06	1.06
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	20	1.03	0.06	1.06
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	20	1.03	0.06	1.06
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	20	1.03	0.06	1.06
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	20	1.03	0.03	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	20	1.03	0.03	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	20	1.03	0.03	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	20	1.02	0.06	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	20	1.02	0.06	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	20	1.02	0.06	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	20	1.02	0.06	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	20	1.02	0.06	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	20	1.02	0.06	1.02
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	20	1.0	0.02	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	20	1.0	0.02	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	20	1.0	0.02	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	20	0.99	0.06	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	20	0.99	0.06	1.0
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	20	0.99	0.07	0.96
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	20	0.99	0.07	0.96
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	20	0.99	0.07	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	20	0.99	0.04	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	20	0.99	0.04	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	20	0.99	0.04	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	20	0.97	0.06	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	20	0.97	0.06	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	20	0.97	0.06	0.98
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	20	0.97	0.06	0.98
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	20	0.97	0.06	0.98
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	20	0.97	0.06	0.98
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	20	0.96	0.19	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	20	0.96	0.19	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	20	0.96	0.19	1.02
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	20	0.96	0.25	0.94
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	20	0.96	0.25	0.94
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	20	0.96	0.25	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	20	0.96	0.25	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	20	0.96	0.25	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	20	0.96	0.25	0.94
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	20	0.96	0.19	1.02
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	20	0.96	0.19	1.02
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	20	0.96	0.19	1.02
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	20	0.95	0.04	0.94
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	20	0.95	0.04	0.94
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	20	0.95	0.04	0.94
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	20	0.94	0.12	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	20	0.94	0.12	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	20	0.94	0.12	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	20	0.94	0.12	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	20	0.94	0.12	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	20	0.94	0.12	0.91
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	20	0.92	0.04	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	20	0.92	0.04	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	20	0.92	0.04	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	20	0.92	0.04	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	20	0.92	0.04	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	20	0.92	0.04	0.93
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	20	0.92	0.09	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	20	0.92	0.09	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	20	0.92	0.09	0.92
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	20	0.92	0.13	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	20	0.92	0.13	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	20	0.92	0.13	0.87
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	20	0.91	0.2	1.0
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	20	0.91	0.2	1.0
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	20	0.91	0.2	1.0
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	20	0.91	0.2	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	20	0.91	0.2	1.0
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	20	0.91	0.2	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	20	0.9	0.34	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	20	0.9	0.34	1.06
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	20	0.9	0.03	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	20	0.9	0.03	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	20	0.9	0.03	0.9
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	20	0.9	0.03	0.9
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	20	0.9	0.03	0.9
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	20	0.9	0.03	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	20	0.88	0.02	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	20	0.88	0.02	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	20	0.88	0.02	0.88
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	20	0.88	0.32	0.9
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	20	0.88	0.32	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	20	0.88	0.32	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	20	0.88	0.32	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	20	0.88	0.32	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	20	0.88	0.32	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	20	0.86	0.03	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	20	0.86	0.03	0.87
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	20	0.86	0.03	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	20	0.86	0.03	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	20	0.86	0.03	0.86
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	20	0.86	0.03	0.86
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	20	0.86	0.03	0.86
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	20	0.86	0.03	0.86
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	20	0.85	0.06	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	20	0.85	0.06	0.86
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	20	0.85	0.06	0.86
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	20	0.85	0.15	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	20	0.85	0.15	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	20	0.85	0.15	0.8
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	20	0.85	0.04	0.86
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	20	0.85	0.04	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	20	0.85	0.04	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	20	0.85	0.04	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	20	0.85	0.04	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	20	0.85	0.04	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	20	0.85	0.04	0.86
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	20	0.85	0.16	0.83
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	20	0.85	0.16	0.83
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	20	0.85	0.16	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	20	0.85	0.06	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	20	0.85	0.06	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	20	0.85	0.06	0.85
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	20	0.83	0.05	0.82
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	20	0.83	0.05	0.82
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	20	0.83	0.05	0.82
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	20	0.82	0.2	0.8
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	20	0.82	0.2	0.8
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	20	0.82	0.2	0.8
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	20	0.82	0.08	0.85
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	20	0.82	0.08	0.85
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	20	0.82	0.08	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	20	0.8	0.12	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	20	0.8	0.12	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	20	0.8	0.12	0.84
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	20	0.79	0.04	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	20	0.79	0.04	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	20	0.79	0.04	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	20	0.79	0.04	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	20	0.79	0.04	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	20	0.79	0.04	0.78
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	20	0.78	0.03	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	20	0.78	0.03	0.78
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	20	0.78	0.03	0.78
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	20	0.77	0.11	0.78
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	20	0.77	0.11	0.78
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	20	0.77	0.11	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	20	0.75	0.04	0.76
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	20	0.75	0.04	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	20	0.75	0.04	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	20	0.75	0.04	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	20	0.75	0.04	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	20	0.75	0.04	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	20	0.74	0.07	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	20	0.74	0.07	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	20	0.74	0.07	0.78
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	20	0.74	0.14	0.77
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	20	0.74	0.14	0.77
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	20	0.74	0.14	0.77
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	20	0.73	0.22	0.64
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	20	0.73	0.22	0.64
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	20	0.72	0.1	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	20	0.72	0.1	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	20	0.72	0.1	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	20	0.72	0.1	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	20	0.71	0.02	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	20	0.71	0.02	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	20	0.71	0.02	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	20	0.71	0.02	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	20	0.71	0.02	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	20	0.71	0.02	0.71
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	20	0.7	0.1	0.72
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	20	0.7	0.1	0.72
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	20	0.7	0.1	0.72
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	20	0.7	0.1	0.72
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	20	0.7	0.1	0.72
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	20	0.7	0.1	0.72
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	20	0.7	0.1	0.72
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	20	0.69	0.05	0.7
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	20	0.69	0.05	0.7
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	20	0.69	0.05	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	20	0.68	0.19	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	20	0.68	0.19	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	20	0.68	0.19	0.7
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	20	0.68	0.19	0.7
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	20	0.67	0.14	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	20	0.67	0.14	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	20	0.67	0.14	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	20	0.67	0.14	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	20	0.67	0.14	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	20	0.67	0.14	0.73
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	20	0.67	0.1	0.69
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	20	0.67	0.1	0.69
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	20	0.67	0.1	0.69
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	20	0.66	0.3	0.62
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	20	0.66	0.3	0.62
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	20	0.66	0.3	0.62
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	20	0.66	0.14	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	20	0.66	0.14	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	20	0.66	0.14	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	20	0.66	0.14	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	20	0.66	0.14	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	20	0.66	0.14	0.7
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	20	0.66	0.04	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	20	0.66	0.04	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	20	0.66	0.04	0.65
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	20	0.66	0.06	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	20	0.66	0.06	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	20	0.66	0.06	0.64
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	20	0.65	0.24	0.62
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	20	0.65	0.24	0.62
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	20	0.65	0.24	0.62
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	20	0.65	0.24	0.62
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	20	0.65	0.24	0.62
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	20	0.65	0.24	0.62
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	20	0.65	0.25	0.57
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	20	0.65	0.25	0.57
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	20	0.65	0.25	0.57
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	20	0.65	0.25	0.57
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	20	0.65	0.25	0.57
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	20	0.65	0.25	0.57
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	20	0.64	0.01	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	20	0.64	0.01	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	20	0.64	0.01	0.64
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	20	0.62	0.05	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	20	0.62	0.05	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	20	0.62	0.05	0.62
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	20	0.6	0.05	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	20	0.6	0.05	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	20	0.6	0.05	0.58
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	20	0.6	0.05	0.58
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	20	0.6	0.05	0.58
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	20	0.6	0.05	0.58
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	20	0.6	0.37	0.46
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	20	0.6	0.37	0.46
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	20	0.6	0.37	0.46
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	20	0.6	0.37	0.46
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	20	0.6	0.37	0.46
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	20	0.6	0.37	0.46
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	20	0.59	0.09	0.58
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	20	0.59	0.09	0.58
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	20	0.59	0.09	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	20	0.59	0.09	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	20	0.59	0.09	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	20	0.59	0.09	0.58
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	20	0.58	0.3	0.49
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	20	0.58	0.3	0.49
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	20	0.58	0.3	0.49
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	20	0.58	0.3	0.49
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	20	0.58	0.3	0.49
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	20	0.58	0.3	0.49
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	20	0.58	0.27	0.5
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	20	0.58	0.27	0.5
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	20	0.58	0.27	0.5
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	20	0.57	0.04	0.56
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	20	0.57	0.04	0.56
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	20	0.57	0.04	0.56
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	20	0.57	0.03	0.56
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	20	0.57	0.03	0.56
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	20	0.57	0.03	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	20	0.57	0.08	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	20	0.57	0.08	0.57
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	20	0.57	0.08	0.57
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	20	0.56	0.14	0.55
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	20	0.56	0.14	0.55
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	20	0.56	0.14	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	20	0.56	0.14	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	20	0.56	0.14	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	20	0.56	0.14	0.55
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	20	0.56	0.16	0.56
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	20	0.56	0.16	0.56
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	20	0.56	0.16	0.56
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	20	0.55	0.08	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	20	0.55	0.08	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	20	0.55	0.08	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	20	0.55	0.08	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	20	0.55	0.08	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	20	0.55	0.08	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	20	0.55	0.08	0.54
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	20	0.55	0.36	0.46
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	20	0.55	0.36	0.46
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	20	0.55	0.36	0.46
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	20	0.54	0.11	0.49
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	20	0.54	0.11	0.49
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	20	0.54	0.11	0.49
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	20	0.53	0.15	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	20	0.53	0.15	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	20	0.53	0.15	0.6
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	20	0.52	0.05	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	20	0.52	0.05	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	20	0.52	0.05	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	20	0.51	0.02	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	20	0.51	0.02	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	20	0.51	0.02	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	20	0.51	0.09	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	20	0.51	0.09	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	20	0.51	0.09	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	20	0.5	0.03	0.5
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	20	0.5	0.03	0.5
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	20	0.5	0.03	0.5
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	20	0.5	0.03	0.5
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	20	0.5	0.03	0.5
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	20	0.5	0.03	0.5
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	20	0.5	0.04	0.5
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	20	0.5	0.04	0.5
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	20	0.5	0.04	0.5
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	20	0.48	0.12	0.52
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	20	0.48	0.12	0.52
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	20	0.48	0.12	0.52
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	20	0.46	0.0	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	20	0.46	0.0	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	20	0.46	0.0	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	20	0.46	0.0	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	20	0.46	0.0	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	20	0.46	0.0	0.46
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	20	0.46	0.06	0.47
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	20	0.46	0.06	0.47
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	20	0.46	0.06	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	20	0.45	0.01	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	20	0.45	0.01	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	20	0.45	0.01	0.45
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	20	0.44	0.11	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	20	0.44	0.11	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	20	0.44	0.11	0.49
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	20	0.44	0.04	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	20	0.44	0.04	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	20	0.44	0.04	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	20	0.44	0.04	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	20	0.44	0.04	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	20	0.44	0.04	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	20	0.43	0.01	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	20	0.43	0.01	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	20	0.43	0.01	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	20	0.43	0.01	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	20	0.43	0.01	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	20	0.43	0.01	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	20	0.43	0.03	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	20	0.43	0.03	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	20	0.43	0.03	0.43
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	20	0.43	0.26	0.34
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	20	0.43	0.26	0.34
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	20	0.43	0.26	0.34
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	20	0.43	0.26	0.34
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	20	0.43	0.26	0.34
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	20	0.43	0.26	0.34
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	20	0.42	0.06	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	20	0.42	0.06	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	20	0.42	0.06	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	20	0.42	0.03	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	20	0.42	0.03	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	20	0.42	0.03	0.42
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	20	0.41	0.09	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	20	0.41	0.09	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	20	0.41	0.09	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	20	0.4	0.09	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	20	0.4	0.09	0.38
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	20	0.4	0.01	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	20	0.4	0.01	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	20	0.4	0.01	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	20	0.4	0.01	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	20	0.4	0.01	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	20	0.4	0.01	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	20	0.4	0.01	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	20	0.4	0.01	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	20	0.4	0.01	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	20	0.39	0.08	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	20	0.39	0.08	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	20	0.39	0.08	0.36
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	20	0.38	0.02	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	20	0.38	0.02	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	20	0.38	0.02	0.38
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	20	0.38	0.02	0.38
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	20	0.38	0.02	0.38
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	20	0.38	0.02	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	20	0.37	0.02	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	20	0.37	0.02	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	20	0.37	0.02	0.37
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	20	0.37	0.15	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	20	0.37	0.15	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	20	0.37	0.15	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	20	0.37	0.15	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	20	0.37	0.15	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	20	0.37	0.15	0.31
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	20	0.36	0.12	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	20	0.36	0.12	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	20	0.36	0.12	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	20	0.36	0.12	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	20	0.36	0.12	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	20	0.36	0.12	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	20	0.36	0.17	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	20	0.36	0.17	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	20	0.36	0.17	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	20	0.36	0.03	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	20	0.36	0.03	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	20	0.36	0.03	0.36
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	20	0.35	0.08	0.36
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	20	0.35	0.08	0.36
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	20	0.35	0.08	0.36
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	20	0.34	0.2	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	20	0.34	0.2	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	20	0.34	0.2	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	20	0.34	0.2	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	20	0.34	0.2	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	20	0.34	0.2	0.25
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	20	0.34	0.01	0.34
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	20	0.34	0.01	0.34
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	20	0.34	0.01	0.34
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	20	0.32	0.27	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	20	0.32	0.27	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	20	0.32	0.27	0.22
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	20	0.32	0.02	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	20	0.32	0.02	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	20	0.32	0.02	0.33
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	20	0.32	0.07	0.31
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	20	0.32	0.07	0.31
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	20	0.32	0.07	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	20	0.31	0.05	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	20	0.31	0.05	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	20	0.31	0.05	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	20	0.31	0.01	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	20	0.31	0.01	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	20	0.31	0.01	0.31
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	20	0.28	0.02	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	20	0.28	0.02	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	20	0.28	0.02	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	20	0.28	0.01	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	20	0.28	0.01	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	20	0.28	0.01	0.28
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	20	0.28	0.05	0.28
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	20	0.28	0.05	0.28
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	20	0.28	0.05	0.28
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	20	0.27	0.05	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	20	0.27	0.05	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	20	0.27	0.05	0.26
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	20	0.27	0.05	0.28
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	20	0.27	0.05	0.28
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	20	0.27	0.05	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	20	0.26	0.03	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	20	0.26	0.03	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	20	0.26	0.03	0.26
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	20	0.26	0.03	0.26
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	20	0.26	0.03	0.26
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	20	0.26	0.03	0.26
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	20	0.25	0.03	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	20	0.25	0.03	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	20	0.25	0.03	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	20	0.25	0.03	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	20	0.25	0.03	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	20	0.25	0.03	0.25
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	20	0.23	0.04	0.22
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	20	0.23	0.04	0.22
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	20	0.23	0.04	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	20	0.22	0.03	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	20	0.22	0.03	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	20	0.22	0.03	0.22
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	20	0.22	0.03	0.22
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	20	0.22	0.03	0.22
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	20	0.22	0.03	0.22
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	20	0.22	0.02	0.21
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	20	0.22	0.02	0.21
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	20	0.22	0.02	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	20	0.22	0.02	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	20	0.22	0.02	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	20	0.22	0.02	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	20	0.21	0.02	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	20	0.21	0.02	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	20	0.21	0.02	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	20	0.21	0.02	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	20	0.21	0.02	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	20	0.21	0.02	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	20	0.2	0.01	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	20	0.2	0.01	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	20	0.2	0.01	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	20	0.2	0.01	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	20	0.2	0.01	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	20	0.2	0.02	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	20	0.2	0.02	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	20	0.2	0.02	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	20	0.19	0.01	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	20	0.19	0.01	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	20	0.19	0.01	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	20	0.19	0.01	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	20	0.19	0.01	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	20	0.19	0.01	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	20	0.19	0.01	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	20	0.19	0.01	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	20	0.19	0.01	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	20	0.19	0.02	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	20	0.19	0.02	0.19
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	20	0.19	0.02	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	20	0.19	0.02	0.18
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	20	0.18	0.04	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	20	0.18	0.04	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	20	0.18	0.04	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	20	0.18	0.02	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	20	0.18	0.02	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	20	0.18	0.02	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	20	0.18	0.02	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	20	0.18	0.02	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	20	0.18	0.02	0.19
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	20	0.18	0.03	0.19
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	20	0.18	0.03	0.19
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	20	0.17	0.02	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	20	0.17	0.01	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	20	0.17	0.01	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	20	0.17	0.01	0.18
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	20	0.17	0.02	0.17
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	20	0.17	0.02	0.17
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	20	0.17	0.02	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	20	0.17	0.01	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	20	0.17	0.01	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	20	0.17	0.01	0.17
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	20	0.16	0.04	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	20	0.16	0.04	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	20	0.16	0.01	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	20	0.16	0.01	0.16
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	20	0.16	0.02	0.16
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	20	0.16	0.02	0.16
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	20	0.15	0.03	0.15
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	20	0.15	0.03	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	20	0.15	0.01	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	20	0.15	0.02	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	20	0.14	0.01	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	20	0.14	0.01	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	20	0.14	0.01	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	20	0.14	0.01	0.14
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	20	0.14	0.02	0.14
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	20	0.14	0.02	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	20	0.14	0.01	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	20	0.14	0.01	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	20	0.14	0.01	0.14
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	20	0.14	0.02	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	20	0.14	0.02	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	20	0.14	0.01	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	20	0.14	0.01	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	20	0.13	0.0	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	20	0.13	0.0	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	20	0.13	0.01	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	20	0.13	0.01	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	20	0.13	0.0	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	20	0.13	0.01	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	20	0.13	0.01	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	20	0.13	0.01	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	20	0.12	0.01	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	20	0.12	0.0	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	20	0.12	0.0	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	20	0.12	0.01	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	20	0.12	0.01	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	20	0.12	0.01	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	20	0.12	0.01	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	20	0.12	0.0	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	20	0.12	0.0	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	20	0.12	0.0	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	20	0.12	0.0	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	20	0.12	0.0	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	20	0.12	0.0	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	20	0.12	0.0	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	20	0.12	0.0	0.12
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	19	2.2	0.15	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	19	2.2	0.15	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	19	2.2	0.15	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	19	2.2	0.15	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	19	2.2	0.15	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	19	2.2	0.15	2.24
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	19	1.88	0.16	1.91
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	19	1.88	0.16	1.91
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	19	1.88	0.16	1.91
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	19	1.61	0.06	1.6
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	19	1.61	0.06	1.6
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	19	1.61	0.06	1.6
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	19	1.5	0.24	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	19	1.5	0.24	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	19	1.5	0.24	1.57
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	19	1.39	0.11	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	19	1.39	0.11	1.39
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	19	1.39	0.11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	19	1.39	0.11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	19	1.39	0.11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	19	1.39	0.11	1.39
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	19	1.39	0.11	1.39
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	19	1.27	0.1	1.29
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	19	1.27	0.1	1.29
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	19	1.27	0.1	1.29
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	19	1.27	0.04	1.26
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	19	1.27	0.04	1.26
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	19	1.27	0.04	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	19	1.27	0.04	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	19	1.27	0.04	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	19	1.27	0.04	1.26
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	19	1.18	0.12	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	19	1.18	0.12	1.18
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	19	1.16	0.13	1.17
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	19	1.16	0.13	1.17
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	19	1.16	0.13	1.17
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	19	1.09	0.08	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	19	1.09	0.08	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	19	1.09	0.08	1.1
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	19	0.96	0.16	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	19	0.96	0.16	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	19	0.96	0.16	0.98
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	19	0.96	0.16	0.98
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	19	0.96	0.16	0.98
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	19	0.96	0.16	0.98
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	19	0.94	0.27	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	19	0.94	0.27	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	19	0.94	0.27	0.87
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	19	0.91	0.03	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	19	0.91	0.03	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	19	0.91	0.03	0.92
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	19	0.86	0.18	0.89
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	19	0.86	0.18	0.89
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	19	0.86	0.18	0.89
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	19	0.76	0.17	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	19	0.76	0.17	0.78
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	19	0.76	0.17	0.78
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	19	0.75	0.08	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	19	0.75	0.08	0.75
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	19	0.75	0.08	0.75
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	19	0.75	0.08	0.75
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	19	0.75	0.08	0.75
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	19	0.75	0.08	0.75
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	19	0.65	0.09	0.66
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	19	0.65	0.09	0.66
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	19	0.65	0.09	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	19	0.65	0.09	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	19	0.65	0.09	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	19	0.65	0.09	0.66
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	19	0.58	0.13	0.57
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	19	0.58	0.13	0.57
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	19	0.58	0.13	0.57
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	19	0.57	0.32	0.65
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	19	0.57	0.32	0.65
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	19	0.57	0.32	0.65
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	19	0.52	0.02	0.52
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	19	0.52	0.02	0.52
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	19	0.52	0.02	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	19	0.52	0.02	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	19	0.52	0.02	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	19	0.52	0.02	0.52
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	19	0.48	0.06	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	19	0.48	0.06	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	19	0.48	0.06	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	19	0.47	0.07	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	19	0.47	0.07	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	19	0.47	0.07	0.48
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	19	0.39	0.05	0.39
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	19	0.39	0.05	0.39
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	19	0.39	0.05	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	19	0.39	0.05	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	19	0.39	0.05	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	19	0.39	0.05	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	19	0.38	0.08	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	19	0.38	0.08	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	19	0.38	0.08	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	19	0.36	0.01	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	19	0.36	0.01	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	19	0.36	0.01	0.36
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	19	0.27	0.05	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	19	0.27	0.05	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	19	0.27	0.05	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	19	0.27	0.05	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	19	0.27	0.05	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	19	0.27	0.05	0.27
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	19	0.26	0.08	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	19	0.26	0.08	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	19	0.26	0.08	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	19	0.24	0.09	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	19	0.24	0.09	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	19	0.24	0.09	0.25
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	19	0.23	0.11	0.16
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	19	0.23	0.11	0.16
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	19	0.23	0.11	0.16
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	19	0.23	0.11	0.16
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	19	0.23	0.11	0.16
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	19	0.23	0.11	0.16
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	19	0.18	0.03	0.18
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	19	0.18	0.03	0.18
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	19	0.18	0.03	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	19	0.18	0.03	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	19	0.18	0.03	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	19	0.18	0.03	0.18
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	19	0.17	0.03	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	19	0.17	0.03	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	19	0.17	0.03	0.16
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	19	0.15	0.02	0.15
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	19	0.15	0.02	0.15
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	19	0.13	0.02	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	19	0.13	0.01	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	19	0.12	0.01	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	19	0.12	0.01	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	19	0.12	0.01	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	19	0.12	0.01	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	19	0.11	0.01	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	19	0.11	0.01	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	19	0.11	0.01	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	19	0.11	0.01	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	19	0.11	0.01	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	19	0.1	0.0	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	19	0.1	0.0	0.1
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	18	2.56	0.06	2.55
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	18	2.56	0.06	2.55
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	18	2.56	0.06	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	18	2.56	0.06	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	18	2.56	0.06	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	18	2.56	0.06	2.55
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	18	0.86	0.1	0.86
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	18	0.86	0.1	0.86
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	18	0.86	0.1	0.86
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	18	0.86	0.1	0.86
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	18	0.86	0.1	0.86
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	18	0.86	0.1	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	18	0.85	0.16	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	18	0.85	0.16	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	18	0.85	0.16	0.88
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	18	0.55	0.09	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	18	0.55	0.09	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	18	0.55	0.09	0.57
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	18	0.37	0.04	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	18	0.37	0.04	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	18	0.37	0.04	0.38
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	18	0.31	0.02	0.31
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	18	0.23	0.06	0.22
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	18	0.18	0.06	0.16
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	18	0.18	0.06	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	18	0.18	0.06	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	18	0.18	0.06	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	18	0.18	0.06	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	18	0.18	0.06	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	18	0.18	0.06	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	18	0.18	0.06	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	18	0.18	0.06	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	18	0.18	0.06	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	18	0.18	0.06	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	18	0.18	0.06	0.16
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	18	0.17	0.02	0.18
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	18	0.14	0.01	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	18	0.14	0.01	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	18	0.14	0.01	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	18	0.14	0.01	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	18	0.14	0.01	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	18	0.14	0.01	0.15
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	18	0.14	0.01	0.14
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	18	0.13	0.01	0.13
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	18	0.11	0.01	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	18	0.11	0.01	0.12
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	18	0.11	0.0	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	18	0.11	0.0	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	18	0.11	0.0	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	18	0.11	0.0	0.11
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	17	0.75	0.02	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	17	0.75	0.02	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	17	0.75	0.02	0.75
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	17	0.34	0.19	0.26
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	17	0.34	0.19	0.26
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	17	0.34	0.19	0.26
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	17	0.34	0.19	0.26
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	17	0.34	0.19	0.26
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	17	0.34	0.19	0.26
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	17	0.18	0.04	0.17
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	17	0.18	0.04	0.17
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	17	0.18	0.04	0.17
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	17	0.17	0.05	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	17	0.17	0.05	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	17	0.17	0.05	0.15
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	17	0.17	0.05	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	17	0.17	0.05	0.15
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	17	0.17	0.05	0.15
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	17	0.15	0.02	0.15
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	17	0.15	0.02	0.15
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	17	0.13	0.02	0.14
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	17	0.12	0.02	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	17	0.12	0.01	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	17	0.12	0.01	0.12
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	17	0.11	0.01	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	17	0.11	0.01	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	17	0.11	0.01	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	17	0.11	0.01	0.11
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	16	0.36	0.13	0.37
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	16	0.36	0.13	0.37
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	16	0.36	0.13	0.37
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	16	0.27	0.52	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	16	0.27	0.52	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	16	0.27	0.52	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	16	0.27	0.52	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	16	0.27	0.52	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	16	0.27	0.52	0.14
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	16	0.22	0.06	0.2
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	16	0.22	0.06	0.2
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	16	0.22	0.06	0.2
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	16	0.16	0.03	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	16	0.16	0.03	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	16	0.16	0.03	0.15
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	16	0.16	0.03	0.15
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	16	0.16	0.03	0.15
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	16	0.16	0.03	0.15
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	16	0.15	0.02	0.15
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	16	0.15	0.02	0.15
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	16	0.14	0.01	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	16	0.13	0.02	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	16	0.13	0.02	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	16	0.13	0.02	0.13
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	16	0.13	0.01	0.13
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	16	0.12	0.01	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	16	0.12	0.01	0.11
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	15	0.4	0.18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	15	0.4	0.18	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	15	0.4	0.18	0.38
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	15	0.28	0.2	0.22
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	15	0.28	0.2	0.22
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	15	0.28	0.2	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	15	0.27	0.08	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	15	0.27	0.08	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	15	0.27	0.08	0.23
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	15	0.27	0.08	0.23
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	15	0.27	0.08	0.23
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	15	0.27	0.08	0.23
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	15	0.26	0.09	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	15	0.26	0.09	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	15	0.26	0.09	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	15	0.26	0.09	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	15	0.26	0.09	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	15	0.26	0.09	0.26
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	15	0.18	0.07	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	15	0.18	0.07	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	15	0.18	0.07	0.15
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	15	0.14	0.03	0.14
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	15	0.14	0.03	0.14
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	15	0.14	0.03	0.14
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	15	0.14	0.03	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	15	0.14	0.01	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	15	0.14	0.01	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	15	0.14	0.01	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	15	0.14	0.01	0.14
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	15	0.14	0.02	0.15
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	15	0.14	0.02	0.15
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	15	0.14	0.02	0.15
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	15	0.12	0.02	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	15	0.12	0.01	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	15	0.12	0.01	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	15	0.12	0.01	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	15	0.12	0.01	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	15	0.12	0.01	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	15	0.12	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	15	0.11	0.02	0.11
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	14	1.56	0.59	1.81
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	14	1.56	0.59	1.81
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	14	1.56	0.59	1.81
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	14	0.84	0.62	0.64
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	14	0.84	0.62	0.64
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	14	0.84	0.62	0.64
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	14	0.84	0.62	0.64
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	14	0.84	0.62	0.64
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	14	0.84	0.62	0.64
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	14	0.16	0.01	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	14	0.16	0.01	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	14	0.14	0.07	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	14	0.14	0.07	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	14	0.14	0.07	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	14	0.12	0.01	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	14	0.12	0.01	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	14	0.11	0.01	0.12
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	13	0.57	0.03	0.57
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	13	0.57	0.03	0.57
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	13	0.57	0.03	0.57
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	13	0.46	0.08	0.5
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	13	0.46	0.08	0.5
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	13	0.46	0.08	0.5
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	13	0.46	0.08	0.5
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	13	0.46	0.08	0.5
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	13	0.46	0.08	0.5
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	13	0.33	0.18	0.27
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	13	0.33	0.18	0.27
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	13	0.33	0.18	0.27
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	13	0.33	0.18	0.27
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	13	0.33	0.18	0.27
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	13	0.33	0.18	0.27
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	13	0.28	0.2	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	13	0.28	0.2	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	13	0.28	0.2	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	13	0.28	0.2	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	13	0.28	0.2	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	13	0.28	0.2	0.21
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	13	0.13	0.02	0.12
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	13	0.13	0.02	0.12
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	13	0.12	0.02	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	12	2.41	0.05	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	12	2.41	0.05	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	12	2.41	0.05	2.41
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	12	2.24	0.12	2.17
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	12	2.24	0.12	2.17
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	12	2.24	0.12	2.17
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	12	2.24	0.12	2.17
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	12	2.24	0.12	2.17
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	12	2.24	0.12	2.17
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	12	1.71	0.05	1.71
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	12	1.71	0.05	1.71
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	12	1.71	0.05	1.71
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	12	1.37	0.04	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	12	1.37	0.04	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	12	1.37	0.04	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	12	1.37	0.04	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	12	1.37	0.04	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	12	1.37	0.04	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	12	1.37	0.04	1.38
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	12	1.24	0.02	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	12	1.24	0.02	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	12	1.24	0.02	1.23
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	12	1.24	0.02	1.23
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	12	1.24	0.02	1.23
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	12	1.24	0.02	1.23
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	12	1.19	0.13	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	12	1.19	0.13	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	12	1.19	0.13	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	12	1.19	0.13	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	12	1.19	0.13	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	12	1.19	0.13	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	12	1.15	0.12	1.09
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	12	1.15	0.12	1.09
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	12	1.15	0.12	1.09
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	12	0.9	0.12	0.92
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	12	0.9	0.12	0.92
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	12	0.9	0.12	0.92
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	12	0.9	0.12	0.92
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	12	0.9	0.12	0.92
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	12	0.9	0.12	0.92
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	12	0.89	0.05	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	12	0.89	0.05	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	12	0.89	0.05	0.89
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	12	0.89	0.05	0.89
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	12	0.89	0.05	0.89
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	12	0.89	0.05	0.89
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	12	0.6	0.22	0.5
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	12	0.6	0.22	0.5
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	12	0.6	0.22	0.5
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	12	0.6	0.22	0.5
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	12	0.6	0.22	0.5
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	12	0.6	0.22	0.5
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	12	0.56	0.44	0.38
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	12	0.56	0.44	0.38
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	12	0.56	0.44	0.38
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	12	0.56	0.44	0.38
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	12	0.56	0.44	0.38
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	12	0.56	0.44	0.38
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	12	0.54	0.12	0.47
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	12	0.54	0.12	0.47
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	12	0.54	0.12	0.47
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	12	0.54	0.12	0.47
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	12	0.54	0.12	0.47
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	12	0.54	0.12	0.47
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	12	0.36	0.11	0.35
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	12	0.36	0.11	0.35
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	12	0.36	0.11	0.35
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	12	0.36	0.11	0.35
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	12	0.36	0.11	0.35
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	12	0.36	0.11	0.35
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	12	0.35	0.12	0.34
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	12	0.35	0.12	0.34
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	12	0.35	0.12	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	12	0.35	0.12	0.34
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	12	0.35	0.12	0.34
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	12	0.35	0.12	0.34
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	12	0.3	0.07	0.28
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	12	0.3	0.07	0.28
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	12	0.3	0.07	0.28
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	12	0.27	0.08	0.26
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	12	0.27	0.08	0.26
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	12	0.27	0.08	0.26
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	12	0.27	0.08	0.26
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	12	0.27	0.08	0.26
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	12	0.27	0.08	0.26
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	12	0.14	0.02	0.14
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	12	0.14	0.02	0.14
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	12	0.12	0.02	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	12	0.12	0.02	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	12	0.11	0.01	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	12	0.11	0.01	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	12	0.11	0.01	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	12	0.11	0.01	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	12	0.1	0.0	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	12	0.1	0.0	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	12	0.1	0.0	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	12	0.1	0.0	0.1
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	11	0.28	0.08	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	11	0.28	0.08	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	11	0.28	0.08	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	11	0.28	0.08	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	11	0.28	0.08	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	11	0.28	0.08	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	11	0.28	0.08	0.31
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	11	0.24	0.12	0.17
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	11	0.24	0.12	0.17
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	11	0.24	0.12	0.17
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	11	0.24	0.12	0.17
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	11	0.24	0.12	0.17
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	11	0.24	0.12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	11	0.23	0.07	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	11	0.23	0.07	0.24
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	11	0.13	0.02	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	11	0.12	0.01	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	11	0.12	0.01	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	11	0.12	0.01	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	11	0.12	0.01	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	11	0.12	0.01	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	11	0.12	0.01	0.13
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	11	0.12	0.02	0.11
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	10	0.28	0.08	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	10	0.28	0.08	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	10	0.28	0.08	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	10	0.28	0.08	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	10	0.28	0.08	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	10	0.28	0.08	0.29
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	10	0.18	0.04	0.19
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	10	0.18	0.04	0.19
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	10	0.11	0.02	0.1
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	9	0.12	0.01	0.12
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	9	0.12	0.01	0.12
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	9	0.11	0.01	0.11
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	9	0.1	0.01	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	9	0.1	0.01	0.1
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	8	0.29	0.1	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	8	0.29	0.1	0.33
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	8	0.29	0.1	0.33
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	8	0.29	0.1	0.33
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	8	0.29	0.1	0.33
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	8	0.29	0.1	0.33
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	8	0.28	0.05	0.3
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	8	0.28	0.05	0.3
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	8	0.22	0.1	0.18
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	8	0.22	0.1	0.18
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	8	0.22	0.1	0.18
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	8	0.12	0.01	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	8	0.12	0.01	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	8	0.12	0.01	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	8	0.12	0.01	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	8	0.12	0.01	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	8	0.12	0.01	0.12
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	8	0.1	0.0	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	8	0.1	0.0	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	8	0.1	0.0	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	8	0.1	0.0	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	8	0.1	0.0	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	8	0.1	0.0	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	8	0.1	0.0	0.1
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	7	0.6	0.23	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	7	0.6	0.23	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	7	0.6	0.23	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	7	0.6	0.23	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	7	0.6	0.23	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	7	0.6	0.23	0.73
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	7	0.16	0.03	0.16
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	7	0.16	0.03	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	7	0.16	0.03	0.16
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	7	0.13	0.04	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	7	0.13	0.04	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	7	0.13	0.06	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	7	0.13	0.06	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	7	0.13	0.06	0.11
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	7	0.12	0.01	0.12
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	7	0.12	0.01	0.12
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	7	0.12	0.01	0.12
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	7	0.12	0.01	0.12
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	7	0.12	0.01	0.11
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	7	0.12	0.01	0.11
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	6	0.27	0.08	0.24
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	6	0.27	0.08	0.24
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	6	0.27	0.08	0.24
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	6	0.2	0.01	0.2
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	6	0.2	0.01	0.2
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	6	0.19	0.11	0.12
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	6	0.19	0.11	0.12
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	6	0.18	0.03	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	6	0.18	0.03	0.19
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	6	0.13	0.02	0.12
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	6	0.13	0.02	0.12
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	6	0.11	0.01	0.11
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	6	0.11	0.01	0.11
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	5	0.34	0.04	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	5	0.34	0.04	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	5	0.34	0.04	0.32
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	5	0.33	0.19	0.23
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	5	0.33	0.19	0.23
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	5	0.33	0.19	0.23
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	5	0.33	0.19	0.23
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	5	0.33	0.19	0.23
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	5	0.33	0.19	0.23
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	5	0.22	0.06	0.22
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	5	0.22	0.06	0.22
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	5	0.22	0.06	0.22
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	5	0.22	0.06	0.22
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	5	0.22	0.06	0.22
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	5	0.22	0.06	0.22
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	5	0.18	0.09	0.13
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	5	0.18	0.09	0.13
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	5	0.18	0.09	0.13
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	5	0.18	0.09	0.13
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	5	0.18	0.09	0.13
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	5	0.18	0.09	0.13
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	5	0.13	0.01	0.13
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	5	0.13	0.01	0.13
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	5	0.13	0.01	0.13
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	5	0.12	0.01	0.12
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	5	0.12	0.01	0.11
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	5	0.11	0.01	0.1
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	5	0.11	0.01	0.1
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	5	0.11	0.01	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	5	0.11	0.01	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	5	0.11	0.01	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	5	0.11	0.01	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	5	0.1	0.0	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	5	0.1	0.0	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	5	0.1	0.0	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	5	0.1	0.0	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	5	0.1	0.0	0.1
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	5	0.1	0.0	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	5	0.1	0.0	0.1
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD11	4	0.75	0.6	0.73
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD12	4	0.75	0.6	0.73
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD13	4	0.75	0.6	0.73
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD11	4	0.75	0.6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD12	4	0.75	0.6	0.73
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD13	4	0.75	0.6	0.73
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD11	4	0.54	0.26	0.56
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD12	4	0.54	0.26	0.56
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD13	4	0.54	0.26	0.56
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	4	0.33	0.17	0.24
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	4	0.33	0.17	0.24
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	4	0.33	0.17	0.24
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	4	0.33	0.17	0.24
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	4	0.33	0.17	0.24
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	4	0.33	0.17	0.24
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD11	4	0.32	0.11	0.36
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD12	4	0.32	0.11	0.36
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD13	4	0.32	0.11	0.36
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD11	4	0.32	0.11	0.36
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD12	4	0.32	0.11	0.36
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD13	4	0.32	0.11	0.36
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE21	4	0.18	0.01	0.18
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE22	4	0.18	0.01	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE21	4	0.18	0.01	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE22	4	0.18	0.01	0.18
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD11	4	0.18	0.08	0.16
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD12	4	0.18	0.08	0.16
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD13	4	0.18	0.08	0.16
(1,4763)	1:144:A:LEU:HD11	1:145:A:ASP:H	4	0.18	0.08	0.16
(1,4763)	1:144:A:LEU:HD12	1:145:A:ASP:H	4	0.18	0.08	0.16
(1,4763)	1:144:A:LEU:HD13	1:145:A:ASP:H	4	0.18	0.08	0.16
(1,4807)	1:148:A:ASN:HB2	1:150:A:TYR:H	4	0.14	0.01	0.15
(1,4807)	1:148:A:ASN:HB3	1:150:A:TYR:H	4	0.14	0.01	0.15
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	4	0.13	0.02	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	4	0.13	0.02	0.13
(1,3366)	1:29:A:LEU:HA	1:2:A:ASN:H	4	0.13	0.02	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,5216)	1:149:A:GLN:HB2	1:152:A:LEU:H	4	0.12	0.02	0.12
(1,5216)	1:149:A:GLN:HB3	1:152:A:LEU:H	4	0.12	0.02	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG21	4	0.12	0.01	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG22	4	0.12	0.01	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG23	4	0.12	0.01	0.12
(1,236)	1:49:A:LEU:HB2	1:6:A:PHE:HZ	4	0.11	0.01	0.11
(1,236)	1:49:A:LEU:HB3	1:6:A:PHE:HZ	4	0.11	0.01	0.11
(1,2200)	1:21:A:ILE:H	1:20:A:LYS:HA	4	0.1	0.0	0.1
(1,3561)	1:20:A:LYS:HA	1:21:A:ILE:H	4	0.1	0.0	0.1
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD2	3	0.95	0.25	0.78
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD3	3	0.95	0.25	0.78
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD2	3	0.95	0.25	0.78
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD3	3	0.95	0.25	0.78
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD2	3	0.95	0.25	0.78
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD3	3	0.95	0.25	0.78
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	3	0.88	0.53	1.03
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	3	0.88	0.53	1.03
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	3	0.88	0.53	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	3	0.88	0.53	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	3	0.88	0.53	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	3	0.88	0.53	1.03
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD11	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD12	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD13	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD11	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD12	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD13	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD11	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD12	3	0.81	0.2	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD13	3	0.81	0.2	0.93
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD11	3	0.24	0.06	0.26
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD12	3	0.24	0.06	0.26
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD13	3	0.24	0.06	0.26
(1,67)	1:95:A:GLU:HG2	1:96:A:TRP:HZ2	3	0.19	0.06	0.21
(1,67)	1:95:A:GLU:HG3	1:96:A:TRP:HZ2	3	0.19	0.06	0.21
(1,4446)	1:109:A:SER:HB2	1:110:A:THR:H	3	0.13	0.0	0.13
(1,4446)	1:109:A:SER:HB3	1:110:A:THR:H	3	0.13	0.0	0.13
(1,2407)	1:42:A:LEU:HA	1:42:A:LEU:HG	3	0.12	0.0	0.12
(1,4320)	1:131:A:PRO:HG2	1:99:A:ASP:H	3	0.12	0.01	0.13
(1,4320)	1:131:A:PRO:HG3	1:99:A:ASP:H	3	0.12	0.01	0.13
(1,3894)	1:99:A:ASP:HB2	1:59:A:GLY:H	3	0.11	0.01	0.12
(1,3894)	1:99:A:ASP:HB3	1:59:A:GLY:H	3	0.11	0.01	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2177)	1:18:A:ALA:HB1	1:16:A:MET:HA	3	0.11	0.0	0.11
(1,2177)	1:18:A:ALA:HB2	1:16:A:MET:HA	3	0.11	0.0	0.11
(1,2177)	1:18:A:ALA:HB3	1:16:A:MET:HA	3	0.11	0.0	0.11
(1,3948)	1:62:A:GLN:HG2	1:63:A:GLU:H	3	0.11	0.0	0.11
(1,3948)	1:62:A:GLN:HG3	1:63:A:GLU:H	3	0.11	0.0	0.11
(1,4400)	1:109:A:SER:H	1:106:A:ASP:H	3	0.1	0.0	0.1
(1,4443)	1:106:A:ASP:H	1:109:A:SER:H	3	0.1	0.0	0.1
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD21	2	1.22	1.09	1.22
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD22	2	1.22	1.09	1.22
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD23	2	1.22	1.09	1.22
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD21	2	1.22	1.09	1.22
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD22	2	1.22	1.09	1.22
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD23	2	1.22	1.09	1.22
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD11	2	1.03	0.91	1.03
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD12	2	1.03	0.91	1.03
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD13	2	1.03	0.91	1.03
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD11	2	1.03	0.91	1.03
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD12	2	1.03	0.91	1.03
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD13	2	1.03	0.91	1.03
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	2	0.86	0.06	0.86
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD21	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD22	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD23	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD21	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD22	2	0.86	0.06	0.86
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD23	2	0.86	0.06	0.86
(1,389)	1:96:A:TRP:HD1	1:96:A:TRP:HA	2	0.72	0.01	0.72
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD21	2	0.65	0.16	0.65
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD22	2	0.65	0.16	0.65
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD23	2	0.65	0.16	0.65
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD21	2	0.65	0.16	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD22	2	0.65	0.16	0.65
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD23	2	0.65	0.16	0.65
(1,4752)	1:98:A:LEU:HD21	1:144:A:LEU:H	2	0.5	0.03	0.5
(1,4752)	1:98:A:LEU:HD22	1:144:A:LEU:H	2	0.5	0.03	0.5
(1,4752)	1:98:A:LEU:HD23	1:144:A:LEU:H	2	0.5	0.03	0.5
(1,4277)	1:96:A:TRP:HE3	1:95:A:GLU:H	2	0.46	0.06	0.46
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	2	0.3	0.01	0.3
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	2	0.3	0.01	0.3
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	2	0.3	0.01	0.3
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	2	0.3	0.01	0.3
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	2	0.3	0.01	0.3
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB2	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB3	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB2	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB3	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB2	2	0.3	0.01	0.3
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB3	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	2	0.3	0.01	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	2	0.3	0.01	0.3
(1,4885)	1:155:A:GLU:HG2	1:156:A:ARG:H	2	0.27	0.01	0.27
(1,4885)	1:155:A:GLU:HG3	1:156:A:ARG:H	2	0.27	0.01	0.27
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	2	0.24	0.02	0.24
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	2	0.24	0.02	0.24
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	2	0.24	0.02	0.24
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	2	0.24	0.02	0.24
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	2	0.24	0.02	0.24
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	2	0.24	0.02	0.24
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	2	0.24	0.02	0.24
(1,3346)	1:98:A:LEU:H	2:201:A:FMN:HN3	2	0.22	0.04	0.22
(1,5037)	1:96:A:TRP:HA	1:96:A:TRP:HE1	2	0.2	0.03	0.2
(1,4305)	1:98:A:LEU:HD21	1:98:A:LEU:H	2	0.18	0.01	0.18
(1,4305)	1:98:A:LEU:HD22	1:98:A:LEU:H	2	0.18	0.01	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,4305)	1:98:A:LEU:HD23	1:98:A:LEU:H	2	0.18	0.01	0.18
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD21	2	0.17	0.0	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD22	2	0.17	0.0	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD23	2	0.17	0.0	0.17
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB2	2	0.17	0.01	0.17
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB3	2	0.17	0.01	0.17
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB2	2	0.17	0.01	0.17
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB3	2	0.17	0.01	0.17
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB2	2	0.17	0.01	0.17
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB3	2	0.17	0.01	0.17
(1,4848)	1:152:A:LEU:HG	1:153:A:SER:H	2	0.17	0.05	0.17
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE2	2	0.15	0.01	0.15
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE3	2	0.15	0.01	0.15
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG2	2	0.15	0.01	0.15
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG3	2	0.15	0.01	0.15
(1,4898)	1:158:A:GLN:HG2	1:159:A:SER:H	2	0.15	0.01	0.15
(1,4898)	1:158:A:GLN:HG3	1:159:A:SER:H	2	0.15	0.01	0.15
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG11	2	0.15	0.03	0.15
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG12	2	0.15	0.03	0.15
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG13	2	0.15	0.03	0.15
(1,3206)	1:172:A:TYR:HD1	1:169:A:ALA:HA	2	0.15	0.0	0.15
(1,3206)	1:172:A:TYR:HD2	1:169:A:ALA:HA	2	0.15	0.0	0.15
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD21	2	0.14	0.02	0.14
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD22	2	0.14	0.02	0.14
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD23	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD21	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD22	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD23	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD21	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD22	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD23	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD21	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD22	2	0.14	0.02	0.14
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD23	2	0.14	0.02	0.14
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD11	2	0.14	0.02	0.14
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD12	2	0.14	0.02	0.14
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD13	2	0.14	0.02	0.14
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE21	2	0.14	0.02	0.14
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE22	2	0.14	0.02	0.14
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG21	2	0.13	0.0	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG22	2	0.13	0.0	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG23	2	0.13	0.0	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG21	2	0.13	0.0	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG22	2	0.13	0.0	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG23	2	0.13	0.0	0.13
(1,3143)	1:156:A:ARG:H	1:157:A:ILE:HB	2	0.13	0.02	0.13
(1,3680)	1:6:A:PHE:HA	1:35:A:LEU:H	2	0.12	0.01	0.12
(1,3708)	1:34:A:ASN:HB2	1:37:A:ASP:H	2	0.12	0.01	0.12
(1,3708)	1:34:A:ASN:HB3	1:37:A:ASP:H	2	0.12	0.01	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD11	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD12	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD13	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD11	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD12	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD13	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD11	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD12	2	0.12	0.0	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD13	2	0.12	0.0	0.12
(1,3446)	1:7:A:TYR:HD1	1:9:A:SER:H	2	0.12	0.0	0.12
(1,3446)	1:7:A:TYR:HD2	1:9:A:SER:H	2	0.12	0.0	0.12
(1,3796)	1:3:A:MET:HA	1:48:A:VAL:H	2	0.12	0.0	0.12
(1,4579)	1:124:A:TYR:HE1	1:125:A:GLU:H	2	0.12	0.0	0.12
(1,4579)	1:124:A:TYR:HE2	1:125:A:GLU:H	2	0.12	0.0	0.12
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG12	2	0.11	0.01	0.11
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG13	2	0.11	0.01	0.11
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG12	2	0.11	0.01	0.11
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG13	2	0.11	0.01	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG21	2	0.11	0.0	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG22	2	0.11	0.0	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG23	2	0.11	0.0	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG21	2	0.11	0.0	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG22	2	0.11	0.0	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG23	2	0.11	0.0	0.11
(1,311)	1:133:A:ILE:H	1:133:A:ILE:HA	2	0.11	0.0	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG21	2	0.11	0.0	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG22	2	0.11	0.0	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG23	2	0.11	0.0	0.11
(1,2079)	1:2:A:ASN:HB2	1:1:A:MET:HA	2	0.11	0.0	0.11
(1,2079)	1:2:A:ASN:HB3	1:1:A:MET:HA	2	0.11	0.0	0.11
(1,3099)	1:150:A:TYR:HD1	1:147:A:THR:HA	2	0.11	0.0	0.11
(1,3099)	1:150:A:TYR:HD2	1:147:A:THR:HA	2	0.11	0.0	0.11
(1,4040)	1:72:A:LEU:HB2	1:74:A:ASP:H	2	0.11	0.0	0.11
(1,4040)	1:72:A:LEU:HB3	1:74:A:ASP:H	2	0.11	0.0	0.11
(1,4631)	1:133:A:ILE:HA	1:133:A:ILE:H	2	0.11	0.0	0.11

Continued on next page...

Continued from previous page...

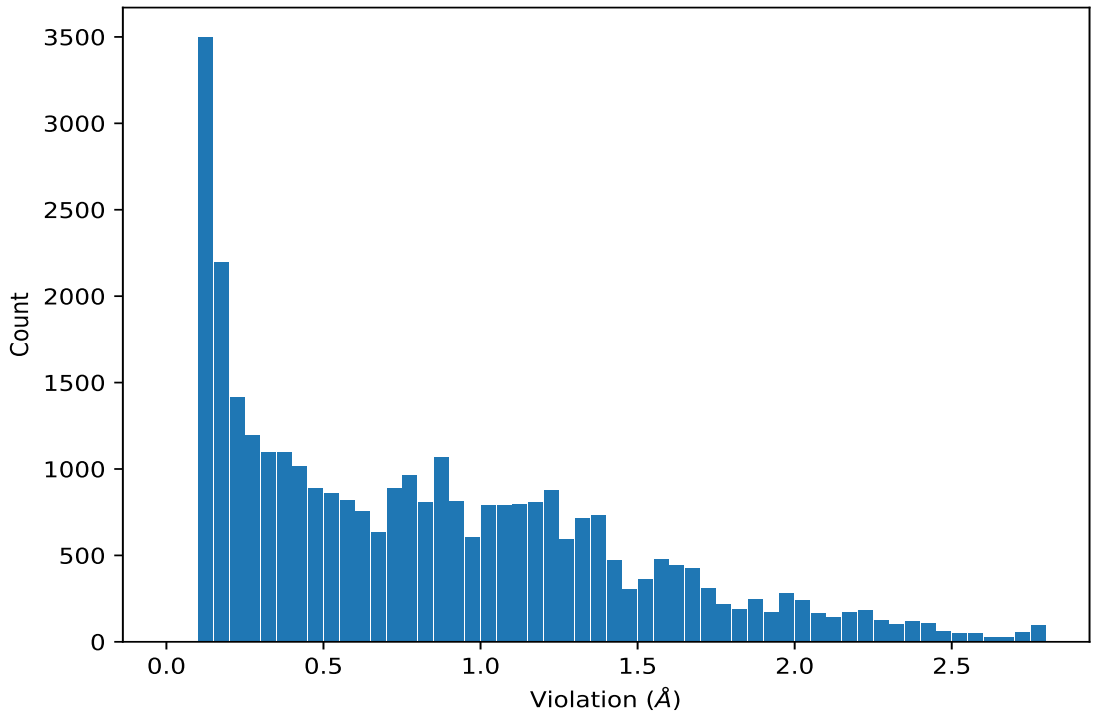
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,155)	1:64:A:ASP:HB2	1:56:A:TRP:HE1	2	0.11	0.0	0.11
(2,155)	1:64:A:ASP:HB3	1:56:A:TRP:HE1	2	0.11	0.0	0.11
(1,1648)	1:142:A:LEU:HG	1:157:A:ILE:HA	2	0.1	0.0	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG2	2	0.1	0.0	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG3	2	0.1	0.0	0.1
(1,3068)	1:157:A:ILE:HA	1:142:A:LEU:HG	2	0.1	0.0	0.1
(1,3138)	1:158:A:GLN:H	1:157:A:ILE:HA	2	0.1	0.0	0.1
(1,3737)	1:42:A:LEU:HB2	1:42:A:LEU:H	2	0.1	0.0	0.1
(1,3737)	1:42:A:LEU:HB3	1:42:A:LEU:H	2	0.1	0.0	0.1
(1,3739)	1:42:A:LEU:HB2	1:42:A:LEU:H	2	0.1	0.0	0.1
(1,3739)	1:42:A:LEU:HB3	1:42:A:LEU:H	2	0.1	0.0	0.1

[1]Number of violated models, [2]Standard deviation

9.5 All violated distance restraints

9.5.1 Histogram : Distribution of distance violations

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)
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	15	2.8
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	15	2.8
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	15	2.8
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	2	2.8
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	2	2.8
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	2	2.8
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	18	2.79
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	18	2.79
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	18	2.79
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	17	2.79
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	17	2.79
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	17	2.79
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	7	2.78
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	7	2.78
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	7	2.78
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	14	2.78
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	14	2.78
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	14	2.78
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	17	2.78
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	17	2.78
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	17	2.78
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	14	2.78
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	14	2.78
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	14	2.78
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	18	2.78
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	18	2.78
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	18	2.78
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	19	2.77
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	19	2.77
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	19	2.77
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	1	2.77
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	1	2.77
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	1	2.77
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	7	2.77
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	7	2.77
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	7	2.77
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	8	2.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	8	2.77
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	8	2.77
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	12	2.77
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	12	2.77
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	12	2.77
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	15	2.77
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	15	2.77
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	15	2.77
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	1	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	1	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	1	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	2	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	2	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	2	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	5	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	5	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	5	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	6	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	6	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	6	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	8	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	8	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	8	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	9	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	9	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	9	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	10	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	10	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	10	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	16	2.76
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	16	2.76
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	16	2.76
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	9	2.76
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	9	2.76
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	9	2.76
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	10	2.76
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	10	2.76
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	10	2.76
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	12	2.75
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	12	2.75
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	12	2.75
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	20	2.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	20	2.75
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	20	2.75
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	5	2.75
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	5	2.75
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	5	2.75
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	6	2.75
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	6	2.75
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	6	2.75
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	19	2.75
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	19	2.75
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	19	2.75
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	20	2.75
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	20	2.75
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	20	2.75
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	3	2.74
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	3	2.74
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	3	2.74
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	11	2.74
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	11	2.74
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	11	2.74
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	13	2.74
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	13	2.74
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	13	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	3	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	3	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	3	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	8	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	8	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	8	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	18	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	18	2.74
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	18	2.74
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	4	2.73
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	4	2.73
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	4	2.73
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	4	2.73
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	4	2.73
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	4	2.73
(1,5189)	1:35:A:LEU:HD21	1:65:A:TRP:HE1	4	2.72
(1,5189)	1:35:A:LEU:HD22	1:65:A:TRP:HE1	4	2.72
(1,5189)	1:35:A:LEU:HD23	1:65:A:TRP:HE1	4	2.72
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	16	2.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	16	2.72
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	16	2.72
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	19	2.72
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	19	2.72
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	19	2.72
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	3	2.71
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	3	2.71
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	3	2.71
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	13	2.71
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	13	2.71
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	13	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	7	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	7	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	7	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	14	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	14	2.71
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	14	2.71
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	10	2.7
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	10	2.7
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	10	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	12	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	12	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	12	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	13	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	13	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	13	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	15	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	15	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	15	2.7
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	5	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	5	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	5	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	20	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	20	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	20	2.69
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	17	2.68
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	17	2.68
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	17	2.68
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	2	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	2	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	2	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	9	2.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	9	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	9	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	11	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	11	2.67
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	11	2.67
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	11	2.65
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	11	2.65
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	11	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	1	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	1	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	1	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG11	6	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG12	6	2.65
(1,2007)	1:130:A:LYS:H	1:132:A:VAL:HG13	6	2.65
(1,3720)	1:35:A:LEU:HD11	1:39:A:SER:H	16	2.64
(1,3720)	1:35:A:LEU:HD12	1:39:A:SER:H	16	2.64
(1,3720)	1:35:A:LEU:HD13	1:39:A:SER:H	16	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	8	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	8	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	8	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	11	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	11	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	11	2.64
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	8	2.64
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	8	2.64
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	8	2.64
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	11	2.64
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	11	2.64
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	11	2.64
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	6	2.63
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	6	2.63
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	6	2.63
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	6	2.63
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	6	2.63
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	6	2.63
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	4	2.6
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	4	2.6
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	4	2.6
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	4	2.6
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	4	2.6
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	4	2.6
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	18	2.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	18	2.59
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	18	2.59
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	18	2.59
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	18	2.59
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	18	2.59
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	20	2.58
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	20	2.58
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	20	2.58
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	20	2.58
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	20	2.58
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	20	2.58
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	3	2.57
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	3	2.57
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	3	2.57
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	14	2.57
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	14	2.57
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	14	2.57
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	3	2.57
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	3	2.57
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	3	2.57
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	14	2.57
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	14	2.57
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	14	2.57
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	14	2.56
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	14	2.56
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	14	2.56
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	18	2.56
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	18	2.56
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	18	2.56
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	5	2.56
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	5	2.56
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	5	2.56
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	5	2.56
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	5	2.56
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	5	2.56
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	12	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	12	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	12	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	13	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	13	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	13	2.55
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	12	2.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	12	2.55
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	12	2.55
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	13	2.55
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	13	2.55
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	13	2.55
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	1	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	1	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	1	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	2	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	2	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	2	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	17	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	17	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	17	2.54
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	1	2.54
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	1	2.54
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	1	2.54
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	2	2.54
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	2	2.54
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	2	2.54
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	17	2.54
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	17	2.54
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	17	2.54
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	7	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	7	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	7	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	10	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	10	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	10	2.52
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	7	2.52
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	7	2.52
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	7	2.52
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	10	2.52
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	10	2.52
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	10	2.52
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	19	2.51
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	19	2.51
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	19	2.51
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	19	2.51
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	19	2.51
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	19	2.51
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	8	2.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	8	2.5
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	8	2.5
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	16	2.5
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	16	2.5
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	16	2.5
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	8	2.5
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	8	2.5
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	8	2.5
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	10	2.5
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	10	2.5
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	10	2.5
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	4	2.49
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	4	2.49
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	4	2.49
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	10	2.48
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	10	2.48
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	10	2.48
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	11	2.48
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	11	2.48
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	11	2.48
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	15	2.48
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	15	2.48
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	15	2.48
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	18	2.48
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	18	2.48
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	18	2.48
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	7	2.48
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	7	2.48
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	7	2.48
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	10	2.47
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	10	2.47
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	10	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	6	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	6	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	6	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	7	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	7	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	7	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	13	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	13	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	13	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	14	2.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	14	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	14	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	17	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	17	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	17	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	19	2.47
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	19	2.47
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	19	2.47
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	12	2.47
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	12	2.47
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	12	2.47
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	1	2.46
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	1	2.46
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	1	2.46
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	20	2.46
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	20	2.46
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	20	2.46
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	2	2.46
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	2	2.46
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	2	2.46
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	19	2.46
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	19	2.46
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	19	2.46
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	4	2.45
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	4	2.45
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	4	2.45
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	6	2.45
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	6	2.45
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	6	2.45
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	11	2.45
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	11	2.45
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	11	2.45
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	18	2.44
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	18	2.44
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	18	2.44
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	5	2.44
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	5	2.44
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	5	2.44
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	9	2.44
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	9	2.44
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	9	2.44
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	17	2.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	17	2.44
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	17	2.44
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	20	2.44
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	20	2.44
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	20	2.44
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	4	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	4	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	4	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	8	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	8	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	8	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	12	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	12	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	12	2.43
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	2	2.43
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	2	2.43
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	2	2.43
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	14	2.43
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	14	2.43
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	14	2.43
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	14	2.43
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	14	2.43
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	14	2.43
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	3	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	3	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	3	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	5	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	5	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	5	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	13	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	13	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	13	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	19	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	19	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	19	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	20	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	20	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	20	2.42
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	12	2.42
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	12	2.42
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	12	2.42
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	20	2.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	20	2.42
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	20	2.42
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	10	2.42
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	10	2.42
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	10	2.42
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	10	2.42
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	10	2.42
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	10	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	3	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	3	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	3	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	8	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	8	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	8	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	16	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	16	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	16	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	19	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	19	2.42
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	19	2.42
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	1	2.42
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	1	2.42
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	1	2.42
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	7	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	7	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	7	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	17	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	17	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	17	2.41
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	2	2.41
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	2	2.41
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	2	2.41
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	9	2.41
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	9	2.41
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	9	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	14	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	14	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	14	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	17	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	17	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	17	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	18	2.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	18	2.41
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	18	2.41
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	16	2.4
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	16	2.4
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	16	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	5	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	5	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	5	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	6	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	6	2.4
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	6	2.4
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	9	2.39
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	9	2.39
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	9	2.39
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	15	2.39
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	15	2.39
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	15	2.39
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	17	2.39
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	17	2.39
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	17	2.39
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	7	2.39
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	7	2.39
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	7	2.39
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	7	2.39
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	7	2.39
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	7	2.39
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	18	2.39
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	18	2.39
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	18	2.39
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	18	2.39
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	18	2.39
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	18	2.39
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD21	9	2.39
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD22	9	2.39
(1,1115)	1:105:A:HIS:HD2	1:84:A:LEU:HD23	9	2.39
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	18	2.39
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	18	2.39
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	18	2.39
(1,178)	1:84:A:LEU:HD21	1:105:A:HIS:HD2	9	2.39
(1,178)	1:84:A:LEU:HD22	1:105:A:HIS:HD2	9	2.39
(1,178)	1:84:A:LEU:HD23	1:105:A:HIS:HD2	9	2.39
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	2	2.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	2	2.38
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	2	2.38
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	11	2.38
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	11	2.38
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	11	2.38
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	14	2.38
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	14	2.38
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	14	2.38
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	19	2.38
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	19	2.38
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	19	2.38
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	19	2.38
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	19	2.38
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	19	2.38
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	7	2.38
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	7	2.38
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	7	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	8	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	8	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	8	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	9	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	9	2.38
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	9	2.38
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	18	2.37
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	18	2.37
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	18	2.37
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	2	2.37
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	2	2.37
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	2	2.37
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	3	2.37
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	3	2.37
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	3	2.37
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	18	2.37
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	18	2.37
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	18	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	7	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	7	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	7	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	15	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	15	2.37
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	15	2.37
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	1	2.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	1	2.36
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	1	2.36
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	6	2.36
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	6	2.36
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	6	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	1	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	1	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	1	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	9	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	9	2.36
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	9	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	13	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	13	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	13	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	18	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	18	2.36
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	18	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	1	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	1	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	1	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	13	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	13	2.36
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	13	2.36
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	7	2.35
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	7	2.35
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	7	2.35
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG21	11	2.35
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG22	11	2.35
(1,2650)	1:137:A:GLN:H	1:132:A:VAL:HG23	11	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	7	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	7	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	7	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	12	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	12	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	12	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	19	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	19	2.35
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	19	2.35
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	20	2.35
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	20	2.35
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	20	2.35
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	14	2.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	14	2.35
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	14	2.35
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	5	2.34
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	5	2.34
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	5	2.34
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	17	2.34
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	17	2.34
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	17	2.34
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	16	2.34
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	16	2.34
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	16	2.34
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	3	2.33
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	3	2.33
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	3	2.33
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	6	2.33
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	6	2.33
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	6	2.33
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	8	2.33
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	8	2.33
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	8	2.33
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	13	2.33
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	13	2.33
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	13	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	6	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	6	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	6	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	9	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	9	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	9	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	17	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	17	2.33
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	17	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	4	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	4	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	4	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	10	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	10	2.33
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	10	2.33
(1,2406)	1:140:A:VAL:HG21	1:133:A:ILE:HB	3	2.32
(1,2406)	1:140:A:VAL:HG22	1:133:A:ILE:HB	3	2.32
(1,2406)	1:140:A:VAL:HG23	1:133:A:ILE:HB	3	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	10	2.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	10	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	10	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	14	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	14	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	14	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	15	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	15	2.32
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	15	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	2	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	2	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	2	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD11	3	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD12	3	2.32
(1,789)	1:4:A:GLY:H	1:49:A:LEU:HD13	3	2.32
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	11	2.31
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	11	2.31
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	11	2.31
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	12	2.31
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	12	2.31
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	12	2.31
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	19	2.31
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	19	2.31
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	19	2.31
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	11	2.31
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	11	2.31
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	11	2.31
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD21	9	2.31
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD22	9	2.31
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD23	9	2.31
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD21	9	2.31
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD22	9	2.31
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD23	9	2.31
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	8	2.31
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	8	2.31
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	8	2.31
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	8	2.31
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	8	2.31
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	8	2.31
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	5	2.31
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	5	2.31
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	5	2.31
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	11	2.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	11	2.31
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	11	2.31
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	11	2.31
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	11	2.31
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	11	2.31
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	1	2.3
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	1	2.3
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	1	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	1	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	1	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	1	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	3	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	3	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	3	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	4	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	4	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	4	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	12	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	12	2.3
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	12	2.3
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	20	2.29
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	20	2.29
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	20	2.29
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	20	2.29
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	20	2.29
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	20	2.29
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	3	2.29
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	3	2.29
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	3	2.29
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	3	2.29
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	3	2.29
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	3	2.29
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	8	2.29
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	8	2.29
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	8	2.29
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	3	2.28
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	3	2.28
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	3	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	14	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	14	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	14	2.28
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	14	2.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	14	2.28
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	14	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	16	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	16	2.28
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	16	2.28
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	16	2.28
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	16	2.28
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	16	2.28
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	2	2.28
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	2	2.28
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	2	2.28
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD21	20	2.28
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD22	20	2.28
(1,832)	1:65:A:TRP:HZ2	1:35:A:LEU:HD23	20	2.28
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	18	2.27
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	18	2.27
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	18	2.27
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	19	2.27
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	19	2.27
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	19	2.27
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	13	2.27
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	13	2.27
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	13	2.27
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	13	2.27
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	13	2.27
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	13	2.27
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	17	2.27
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	17	2.27
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	17	2.27
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	17	2.27
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	17	2.27
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	17	2.27
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	1	2.27
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	1	2.27
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	1	2.27
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	1	2.27
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	1	2.27
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	1	2.27
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG21	19	2.27
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG22	19	2.27
(1,1174)	1:78:A:GLU:HA	1:113:A:VAL:HG23	19	2.27
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	10	2.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	10	2.27
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	10	2.27
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	1	2.26
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	1	2.26
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	1	2.26
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	1	2.26
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	1	2.26
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	1	2.26
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	10	2.26
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	10	2.26
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	10	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	9	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	9	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	9	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	9	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	9	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	9	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	17	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	17	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	17	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	17	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	17	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	17	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	20	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	20	2.26
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	20	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	20	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	20	2.26
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	20	2.26
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	9	2.25
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	9	2.25
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	9	2.25
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	15	2.25
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	15	2.25
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	15	2.25
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	10	2.25
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	10	2.25
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	10	2.25
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	12	2.25
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	12	2.25
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	12	2.25
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	12	2.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	12	2.25
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	12	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	15	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	15	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	15	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	15	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	15	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	15	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	16	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	16	2.25
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	16	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	16	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	16	2.25
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	16	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	5	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	5	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	5	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	7	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	7	2.25
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	7	2.25
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	8	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	8	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	8	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	18	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	18	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	18	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	2	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	2	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	2	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	2	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	2	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	2	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	4	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	4	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	4	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	4	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	4	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	4	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	6	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	6	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	6	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	6	2.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	6	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	6	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	8	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	8	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	8	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	8	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	8	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	8	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	10	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	10	2.24
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	10	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	10	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	10	2.24
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	10	2.24
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	5	2.24
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	5	2.24
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	5	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	3	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	3	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	3	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	3	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	3	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	3	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	12	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	12	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	12	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	12	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	12	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	12	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	19	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	19	2.24
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	19	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	19	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	19	2.24
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	19	2.24
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	5	2.23
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	5	2.23
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	5	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	5	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	5	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	5	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	5	2.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	5	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	5	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	7	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	7	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	7	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	7	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	7	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	7	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	19	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	19	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	19	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	19	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	19	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	19	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	20	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	20	2.23
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	20	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	20	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	20	2.23
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	20	2.23
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	20	2.23
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	20	2.23
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	20	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	4	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	4	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	4	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	6	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	6	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	6	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	11	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	11	2.23
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	11	2.23
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	7	2.22
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	7	2.22
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	7	2.22
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	9	2.22
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	9	2.22
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	9	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	6	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	6	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	6	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	6	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	6	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	6	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	7	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	7	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	7	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	7	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	7	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	7	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	10	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	10	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	10	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	10	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	10	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	10	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	14	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	14	2.22
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	14	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	14	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	14	2.22
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	14	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	4	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	4	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	4	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	18	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	18	2.22
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	18	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	15	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	15	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	15	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	19	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	19	2.22
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	19	2.22
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	4	2.21
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	4	2.21
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	4	2.21
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	10	2.21
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	10	2.21
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	10	2.21
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	3	2.21
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	3	2.21
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	3	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	1	2.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	1	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	1	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	2	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	2	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	2	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	15	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	15	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	15	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	17	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	17	2.21
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	17	2.21
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	16	2.21
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	16	2.21
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	16	2.21
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	13	2.2
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	13	2.2
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	13	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	4	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	4	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	4	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	16	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	16	2.2
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	16	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	12	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	12	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	12	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	13	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	13	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	13	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	19	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	19	2.2
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	19	2.2
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	17	2.2
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	17	2.2
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	17	2.2
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	7	2.19
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	7	2.19
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	7	2.19
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	17	2.19
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	17	2.19
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	17	2.19
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	13	2.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	13	2.19
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	13	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	13	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	13	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	13	2.19
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	15	2.19
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	15	2.19
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	15	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	15	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	15	2.19
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	15	2.19
(1,1175)	1:108:A:LEU:HA	1:77:A:LEU:HD11	3	2.19
(1,1175)	1:108:A:LEU:HA	1:77:A:LEU:HD12	3	2.19
(1,1175)	1:108:A:LEU:HA	1:77:A:LEU:HD13	3	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	7	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	7	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	7	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	18	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	18	2.19
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	18	2.19
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	2	2.18
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	2	2.18
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	2	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	6	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	6	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	6	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	15	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	15	2.18
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	15	2.18
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	16	2.18
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	16	2.18
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	16	2.18
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	20	2.18
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	20	2.18
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	20	2.18
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	20	2.18
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	20	2.18
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	20	2.18
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	9	2.18
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	9	2.18
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	9	2.18
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	11	2.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	11	2.18
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	11	2.18
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	6	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	6	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	6	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	17	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	17	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	17	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	19	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	19	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	19	2.17
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	12	2.17
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	12	2.17
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	12	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	3	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	3	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	3	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	8	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	8	2.17
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	8	2.17
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	12	2.17
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	12	2.17
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	12	2.17
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	3	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	3	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	3	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	4	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	4	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	4	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	7	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	7	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	7	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	10	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	10	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	10	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	12	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	12	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	12	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	13	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	13	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	13	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	16	2.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	16	2.16
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	16	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	8	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	8	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	8	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	8	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	8	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	8	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	11	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	11	2.16
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	11	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	11	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	11	2.16
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	11	2.16
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	1	2.16
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	1	2.16
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	1	2.16
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	1	2.16
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	1	2.16
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	1	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	6	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	6	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	6	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	14	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	14	2.16
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	14	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	1	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	1	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	1	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	10	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	10	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	10	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	14	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	14	2.16
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	14	2.16
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	15	2.15
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	15	2.15
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	15	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	1	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	1	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	1	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	5	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	5	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	5	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	8	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	8	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	8	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	9	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	9	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	9	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	14	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	14	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	14	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	20	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	20	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	20	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	2	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	2	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	2	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	13	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	13	2.15
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	13	2.15
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	4	2.15
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	4	2.15
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	4	2.15
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	4	2.15
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	4	2.15
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	4	2.15
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	17	2.15
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	17	2.15
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	17	2.15
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	17	2.15
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	17	2.15
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	17	2.15
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	2	2.15
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	2	2.15
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	2	2.15
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	11	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	11	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	11	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	15	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	15	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	15	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG11	18	2.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG12	18	2.14
(1,2585)	1:69:A:TRP:HA	1:68:A:VAL:HG13	18	2.14
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	14	2.14
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	14	2.14
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	14	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	10	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	10	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	10	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	19	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	19	2.14
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	19	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	8	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	8	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	8	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	13	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	13	2.14
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	13	2.14
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	11	2.13
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	11	2.13
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	11	2.13
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	2	2.13
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	2	2.13
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	2	2.13
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	2	2.13
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	2	2.13
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	2	2.13
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	9	2.13
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	9	2.13
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	9	2.13
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	9	2.13
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	9	2.13
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	9	2.13
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	7	2.13
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	7	2.13
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	7	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	5	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	5	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	5	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	9	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	9	2.13
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	9	2.13
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	18	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	18	2.12
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	18	2.12
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	18	2.12
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	18	2.12
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	18	2.12
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	18	2.12
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	18	2.12
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	18	2.12
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	18	2.12
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	18	2.12
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	18	2.12
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	3	2.12
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	3	2.12
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	3	2.12
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	3	2.12
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	3	2.12
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	3	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	3	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	3	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	3	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	11	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	11	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	11	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	18	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	18	2.12
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	18	2.12
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG11	16	2.12
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG12	16	2.12
(1,886)	1:65:A:TRP:HE3	1:68:A:VAL:HG13	16	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	1	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	1	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	1	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	1	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	1	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	1	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	20	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	20	2.12
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	20	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	20	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	20	2.12
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	20	2.12
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	20	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	20	2.12
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	20	2.12
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	9	2.11
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	9	2.11
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	9	2.11
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	1	2.11
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	1	2.11
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	1	2.11
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	14	2.11
(1,1237)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	14	2.11
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	14	2.11
(1,1237)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	14	2.11
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	14	2.11
(1,1237)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	14	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	4	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	4	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	4	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	5	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	5	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	5	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	9	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	9	2.11
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	9	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	2	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	2	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	2	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	2	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	2	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	2	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	12	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	12	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	12	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	12	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	12	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	12	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	17	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	17	2.11
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	17	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	17	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	17	2.11
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	17	2.11
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	20	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	20	2.1
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	20	2.1
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	8	2.1
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	8	2.1
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	8	2.1
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG11	3	2.1
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG12	3	2.1
(1,862)	1:114:A:LYS:H	1:82:A:VAL:HG13	3	2.1
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	13	2.09
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	13	2.09
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	13	2.09
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	16	2.09
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	16	2.09
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	16	2.09
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	16	2.09
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	16	2.09
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	16	2.09
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	16	2.09
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	16	2.09
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	16	2.09
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	16	2.09
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	16	2.09
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	16	2.09
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	16	2.09
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	16	2.09
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	16	2.09
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	18	2.08
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	18	2.08
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	18	2.08
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	18	2.08
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	18	2.08
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	18	2.08
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	18	2.08
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	18	2.08
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	18	2.08
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	5	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	5	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	5	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	6	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	6	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	6	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	10	2.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	10	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	10	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	12	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	12	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	12	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	19	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	19	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	19	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	20	2.07
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	20	2.07
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	20	2.07
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	16	2.07
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	16	2.07
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	16	2.07
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	20	2.07
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	20	2.07
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	20	2.07
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	20	2.07
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	20	2.07
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	20	2.07
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	1	2.07
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	1	2.07
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	1	2.07
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	20	2.07
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	20	2.07
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	20	2.07
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	20	2.07
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	20	2.07
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	20	2.07
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	20	2.07
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	20	2.07
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	20	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	6	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	6	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	6	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	15	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	15	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	15	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	16	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	16	2.07
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	16	2.07
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	1	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	1	2.06
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	1	2.06
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	3	2.06
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	3	2.06
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	3	2.06
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	15	2.06
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	15	2.06
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	15	2.06
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	15	2.06
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	15	2.06
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	15	2.06
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	15	2.06
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	15	2.06
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	15	2.06
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	8	2.06
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	8	2.06
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	8	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	4	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	4	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	4	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	4	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	4	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	4	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	4	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	4	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	4	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	6	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	6	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	6	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	6	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	6	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	6	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	6	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	6	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	6	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	8	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	8	2.06
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	8	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	8	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	8	2.06
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	8	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	8	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	8	2.06
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	8	2.06
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	13	2.06
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	13	2.06
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	13	2.06
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	4	2.05
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	4	2.05
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	4	2.05
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	7	2.05
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	7	2.05
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	7	2.05
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	17	2.05
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	17	2.05
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	17	2.05
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	7	2.05
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	7	2.05
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	7	2.05
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	7	2.05
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	7	2.05
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	7	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	9	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	9	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	9	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	10	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	10	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	10	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	18	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	18	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	18	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	19	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	19	2.05
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	19	2.05
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	16	2.05
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	16	2.05
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	16	2.05
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	19	2.05
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	19	2.05
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	19	2.05
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	11	2.05
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	11	2.05
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	11	2.05
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	12	2.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	12	2.05
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	12	2.05
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	17	2.05
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	17	2.05
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	17	2.05
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	2	2.04
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	2	2.04
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	2	2.04
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	18	2.04
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	18	2.04
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	18	2.04
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	10	2.04
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	10	2.04
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	10	2.04
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	10	2.04
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	10	2.04
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	10	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	1	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	1	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	1	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	3	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	3	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	3	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	7	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	7	2.04
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	7	2.04
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	8	2.04
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	8	2.04
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	8	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	14	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	14	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	14	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	14	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	14	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	14	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	14	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	14	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	14	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	17	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	17	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	17	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	17	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	17	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	17	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	17	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	17	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	17	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	19	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	19	2.04
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	19	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	19	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	19	2.04
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	19	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	19	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	19	2.04
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	19	2.04
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	14	2.04
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	14	2.04
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	14	2.04
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	8	2.03
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	8	2.03
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	8	2.03
(1,4727)	1:140:A:VAL:HG11	1:142:A:LEU:H	14	2.03
(1,4727)	1:140:A:VAL:HG12	1:142:A:LEU:H	14	2.03
(1,4727)	1:140:A:VAL:HG13	1:142:A:LEU:H	14	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	2	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	2	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	2	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	14	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	14	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	14	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	17	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	17	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	17	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	20	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	20	2.03
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	20	2.03
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	4	2.03
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	4	2.03
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	4	2.03
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	7	2.03
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	7	2.03
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	7	2.03
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	10	2.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	10	2.03
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	10	2.03
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	2	2.03
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	2	2.03
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	2	2.03
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	9	2.03
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	9	2.03
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	9	2.03
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	9	2.03
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	9	2.03
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	9	2.03
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	2	2.02
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	2	2.02
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	2	2.02
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	8	2.02
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	8	2.02
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	8	2.02
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	18	2.02
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	18	2.02
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	18	2.02
(1,3431)	1:35:A:LEU:HD21	1:8:A:GLY:H	14	2.02
(1,3431)	1:35:A:LEU:HD22	1:8:A:GLY:H	14	2.02
(1,3431)	1:35:A:LEU:HD23	1:8:A:GLY:H	14	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	4	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	4	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	4	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	15	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	15	2.02
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	15	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	2	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	2	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	2	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	8	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	8	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	8	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	18	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	18	2.02
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	18	2.02
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	18	2.02
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	18	2.02
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	18	2.02
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	7	2.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	7	2.02
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	7	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	7	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	7	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	7	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	7	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	7	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	7	2.02
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	10	2.02
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	10	2.02
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	10	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	10	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	10	2.02
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	10	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	10	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	10	2.02
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	10	2.02
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	4	2.01
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	4	2.01
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	4	2.01
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	5	2.01
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	5	2.01
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	5	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	1	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	1	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	1	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	1	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	1	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	1	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	8	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	8	2.01
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	8	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	8	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	8	2.01
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	8	2.01
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG11	20	2.01
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG12	20	2.01
(1,2584)	1:65:A:TRP:HH2	1:68:A:VAL:HG13	20	2.01
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	5	2.01
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	5	2.01
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	5	2.01
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	15	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	15	2.01
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	15	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	2	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	2	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	2	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	2	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	2	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	2	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	2	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	2	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	2	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	5	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	5	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	5	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	5	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	5	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	5	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	5	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	5	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	5	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	13	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	13	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	13	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	13	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	13	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	13	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	13	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	13	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	13	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	15	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	15	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	15	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	15	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	15	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	15	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	15	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	15	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	15	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	16	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	16	2.01
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	16	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	16	2.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	16	2.01
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	16	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	16	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	16	2.01
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	16	2.01
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	13	2.01
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	13	2.01
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	13	2.01
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	13	2.01
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	13	2.01
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	13	2.01
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	4	2.0
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	4	2.0
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	4	2.0
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	14	2.0
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	14	2.0
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	14	2.0
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	14	2.0
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	14	2.0
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	14	2.0
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	4	2.0
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	4	2.0
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	4	2.0
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	6	2.0
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	6	2.0
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	6	2.0
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	9	2.0
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	9	2.0
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	9	2.0
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	12	2.0
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	12	2.0
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	12	2.0
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	12	2.0
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	12	2.0
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	12	2.0
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	12	2.0
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	12	2.0
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	12	2.0
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	1	1.99
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	1	1.99
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	1	1.99
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	6	1.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	6	1.99
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	6	1.99
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	7	1.99
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	7	1.99
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	7	1.99
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	7	1.99
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	7	1.99
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	7	1.99
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	7	1.99
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	7	1.99
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	7	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	10	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	10	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	10	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	19	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	19	1.99
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	19	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	11	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	11	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	11	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	12	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	12	1.99
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	12	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	1	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	1	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	1	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	6	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	6	1.99
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	6	1.99
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	13	1.99
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	13	1.99
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	13	1.99
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	1	1.99
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	1	1.99
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	1	1.99
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	1	1.99
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	1	1.99
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	1	1.99
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	1	1.99
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	1	1.99
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	1	1.99
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	10	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	10	1.98
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	10	1.98
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	7	1.98
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	7	1.98
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	7	1.98
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	9	1.98
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	9	1.98
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	9	1.98
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	10	1.98
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	10	1.98
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	10	1.98
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	19	1.98
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	19	1.98
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	19	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	4	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	4	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	4	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	4	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	4	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	4	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	6	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	6	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	6	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	6	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	6	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	6	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	16	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	16	1.98
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	16	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	16	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	16	1.98
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	16	1.98
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	2	1.98
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	2	1.98
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	2	1.98
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	2	1.98
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	2	1.98
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	2	1.98
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	12	1.98
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	12	1.98
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	12	1.98
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	6	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	6	1.98
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	6	1.98
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	16	1.98
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	16	1.98
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	16	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	7	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	7	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	7	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	9	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	9	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	9	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	10	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	10	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	10	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	19	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	19	1.98
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	19	1.98
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	11	1.98
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	11	1.98
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	11	1.98
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	17	1.98
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	17	1.98
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	17	1.98
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	20	1.98
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	20	1.98
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	20	1.98
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	3	1.98
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	3	1.98
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	3	1.98
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	3	1.98
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	3	1.98
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	3	1.98
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	3	1.98
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	3	1.98
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	3	1.98
(1,1538)	1:111:A:LYS:HG2	1:77:A:LEU:HD11	3	1.98
(1,1538)	1:111:A:LYS:HG2	1:77:A:LEU:HD12	3	1.98
(1,1538)	1:111:A:LYS:HG2	1:77:A:LEU:HD13	3	1.98
(1,1538)	1:111:A:LYS:HG3	1:77:A:LEU:HD11	3	1.98
(1,1538)	1:111:A:LYS:HG3	1:77:A:LEU:HD12	3	1.98
(1,1538)	1:111:A:LYS:HG3	1:77:A:LEU:HD13	3	1.98
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	16	1.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	16	1.98
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	16	1.98
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	16	1.98
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	16	1.98
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	16	1.98
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	5	1.97
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	5	1.97
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	5	1.97
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	8	1.97
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	8	1.97
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	8	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	3	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	3	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	3	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	12	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	12	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	12	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	13	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	13	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	13	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	14	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	14	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	14	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	15	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	15	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	15	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	16	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	16	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	16	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	17	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	17	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	17	1.97
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	20	1.97
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	20	1.97
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	20	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	3	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	3	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	3	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	12	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	12	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	12	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	13	1.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	13	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	13	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	14	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	14	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	14	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	15	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	15	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	15	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	16	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	16	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	16	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	17	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	17	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	17	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	20	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	20	1.97
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	20	1.97
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	14	1.97
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	14	1.97
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	14	1.97
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG21	15	1.97
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG22	15	1.97
(1,1501)	1:84:A:LEU:HG	1:82:A:VAL:HG23	15	1.97
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	1	1.97
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	1	1.97
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	1	1.97
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	19	1.96
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	19	1.96
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	19	1.96
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	19	1.96
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	19	1.96
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	19	1.96
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	18	1.96
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	18	1.96
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	18	1.96
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	1	1.96
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	1	1.96
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	1	1.96
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	5	1.96
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	5	1.96
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	5	1.96
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG11	20	1.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG12	20	1.96
(1,888)	1:65:A:TRP:HZ3	1:68:A:VAL:HG13	20	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	5	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	5	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	5	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	5	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	5	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	5	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	8	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	8	1.96
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	8	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	8	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	8	1.96
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	8	1.96
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	17	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	17	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	17	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	17	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	17	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	17	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	18	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	18	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	18	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	18	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	18	1.95
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	18	1.95
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	18	1.95
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	18	1.95
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	18	1.95
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	13	1.95
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	13	1.95
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	13	1.95
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	12	1.95
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	12	1.95
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	12	1.95
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	11	1.95
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	11	1.95
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	11	1.95
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	11	1.95
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	11	1.95
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	11	1.95
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	11	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	11	1.95
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	11	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	9	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	9	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	9	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	9	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	9	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	9	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	13	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	13	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	13	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	13	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	13	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	13	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	14	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	14	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	14	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	14	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	14	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	14	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	19	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	19	1.95
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	19	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	19	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	19	1.95
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	19	1.95
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	9	1.94
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	9	1.94
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	9	1.94
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	9	1.94
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	9	1.94
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	9	1.94
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	1	1.94
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	1	1.94
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	1	1.94
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	1	1.94
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	1	1.94
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	1	1.94
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	1	1.94
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	1	1.94
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	1	1.94
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD11	3	1.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD12	3	1.94
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD13	3	1.94
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD11	3	1.94
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD12	3	1.94
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD13	3	1.94
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	2	1.94
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	2	1.94
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	2	1.94
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	13	1.93
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	13	1.93
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	13	1.93
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	13	1.93
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	13	1.93
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	13	1.93
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG21	5	1.93
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG22	5	1.93
(1,2465)	1:49:A:LEU:HA	1:48:A:VAL:HG23	5	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	3	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	3	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	3	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	3	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	3	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	3	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	4	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	4	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	4	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	4	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	4	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	4	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	6	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	6	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	6	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	6	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	6	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	6	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	7	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	7	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	7	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	7	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	7	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	7	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	10	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	10	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	10	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	10	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	10	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	10	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	11	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	11	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	11	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	11	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	11	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	11	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	15	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	15	1.93
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	15	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	15	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	15	1.93
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	15	1.93
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	2	1.92
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	2	1.92
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	2	1.92
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	7	1.92
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	7	1.92
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	7	1.92
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	13	1.92
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	13	1.92
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	13	1.92
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	20	1.92
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	20	1.92
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	20	1.92
(1,3627)	1:30:A:VAL:HG11	1:29:A:LEU:H	11	1.92
(1,3627)	1:30:A:VAL:HG12	1:29:A:LEU:H	11	1.92
(1,3627)	1:30:A:VAL:HG13	1:29:A:LEU:H	11	1.92
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	14	1.92
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	14	1.92
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	14	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	5	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	5	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	5	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	6	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	6	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	6	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	8	1.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	8	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	8	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	20	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	20	1.92
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	20	1.92
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG11	11	1.92
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG12	11	1.92
(1,2313)	1:29:A:LEU:H	1:30:A:VAL:HG13	11	1.92
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	2	1.92
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	2	1.92
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	2	1.92
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG21	9	1.92
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG22	9	1.92
(1,1613)	1:101:A:LEU:HD21	1:53:A:ILE:HG23	9	1.92
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG21	9	1.92
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG22	9	1.92
(1,1613)	1:101:A:LEU:HD22	1:53:A:ILE:HG23	9	1.92
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG21	9	1.92
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG22	9	1.92
(1,1613)	1:101:A:LEU:HD23	1:53:A:ILE:HG23	9	1.92
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	3	1.91
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	3	1.91
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	3	1.91
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	6	1.91
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	6	1.91
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	6	1.91
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	12	1.91
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	12	1.91
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	12	1.91
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	12	1.91
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	12	1.91
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	12	1.91
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	4	1.91
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	4	1.91
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	4	1.91
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	15	1.91
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	15	1.91
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	15	1.91
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	15	1.91
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	15	1.91
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	15	1.91
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	12	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	12	1.91
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	12	1.91
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	12	1.91
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	12	1.91
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	12	1.91
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	16	1.9
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	16	1.9
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	16	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	5	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	5	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	5	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	5	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	5	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	5	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	11	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	11	1.9
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	11	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	11	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	11	1.9
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	11	1.9
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	15	1.9
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	15	1.9
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	15	1.9
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	19	1.9
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	19	1.9
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	19	1.9
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	19	1.9
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	19	1.9
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	19	1.9
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	14	1.89
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	14	1.89
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	14	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	4	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	4	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	4	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	6	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	6	1.89
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	6	1.89
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	9	1.89
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	9	1.89
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	9	1.89
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	17	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	17	1.89
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	17	1.89
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	10	1.89
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	10	1.89
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	10	1.89
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	10	1.89
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	10	1.89
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	10	1.89
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	14	1.89
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	14	1.89
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	14	1.89
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	14	1.89
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	14	1.89
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	14	1.89
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	12	1.89
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	12	1.89
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	12	1.89
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG21	18	1.89
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG22	18	1.89
(1,870)	1:71:A:GLN:HE21	1:68:A:VAL:HG23	18	1.89
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG21	18	1.89
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG22	18	1.89
(1,870)	1:71:A:GLN:HE22	1:68:A:VAL:HG23	18	1.89
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	4	1.88
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	4	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	4	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	4	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	4	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	4	1.88
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	15	1.88
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	15	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	15	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	15	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	15	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	15	1.88
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	18	1.88
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	18	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	18	1.88
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	18	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	18	1.88
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	18	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	4	1.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	4	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	4	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	4	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	4	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	4	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	4	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	8	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	8	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	8	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	8	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	8	1.88
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	8	1.88
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	8	1.88
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	7	1.88
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	7	1.88
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	7	1.88
(1,1710)	1:140:A:VAL:HG21	1:133:A:ILE:HA	3	1.88
(1,1710)	1:140:A:VAL:HG22	1:133:A:ILE:HA	3	1.88
(1,1710)	1:140:A:VAL:HG23	1:133:A:ILE:HA	3	1.88
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	7	1.88
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	7	1.88
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	7	1.88
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	1	1.87
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	1	1.87
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	1	1.87
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	19	1.87
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	19	1.87
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	19	1.87
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	20	1.87
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	20	1.87
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	20	1.87
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	13	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	13	1.87
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	13	1.87
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	16	1.87
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	16	1.87
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	16	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	2	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	2	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	2	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	2	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	2	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	2	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	5	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	5	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	5	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	5	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	5	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	5	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	6	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	6	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	6	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	6	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	6	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	6	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	7	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	7	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	7	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	7	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	7	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	7	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	9	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	9	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	9	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	9	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	9	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	9	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	17	1.87
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	17	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	17	1.87
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	17	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	17	1.87
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	17	1.87
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	8	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	8	1.87
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	8	1.87
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	8	1.87
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	8	1.87
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	8	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	2	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	2	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	2	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	2	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	2	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	2	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	13	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	13	1.87
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	13	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	13	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	13	1.87
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	13	1.87
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	1	1.87
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	1	1.87
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	1	1.87
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	12	1.86
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	12	1.86
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	12	1.86
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	18	1.86
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	18	1.86
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	18	1.86
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	1	1.86
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	1	1.86
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	1	1.86
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	1	1.86
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	1	1.86
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	1	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	18	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	18	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	18	1.86
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	18	1.86
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	18	1.86
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	18	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	18	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	18	1.86
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	18	1.86
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	18	1.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	18	1.86
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	18	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	4	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	4	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	4	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	4	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	4	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	4	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	14	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	14	1.86
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	14	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	14	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	14	1.86
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	14	1.86
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	20	1.86
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	20	1.86
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	20	1.86
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	12	1.86
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	12	1.86
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	12	1.86
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	12	1.86
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	12	1.86
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	12	1.86
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	17	1.85
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	17	1.85
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	17	1.85
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	7	1.85
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	7	1.85
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	7	1.85
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	8	1.85
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	8	1.85
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	8	1.85
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	8	1.85
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	8	1.85
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	8	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	4	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	4	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	4	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	9	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	9	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	9	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	18	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	18	1.85
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	18	1.85
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	4	1.85
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	4	1.85
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	4	1.85
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	9	1.85
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	9	1.85
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	9	1.85
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	18	1.85
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	18	1.85
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	18	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	5	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	5	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	5	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	5	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	5	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	5	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	15	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	15	1.85
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	15	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	15	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	15	1.85
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	15	1.85
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	5	1.84
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	5	1.84
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	5	1.84
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	2	1.84
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	2	1.84
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	2	1.84
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	19	1.84
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	19	1.84
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	19	1.84
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	2	1.84
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	2	1.84
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	2	1.84
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	2	1.84
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	2	1.84
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	2	1.84
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	19	1.84
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	19	1.84
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	19	1.84
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	19	1.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	19	1.84
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	19	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	3	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	3	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	3	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	3	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	3	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	3	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	6	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	6	1.84
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	6	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	6	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	6	1.84
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	6	1.84
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	13	1.83
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	13	1.83
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	13	1.83
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	13	1.83
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	13	1.83
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	13	1.83
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	17	1.83
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	17	1.83
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	17	1.83
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	17	1.83
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	17	1.83
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	17	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	2	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	2	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	2	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	2	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	2	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	2	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	17	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	17	1.83
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	17	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	17	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	17	1.83
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	17	1.83
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	1	1.82
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	1	1.82
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	1	1.82
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	7	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	7	1.82
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	7	1.82
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	7	1.82
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	7	1.82
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	7	1.82
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	7	1.82
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	7	1.82
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	7	1.82
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	15	1.82
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	15	1.82
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	15	1.82
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	15	1.82
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	15	1.82
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	15	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	3	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	3	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	3	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	3	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	3	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	3	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	12	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	12	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	12	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	12	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	12	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	12	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	14	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	14	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	14	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	14	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	14	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	14	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	16	1.82
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	16	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	16	1.82
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	16	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	16	1.82
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	16	1.82
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	15	1.82
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	15	1.82
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	15	1.82
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	15	1.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	15	1.82
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	15	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	6	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	6	1.82
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	6	1.82
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	6	1.82
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	6	1.82
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	6	1.82
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	15	1.82
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	15	1.82
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	15	1.82
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	12	1.82
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	12	1.82
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	12	1.82
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	14	1.81
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	14	1.81
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	14	1.81
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	17	1.81
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	17	1.81
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	17	1.81
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	20	1.81
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	20	1.81
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	20	1.81
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	1	1.81
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	1	1.81
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	1	1.81
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	5	1.81
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	5	1.81
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	5	1.81
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	5	1.81
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	5	1.81
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	5	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	1	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	1	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	1	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	1	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	1	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	1	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	8	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	8	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	8	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	8	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	8	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	8	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	9	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	9	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	9	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	9	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	9	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	9	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	11	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	11	1.81
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	11	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	11	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	11	1.81
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	11	1.81
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	1	1.81
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	1	1.81
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	1	1.81
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	1	1.81
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	1	1.81
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	1	1.81
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	9	1.8
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	9	1.8
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	9	1.8
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	10	1.8
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	10	1.8
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	10	1.8
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	15	1.8
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	15	1.8
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	15	1.8
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	14	1.8
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	14	1.8
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	14	1.8
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	20	1.8
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	20	1.8
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	20	1.8
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	20	1.8
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	20	1.8
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	20	1.8
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	16	1.8
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	16	1.8
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	16	1.8
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	2	1.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	2	1.8
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	2	1.8
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	8	1.79
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	8	1.79
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	8	1.79
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	18	1.79
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	18	1.79
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	18	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	3	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	3	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	3	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	17	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	17	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	17	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	19	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	19	1.79
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	19	1.79
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	2	1.79
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	2	1.79
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	2	1.79
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	7	1.79
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	7	1.79
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	7	1.79
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	7	1.79
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	7	1.79
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	7	1.79
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	7	1.78
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	7	1.78
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	7	1.78
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	13	1.78
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	13	1.78
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	13	1.78
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	7	1.78
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	7	1.78
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	7	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	7	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	7	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	7	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	14	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	14	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	14	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	17	1.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	17	1.78
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	17	1.78
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	8	1.78
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	8	1.78
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	8	1.78
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	15	1.78
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	15	1.78
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	15	1.78
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	15	1.78
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	15	1.78
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	15	1.78
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	15	1.78
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	15	1.78
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	15	1.78
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	15	1.78
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	15	1.78
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	15	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	7	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	7	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	7	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	13	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	13	1.78
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	13	1.78
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	11	1.78
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	11	1.78
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	11	1.78
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	6	1.77
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	6	1.77
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	6	1.77
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	17	1.77
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	17	1.77
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	17	1.77
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	3	1.77
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	3	1.77
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	3	1.77
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	7	1.77
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	7	1.77
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	7	1.77
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	19	1.77
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	19	1.77
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	19	1.77
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	5	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	5	1.77
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	5	1.77
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	16	1.77
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	16	1.77
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	16	1.77
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	5	1.77
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	5	1.77
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	5	1.77
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	17	1.77
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	17	1.77
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	17	1.77
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	10	1.76
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	10	1.76
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	10	1.76
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	12	1.76
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	12	1.76
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	12	1.76
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	19	1.76
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	19	1.76
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	19	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	1	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	1	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	1	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	2	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	2	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	2	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	5	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	5	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	5	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	6	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	6	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	6	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	8	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	8	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	8	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	9	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	9	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	9	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	10	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	10	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	10	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	16	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	16	1.76
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	16	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	1	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	1	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	1	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	16	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	16	1.76
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	16	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	2	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	2	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	2	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	10	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	10	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	10	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	16	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	16	1.76
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	16	1.76
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	6	1.76
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	6	1.76
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	6	1.76
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	2	1.76
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	2	1.76
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	2	1.76
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	10	1.76
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	10	1.76
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	10	1.76
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	16	1.76
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	16	1.76
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	16	1.76
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	6	1.76
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	6	1.76
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	6	1.76
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	19	1.76
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	19	1.76
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	19	1.76
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	19	1.76
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	19	1.76
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	19	1.76
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	12	1.76
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	12	1.76
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	12	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	3	1.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	3	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	3	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	8	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	8	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	8	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	16	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	16	1.76
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	16	1.76
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	17	1.76
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	17	1.76
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	17	1.76
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	17	1.75
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	17	1.75
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	17	1.75
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	19	1.75
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	19	1.75
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	19	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	12	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	12	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	12	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	20	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	20	1.75
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	20	1.75
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG21	11	1.75
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG22	11	1.75
(1,2649)	1:136:A:GLY:H	1:132:A:VAL:HG23	11	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	3	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	3	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	3	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	11	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	11	1.75
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	11	1.75
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	7	1.75
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	7	1.75
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	7	1.75
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	3	1.75
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	3	1.75
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	3	1.75
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	11	1.75
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	11	1.75
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	11	1.75
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	7	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	7	1.75
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	7	1.75
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	19	1.75
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	19	1.75
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	19	1.75
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	17	1.75
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	17	1.75
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	17	1.75
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	3	1.74
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	3	1.74
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	3	1.74
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	8	1.74
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	8	1.74
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	8	1.74
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	18	1.74
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	18	1.74
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	18	1.74
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	2	1.74
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	2	1.74
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	2	1.74
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	6	1.74
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	6	1.74
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	6	1.74
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	11	1.74
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	11	1.74
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	11	1.74
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	6	1.74
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	6	1.74
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	6	1.74
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	20	1.74
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	20	1.74
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	20	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	3	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	3	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	3	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	11	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	11	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	11	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	13	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	13	1.74
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	13	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	2	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	2	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	2	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	12	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	12	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	12	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	13	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	13	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	13	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	20	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	20	1.74
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	20	1.74
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	15	1.74
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	15	1.74
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	15	1.74
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	15	1.74
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	15	1.74
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	15	1.74
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	15	1.74
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	15	1.74
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	15	1.74
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	6	1.74
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	6	1.74
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	6	1.74
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	13	1.74
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	13	1.74
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	13	1.74
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	13	1.74
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	13	1.74
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	13	1.74
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	1	1.74
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	1	1.74
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	1	1.74
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	1	1.74
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	1	1.74
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	1	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	8	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	8	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	8	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	10	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	10	1.74
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	10	1.74
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	18	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	18	1.74
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	18	1.74
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	18	1.74
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	18	1.74
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	18	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	2	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	2	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	2	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	6	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	6	1.74
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	6	1.74
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	9	1.74
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	9	1.74
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	9	1.74
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	4	1.73
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	4	1.73
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	4	1.73
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	3	1.73
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	3	1.73
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	3	1.73
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	5	1.73
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	5	1.73
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	5	1.73
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	19	1.73
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	19	1.73
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	19	1.73
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	10	1.73
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	10	1.73
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	10	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	3	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	3	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	3	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	5	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	5	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	5	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	19	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	19	1.73
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	19	1.73
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	11	1.73
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	11	1.73
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	11	1.73
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	4	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	4	1.73
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	4	1.73
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	20	1.73
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	20	1.73
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	20	1.73
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	11	1.73
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	11	1.73
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	11	1.73
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	19	1.73
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	19	1.73
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	19	1.73
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	12	1.73
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	12	1.73
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	12	1.73
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	16	1.72
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	16	1.72
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	16	1.72
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	19	1.72
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	19	1.72
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	19	1.72
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	3	1.72
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	3	1.72
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	3	1.72
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	14	1.72
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	14	1.72
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	14	1.72
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	16	1.72
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	16	1.72
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	16	1.72
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	1	1.72
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	1	1.72
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	1	1.72
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD21	4	1.72
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD22	4	1.72
(1,3224)	1:65:A:TRP:HE1	1:35:A:LEU:HD23	4	1.72
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG11	3	1.72
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG12	3	1.72
(1,3009)	1:101:A:LEU:HB2	1:140:A:VAL:HG13	3	1.72
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG11	3	1.72
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG12	3	1.72
(1,3009)	1:101:A:LEU:HB3	1:140:A:VAL:HG13	3	1.72
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	4	1.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	4	1.72
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	4	1.72
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	17	1.72
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	17	1.72
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	17	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	4	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	4	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	4	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	17	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	17	1.72
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	17	1.72
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	15	1.72
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	15	1.72
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	15	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	3	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	3	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	3	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	14	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	14	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	14	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	16	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	16	1.72
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	16	1.72
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	18	1.72
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	18	1.72
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	18	1.72
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	15	1.71
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	15	1.71
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	15	1.71
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	7	1.71
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	7	1.71
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	7	1.71
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	14	1.71
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	14	1.71
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	14	1.71
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	8	1.71
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	8	1.71
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	8	1.71
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	18	1.71
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	18	1.71
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	18	1.71
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	20	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	20	1.71
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	20	1.71
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	14	1.71
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	14	1.71
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	14	1.71
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	17	1.71
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	17	1.71
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	17	1.71
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	18	1.71
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	18	1.71
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	18	1.71
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	5	1.71
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	5	1.71
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	5	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	3	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	3	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	3	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	3	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	3	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	3	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	3	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	3	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	3	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	9	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	9	1.71
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	9	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	9	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	9	1.71
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	9	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	9	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	9	1.71
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	9	1.71
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	17	1.71
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	17	1.71
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	17	1.71
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	20	1.71
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	20	1.71
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	20	1.71
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	8	1.71
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	8	1.71
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	8	1.71
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	5	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	5	1.71
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	5	1.71
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	13	1.7
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	13	1.7
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	13	1.7
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	12	1.7
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	12	1.7
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	12	1.7
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	13	1.7
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	13	1.7
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	13	1.7
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	15	1.7
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	15	1.7
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	15	1.7
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	5	1.7
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	5	1.7
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	5	1.7
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	1	1.7
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	1	1.7
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	1	1.7
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	17	1.7
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	17	1.7
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	17	1.7
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	10	1.7
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	10	1.7
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	10	1.7
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	14	1.7
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	14	1.7
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	14	1.7
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	14	1.7
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	14	1.7
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	14	1.7
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	14	1.7
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	14	1.7
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	14	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	1	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	1	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	1	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	17	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	17	1.7
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	17	1.7
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	18	1.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	18	1.7
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	18	1.7
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	18	1.7
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	18	1.7
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	18	1.7
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	18	1.7
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	18	1.7
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	18	1.7
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	6	1.7
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	6	1.7
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	6	1.7
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	11	1.7
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	11	1.7
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	11	1.7
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	5	1.7
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	5	1.7
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	5	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	6	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	6	1.7
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	6	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	2	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	2	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	2	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	15	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	15	1.7
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	15	1.7
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	5	1.69
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	5	1.69
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	5	1.69
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	20	1.69
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	20	1.69
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	20	1.69
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	1	1.69
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	1	1.69
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	1	1.69
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	17	1.69
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	17	1.69
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	17	1.69
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	4	1.69
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	4	1.69
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	4	1.69
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	9	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	9	1.69
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	9	1.69
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	16	1.69
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	16	1.69
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	16	1.69
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	16	1.69
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	16	1.69
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	16	1.69
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	16	1.69
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	16	1.69
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	16	1.69
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	4	1.69
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	4	1.69
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	4	1.69
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	12	1.69
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	12	1.69
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	12	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	11	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	11	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	11	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	18	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	18	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	18	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	19	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	19	1.69
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	19	1.69
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	18	1.69
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	18	1.69
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	18	1.69
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	12	1.69
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	12	1.69
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	12	1.69
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	17	1.69
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	17	1.69
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	17	1.69
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	1	1.69
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	1	1.69
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	1	1.69
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	6	1.69
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	6	1.69
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	6	1.69
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	7	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	7	1.69
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	7	1.69
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	17	1.68
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	17	1.68
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	17	1.68
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	4	1.68
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	4	1.68
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	4	1.68
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	12	1.68
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	12	1.68
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	12	1.68
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	14	1.68
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	14	1.68
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	14	1.68
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	17	1.68
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	17	1.68
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	17	1.68
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	7	1.68
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	7	1.68
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	7	1.68
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	9	1.68
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	9	1.68
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	9	1.68
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	16	1.68
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	16	1.68
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	16	1.68
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	12	1.68
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	12	1.68
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	12	1.68
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	15	1.68
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	15	1.68
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	15	1.68
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	18	1.68
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	18	1.68
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	18	1.68
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	8	1.68
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	8	1.68
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	8	1.68
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	9	1.68
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	9	1.68
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	9	1.68
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	11	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	11	1.68
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	11	1.68
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	11	1.68
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	11	1.68
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	11	1.68
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	11	1.68
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	11	1.68
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	11	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	12	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	12	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	12	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	15	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	15	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	15	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	18	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	18	1.68
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	18	1.68
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	10	1.68
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	10	1.68
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	10	1.68
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	16	1.68
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	16	1.68
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	16	1.68
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	18	1.68
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	18	1.68
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	18	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	13	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	13	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	13	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	17	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	17	1.68
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	17	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	10	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	10	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	10	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	16	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	16	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	16	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	18	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	18	1.68
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	18	1.68
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	7	1.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	7	1.68
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	7	1.68
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	7	1.68
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	7	1.68
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	7	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	7	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	7	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	7	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	9	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	9	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	9	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	16	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	16	1.68
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	16	1.68
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	4	1.68
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	4	1.68
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	4	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	1	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	1	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	1	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	3	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	3	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	3	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	5	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	5	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	5	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	14	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	14	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	14	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	19	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	19	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	19	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	20	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	20	1.68
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	20	1.68
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	10	1.67
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	10	1.67
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	10	1.67
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	18	1.67
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	18	1.67
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	18	1.67
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	2	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	2	1.67
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	2	1.67
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	9	1.67
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	9	1.67
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	9	1.67
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	11	1.67
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	11	1.67
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	11	1.67
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	2	1.67
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	2	1.67
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	2	1.67
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	8	1.67
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	8	1.67
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	8	1.67
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	10	1.67
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	10	1.67
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	10	1.67
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	13	1.67
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	13	1.67
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	13	1.67
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	14	1.67
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	14	1.67
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	14	1.67
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	11	1.67
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	11	1.67
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	11	1.67
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	13	1.67
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	13	1.67
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	13	1.67
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	16	1.67
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	16	1.67
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	16	1.67
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	8	1.67
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	8	1.67
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	8	1.67
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	8	1.67
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	8	1.67
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	8	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	11	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	11	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	11	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	13	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	13	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	13	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	16	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	16	1.67
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	16	1.67
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	19	1.67
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	19	1.67
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	19	1.67
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	5	1.67
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	5	1.67
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	5	1.67
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	5	1.67
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	5	1.67
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	5	1.67
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	5	1.67
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	5	1.67
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	5	1.67
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	5	1.67
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	5	1.67
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	5	1.67
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	4	1.67
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	4	1.67
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	4	1.67
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	9	1.67
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	9	1.67
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	9	1.67
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	5	1.67
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	5	1.67
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	5	1.67
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	5	1.67
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	5	1.67
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	5	1.67
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	19	1.67
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	19	1.67
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	19	1.67
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	18	1.67
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	18	1.67
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	18	1.67
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	18	1.67
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	18	1.67
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	18	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	8	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	8	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	8	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	10	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	10	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	10	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	13	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	13	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	13	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	14	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	14	1.67
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	14	1.67
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	13	1.67
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	13	1.67
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	13	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	9	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	9	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	9	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	10	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	10	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	10	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	11	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	11	1.67
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	11	1.67
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	2	1.66
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	2	1.66
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	2	1.66
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	16	1.66
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	16	1.66
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	16	1.66
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	10	1.66
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	10	1.66
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	10	1.66
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	15	1.66
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	15	1.66
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	15	1.66
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	18	1.66
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	18	1.66
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	18	1.66
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	2	1.66
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	2	1.66
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	2	1.66
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	9	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	9	1.66
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	9	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	2	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	2	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	2	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	9	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	9	1.66
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	9	1.66
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	20	1.66
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	20	1.66
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	20	1.66
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	20	1.66
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	20	1.66
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	20	1.66
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	7	1.66
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	7	1.66
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	7	1.66
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	4	1.66
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	4	1.66
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	4	1.66
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	4	1.66
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	4	1.66
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	4	1.66
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	11	1.66
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	11	1.66
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	11	1.66
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	18	1.66
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	18	1.66
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	18	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	10	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	10	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	10	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	15	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	15	1.66
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	15	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	4	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	4	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	4	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	8	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	8	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	8	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	13	1.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	13	1.66
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	13	1.66
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	1	1.65
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	1	1.65
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	1	1.65
(1,4612)	1:132:A:VAL:HG11	1:130:A:LYS:H	6	1.65
(1,4612)	1:132:A:VAL:HG12	1:130:A:LYS:H	6	1.65
(1,4612)	1:132:A:VAL:HG13	1:130:A:LYS:H	6	1.65
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	20	1.65
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	20	1.65
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	20	1.65
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	11	1.65
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	11	1.65
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	11	1.65
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	12	1.65
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	12	1.65
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	12	1.65
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	10	1.65
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	10	1.65
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	10	1.65
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	20	1.65
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	20	1.65
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	20	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	10	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	10	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	10	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	20	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	20	1.65
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	20	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	5	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	5	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	5	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	14	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	14	1.65
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	14	1.65
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	15	1.65
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	15	1.65
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	15	1.65
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	15	1.65
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	15	1.65
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	15	1.65
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	3	1.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	3	1.65
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	3	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	11	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	11	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	11	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	12	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	12	1.65
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	12	1.65
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	20	1.65
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	20	1.65
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	20	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	3	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	3	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	3	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	3	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	3	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	3	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	9	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	9	1.65
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	9	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	9	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	9	1.65
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	9	1.65
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	18	1.65
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	18	1.65
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	18	1.65
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD11	16	1.65
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD12	16	1.65
(1,824)	1:38:A:ASP:H	1:35:A:LEU:HD13	16	1.65
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	1	1.64
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	1	1.64
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	1	1.64
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	10	1.64
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	10	1.64
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	10	1.64
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	18	1.64
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	18	1.64
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	18	1.64
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	5	1.64
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	5	1.64
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	5	1.64
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	19	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	19	1.64
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	19	1.64
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	15	1.64
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	15	1.64
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	15	1.64
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	7	1.64
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	7	1.64
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	7	1.64
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	8	1.64
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	8	1.64
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	8	1.64
(1,4103)	1:113:A:VAL:HG21	1:80:A:LYS:H	14	1.64
(1,4103)	1:113:A:VAL:HG22	1:80:A:LYS:H	14	1.64
(1,4103)	1:113:A:VAL:HG23	1:80:A:LYS:H	14	1.64
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	9	1.64
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	9	1.64
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	9	1.64
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	9	1.64
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	9	1.64
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	9	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	7	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	7	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	7	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	8	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	8	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	8	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG21	14	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG22	14	1.64
(1,2678)	1:80:A:LYS:H	1:113:A:VAL:HG23	14	1.64
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	9	1.64
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	9	1.64
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	9	1.64
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	9	1.64
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	9	1.64
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	9	1.64
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	17	1.64
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	17	1.64
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	17	1.64
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	13	1.64
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	13	1.64
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	13	1.64
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	17	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	17	1.64
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	17	1.64
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	13	1.64
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	13	1.64
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	13	1.64
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	19	1.64
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	19	1.64
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	19	1.64
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	19	1.64
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	19	1.64
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	19	1.64
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	8	1.64
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	8	1.64
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	8	1.64
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	15	1.64
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	15	1.64
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	15	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	13	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	13	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	13	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	13	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	13	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	13	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	14	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	14	1.64
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	14	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	14	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	14	1.64
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	14	1.64
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	7	1.64
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	7	1.64
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	7	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	10	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	10	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	10	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	18	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	18	1.64
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	18	1.64
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	16	1.64
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	16	1.64
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	16	1.64
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	11	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	11	1.63
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	11	1.63
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	3	1.63
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	3	1.63
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	3	1.63
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	3	1.63
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	3	1.63
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	3	1.63
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	14	1.63
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	14	1.63
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	14	1.63
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	16	1.63
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	16	1.63
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	16	1.63
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	1	1.63
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	1	1.63
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	1	1.63
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	8	1.63
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	8	1.63
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	8	1.63
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	8	1.63
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	8	1.63
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	8	1.63
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	9	1.63
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	9	1.63
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	9	1.63
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	9	1.63
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	9	1.63
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	9	1.63
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	7	1.63
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	7	1.63
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	7	1.63
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	1	1.63
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	1	1.63
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	1	1.63
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	20	1.63
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	20	1.63
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	20	1.63
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	20	1.63
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	20	1.63
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	20	1.63
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	1	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	1	1.63
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	1	1.63
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	15	1.63
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	15	1.63
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	15	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	3	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	3	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	3	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	14	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	14	1.63
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	14	1.63
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	3	1.62
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	3	1.62
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	3	1.62
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	20	1.62
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	20	1.62
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	20	1.62
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	2	1.62
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	2	1.62
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	2	1.62
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	4	1.62
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	4	1.62
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	4	1.62
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	8	1.62
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	8	1.62
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	8	1.62
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	17	1.62
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	17	1.62
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	17	1.62
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	20	1.62
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	20	1.62
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	20	1.62
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	8	1.62
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	8	1.62
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	8	1.62
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	2	1.62
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	2	1.62
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	2	1.62
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	2	1.62
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	2	1.62
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	2	1.62
(1,3379)	1:49:A:LEU:HD11	1:4:A:GLY:H	3	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3379)	1:49:A:LEU:HD12	1:4:A:GLY:H	3	1.62
(1,3379)	1:49:A:LEU:HD13	1:4:A:GLY:H	3	1.62
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	12	1.62
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	12	1.62
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	12	1.62
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	12	1.62
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	12	1.62
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	12	1.62
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	12	1.62
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	12	1.62
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	12	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	2	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	2	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	2	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	20	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	20	1.62
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	20	1.62
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	4	1.62
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	4	1.62
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	4	1.62
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	4	1.62
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	4	1.62
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	4	1.62
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	4	1.62
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	4	1.62
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	4	1.62
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	1	1.62
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	1	1.62
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	1	1.62
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	17	1.62
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	17	1.62
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	17	1.62
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	17	1.62
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	17	1.62
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	17	1.62
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	1	1.62
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	1	1.62
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	1	1.62
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	14	1.62
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	14	1.62
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	14	1.62
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	14	1.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	14	1.62
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	14	1.62
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	2	1.62
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	2	1.62
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	2	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	1	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	1	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	1	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	1	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	1	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	1	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	2	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	2	1.62
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	2	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	2	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	2	1.62
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	2	1.62
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	4	1.62
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	4	1.62
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	4	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	4	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	4	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	4	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	8	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	8	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	8	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	17	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	17	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	17	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	20	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	20	1.62
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	20	1.62
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	12	1.61
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	12	1.61
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	12	1.61
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	13	1.61
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	13	1.61
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	13	1.61
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	3	1.61
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	3	1.61
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	3	1.61
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	15	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	15	1.61
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	15	1.61
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	10	1.61
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	10	1.61
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	10	1.61
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	10	1.61
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	10	1.61
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	10	1.61
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	10	1.61
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	10	1.61
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	10	1.61
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	9	1.61
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	9	1.61
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	9	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	3	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	3	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	3	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	4	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	4	1.61
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	4	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	7	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	7	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	7	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	7	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	7	1.61
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	7	1.61
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	7	1.61
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD11	12	1.61
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD12	12	1.61
(1,2353)	1:40:A:PRO:HA	1:35:A:LEU:HD13	12	1.61
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	2	1.61
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	2	1.61
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	2	1.61
(1,1676)	1:35:A:LEU:HD11	1:40:A:PRO:HA	12	1.61
(1,1676)	1:35:A:LEU:HD12	1:40:A:PRO:HA	12	1.61
(1,1676)	1:35:A:LEU:HD13	1:40:A:PRO:HA	12	1.61
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	1	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	1	1.61
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	1	1.61
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	2	1.61
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	2	1.61
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	2	1.61
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	2	1.61
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	2	1.61
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	2	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	8	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	8	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	8	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	8	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	8	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	8	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	10	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	10	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	10	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	10	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	10	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	10	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	19	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	19	1.61
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	19	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	19	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	19	1.61
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	19	1.61
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	10	1.61
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	10	1.61
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	10	1.61
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	13	1.61
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	13	1.61
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	13	1.61
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	4	1.6
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	4	1.6
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	4	1.6
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	5	1.6
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	5	1.6
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	5	1.6
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	20	1.6
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	20	1.6
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	20	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	1	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	1	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	1	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	2	1.6
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	2	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	2	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	7	1.6
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	7	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	7	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	12	1.6
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	12	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	12	1.6
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	16	1.6
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	16	1.6
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	16	1.6
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	10	1.6
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	10	1.6
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	10	1.6
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	17	1.6
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	17	1.6
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	17	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	17	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	17	1.6
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	17	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	17	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	17	1.6
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	17	1.6
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	1	1.6
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	1	1.6
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	1	1.6
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	1	1.6
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	1	1.6
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	1	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	14	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	14	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	14	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	17	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	17	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	17	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	18	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	18	1.6
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	18	1.6
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	9	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	9	1.6
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	9	1.6
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	9	1.6
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	9	1.6
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	9	1.6
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	9	1.6
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	9	1.6
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	9	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	13	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	13	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	13	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	13	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	13	1.6
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	13	1.6
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	13	1.6
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	8	1.6
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	8	1.6
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	8	1.6
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	12	1.6
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	12	1.6
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	12	1.6
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	8	1.6
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	8	1.6
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	8	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	5	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	5	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	5	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	19	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	19	1.6
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	19	1.6
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	14	1.6
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	14	1.6
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	14	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	1	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	1	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	1	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	2	1.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	2	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	2	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	7	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	7	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	7	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	12	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	12	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	12	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	16	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	16	1.6
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	16	1.6
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	7	1.59
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	7	1.59
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	7	1.59
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	13	1.59
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	13	1.59
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	13	1.59
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	14	1.59
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	14	1.59
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	14	1.59
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	17	1.59
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	17	1.59
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	17	1.59
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	19	1.59
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	19	1.59
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	19	1.59
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	5	1.59
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	5	1.59
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	5	1.59
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	9	1.59
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	9	1.59
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	9	1.59
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	15	1.59
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	15	1.59
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	15	1.59
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	4	1.59
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	4	1.59
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	4	1.59
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	18	1.59
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	18	1.59
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	18	1.59
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	20	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	20	1.59
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	20	1.59
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	4	1.59
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	4	1.59
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	4	1.59
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	7	1.59
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	7	1.59
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	7	1.59
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	7	1.59
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	7	1.59
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	7	1.59
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	1	1.59
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	1	1.59
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	1	1.59
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	19	1.59
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	19	1.59
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	19	1.59
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	19	1.59
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	19	1.59
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	19	1.59
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	19	1.59
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	19	1.59
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	19	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	9	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	9	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	9	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	18	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	18	1.59
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	18	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	5	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	5	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	5	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	8	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	8	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	8	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	10	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	10	1.59
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	10	1.59
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	14	1.59
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	14	1.59
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	14	1.59
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	14	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	14	1.59
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	14	1.59
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD11	11	1.59
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD12	11	1.59
(1,1528)	1:107:A:LYS:HE2	1:104:A:LEU:HD13	11	1.59
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD11	11	1.59
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD12	11	1.59
(1,1528)	1:107:A:LYS:HE3	1:104:A:LEU:HD13	11	1.59
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	14	1.59
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	14	1.59
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	14	1.59
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	5	1.59
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	5	1.59
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	5	1.59
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	5	1.59
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	5	1.59
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	5	1.59
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	4	1.59
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	4	1.59
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	4	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	5	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	5	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	5	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	6	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	6	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	6	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	10	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	10	1.59
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	10	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	5	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	5	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	5	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	9	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	9	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	9	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	15	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	15	1.59
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	15	1.59
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	17	1.58
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	17	1.58
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	17	1.58
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	1	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	1	1.58
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	1	1.58
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	6	1.58
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	6	1.58
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	6	1.58
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	10	1.58
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	10	1.58
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	10	1.58
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	11	1.58
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	11	1.58
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	11	1.58
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	19	1.58
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	19	1.58
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	19	1.58
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	3	1.58
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	3	1.58
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	3	1.58
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	5	1.58
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	5	1.58
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	5	1.58
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	3	1.58
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	3	1.58
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	3	1.58
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	3	1.58
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	3	1.58
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	3	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	12	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	12	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	12	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	16	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	16	1.58
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	16	1.58
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	8	1.58
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	8	1.58
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	8	1.58
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	8	1.58
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	8	1.58
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	8	1.58
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	8	1.58
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	8	1.58
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	8	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	14	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	14	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	14	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	19	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	19	1.58
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	19	1.58
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	20	1.58
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	20	1.58
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	20	1.58
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	12	1.58
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	12	1.58
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	12	1.58
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	12	1.58
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	12	1.58
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	12	1.58
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	12	1.58
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	12	1.58
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	12	1.58
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	12	1.58
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	12	1.58
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	12	1.58
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	12	1.58
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	12	1.58
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	12	1.58
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	12	1.58
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	12	1.58
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	12	1.58
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	20	1.58
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	20	1.58
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	20	1.58
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	6	1.58
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	6	1.58
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	6	1.58
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	6	1.58
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	6	1.58
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	6	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	3	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	3	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	3	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	5	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	5	1.58
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	5	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	3	1.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	3	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	3	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	14	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	14	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	14	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	15	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	15	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	15	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	16	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	16	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	16	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	19	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	19	1.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	19	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	12	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	12	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	12	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	12	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	12	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	12	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	17	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	17	1.58
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	17	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	17	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	17	1.58
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	17	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	11	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	11	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	11	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	19	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	19	1.58
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	19	1.58
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	9	1.57
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	9	1.57
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	9	1.57
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	11	1.57
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	11	1.57
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	11	1.57
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	15	1.57
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	15	1.57
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	15	1.57
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	18	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	18	1.57
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	18	1.57
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	1	1.57
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	1	1.57
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	1	1.57
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	3	1.57
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	3	1.57
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	3	1.57
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD21	11	1.57
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD22	11	1.57
(1,2900)	1:84:A:LEU:HG	1:108:A:LEU:HD23	11	1.57
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	13	1.57
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	13	1.57
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	13	1.57
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	13	1.57
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	13	1.57
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	13	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	19	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	19	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	19	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	19	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	19	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	19	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	19	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	19	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	19	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	20	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	20	1.57
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	20	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	20	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	20	1.57
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	20	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	20	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	20	1.57
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	20	1.57
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	7	1.57
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	7	1.57
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	7	1.57
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	1	1.57
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	1	1.57
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	1	1.57
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	1	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	1	1.57
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	1	1.57
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	1	1.57
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	1	1.57
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	1	1.57
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	6	1.57
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	6	1.57
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	6	1.57
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	15	1.57
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	15	1.57
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	15	1.57
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	9	1.57
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	9	1.57
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	9	1.57
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	9	1.57
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	9	1.57
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	9	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	4	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	4	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	4	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	8	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	8	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	8	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	12	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	12	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	12	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	13	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	13	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	13	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	17	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	17	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	17	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	20	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	20	1.57
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	20	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	7	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	7	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	7	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	7	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	7	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	7	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	10	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	10	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	10	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	10	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	10	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	10	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	19	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	19	1.57
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	19	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	19	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	19	1.57
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	19	1.57
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD21	20	1.57
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD22	20	1.57
(1,833)	1:65:A:TRP:HH2	1:35:A:LEU:HD23	20	1.57
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	7	1.56
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	7	1.56
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	7	1.56
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	4	1.56
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	4	1.56
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	4	1.56
(1,4627)	1:132:A:VAL:HG21	1:133:A:ILE:H	6	1.56
(1,4627)	1:132:A:VAL:HG22	1:133:A:ILE:H	6	1.56
(1,4627)	1:132:A:VAL:HG23	1:133:A:ILE:H	6	1.56
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	6	1.56
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	6	1.56
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	6	1.56
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	17	1.56
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	17	1.56
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	17	1.56
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	17	1.56
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	17	1.56
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	17	1.56
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	1	1.56
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	1	1.56
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	1	1.56
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	18	1.56
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	18	1.56
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	18	1.56
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	18	1.56
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	18	1.56
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	18	1.56
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	18	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	18	1.56
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	18	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	1	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	1	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	1	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	20	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	20	1.56
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	20	1.56
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	20	1.56
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	20	1.56
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	14	1.56
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	14	1.56
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	14	1.56
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	9	1.56
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	9	1.56
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	9	1.56
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	13	1.56
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	13	1.56
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	13	1.56
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	13	1.56
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	13	1.56
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	13	1.56
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	6	1.56
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	6	1.56
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	6	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	1	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	1	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	1	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	2	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	2	1.56
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	2	1.56
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	5	1.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	5	1.56
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	5	1.56
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	5	1.56
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	5	1.56
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	5	1.56
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	13	1.56
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	13	1.56
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	13	1.56
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG21	6	1.56
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG22	6	1.56
(1,817)	1:133:A:ILE:H	1:132:A:VAL:HG23	6	1.56
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	12	1.55
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	12	1.55
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	12	1.55
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	8	1.55
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	8	1.55
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	8	1.55
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	15	1.55
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	15	1.55
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	15	1.55
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	14	1.55
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	14	1.55
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	14	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	2	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	2	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	2	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	2	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	2	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	2	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	2	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	2	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	2	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	13	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	13	1.55
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	13	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	13	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	13	1.55
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	13	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	13	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	13	1.55
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	13	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	4	1.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	4	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	4	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	10	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	10	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	10	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	13	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	13	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	13	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	19	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	19	1.55
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	19	1.55
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	7	1.55
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	7	1.55
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	7	1.55
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	20	1.55
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	20	1.55
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	20	1.55
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	13	1.55
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	13	1.55
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	13	1.55
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	4	1.55
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	4	1.55
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	4	1.55
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	4	1.55
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	4	1.55
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	4	1.55
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	7	1.55
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	7	1.55
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	7	1.55
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	19	1.54
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	19	1.54
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	19	1.54
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	6	1.54
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	6	1.54
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	6	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	3	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	3	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	3	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	3	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	3	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	3	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	6	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	6	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	6	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	6	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	6	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	6	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	9	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	9	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	9	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	9	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	9	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	9	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	18	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	18	1.54
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	18	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	18	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	18	1.54
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	18	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	11	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	11	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	11	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	11	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	11	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	11	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	11	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	11	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	11	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	20	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	20	1.54
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	20	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	20	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	20	1.54
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	20	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	20	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	20	1.54
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	20	1.54
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	2	1.54
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	2	1.54
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	2	1.54
(1,1955)	1:82:A:VAL:HG11	1:113:A:VAL:HB	3	1.54
(1,1955)	1:82:A:VAL:HG12	1:113:A:VAL:HB	3	1.54
(1,1955)	1:82:A:VAL:HG13	1:113:A:VAL:HB	3	1.54
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	4	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	4	1.54
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	4	1.54
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	4	1.54
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	4	1.54
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	4	1.54
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	4	1.54
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	4	1.54
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	4	1.54
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	4	1.54
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	4	1.54
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	4	1.54
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	4	1.54
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	4	1.54
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	4	1.54
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	4	1.54
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	4	1.54
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	4	1.54
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG11	3	1.54
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG12	3	1.54
(1,1532)	1:113:A:VAL:HB	1:82:A:VAL:HG13	3	1.54
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	6	1.54
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	6	1.54
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	6	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	5	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	5	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	5	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	10	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	10	1.54
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	10	1.54
(1,4709)	1:140:A:VAL:HG11	1:141:A:GLY:H	16	1.53
(1,4709)	1:140:A:VAL:HG12	1:141:A:GLY:H	16	1.53
(1,4709)	1:140:A:VAL:HG13	1:141:A:GLY:H	16	1.53
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	7	1.53
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	7	1.53
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	7	1.53
(1,4116)	1:113:A:VAL:HG11	1:82:A:VAL:H	19	1.53
(1,4116)	1:113:A:VAL:HG12	1:82:A:VAL:H	19	1.53
(1,4116)	1:113:A:VAL:HG13	1:82:A:VAL:H	19	1.53
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	5	1.53
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	5	1.53
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	5	1.53
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	5	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	5	1.53
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	5	1.53
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	5	1.53
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	5	1.53
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	5	1.53
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	3	1.53
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	3	1.53
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	3	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	3	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	3	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	3	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	3	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	3	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	3	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	3	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	3	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	3	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	14	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	14	1.53
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	14	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	14	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	14	1.53
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	14	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	14	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	14	1.53
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	14	1.53
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	17	1.53
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	17	1.53
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	17	1.53
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	1	1.53
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	1	1.53
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	1	1.53
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	3	1.53
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	3	1.53
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	3	1.53
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	17	1.53
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	17	1.53
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	17	1.53
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	9	1.53
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	9	1.53
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	9	1.53
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG11	19	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG12	19	1.53
(1,905)	1:82:A:VAL:H	1:113:A:VAL:HG13	19	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	8	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	8	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	8	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	8	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	8	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	8	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	16	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	16	1.53
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	16	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	16	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	16	1.53
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	16	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	2	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	2	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	2	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	9	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	9	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	9	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	20	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	20	1.53
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	20	1.53
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	7	1.53
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	7	1.53
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	7	1.53
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	5	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	5	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	5	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	5	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	5	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	5	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	10	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	10	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	10	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	10	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	10	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	10	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	11	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	11	1.52
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	11	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	11	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	11	1.52
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	11	1.52
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	4	1.52
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	4	1.52
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	4	1.52
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	4	1.52
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	4	1.52
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	4	1.52
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	14	1.52
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	14	1.52
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	14	1.52
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	14	1.52
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	14	1.52
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	14	1.52
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	5	1.52
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	5	1.52
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	5	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	17	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	17	1.52
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	17	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	17	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	17	1.52
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	17	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	17	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	17	1.52
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	17	1.52
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	12	1.52
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	12	1.52
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	12	1.52
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	10	1.52
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	10	1.52
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	10	1.52
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	11	1.52
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	11	1.52
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	11	1.52
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	19	1.52
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	19	1.52
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	19	1.52
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	2	1.52
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	2	1.52
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	2	1.52
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	2	1.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	2	1.52
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	2	1.52
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	18	1.52
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	18	1.52
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	18	1.52
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	18	1.52
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	18	1.52
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	18	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	7	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	7	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	7	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	8	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	8	1.52
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	8	1.52
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	10	1.51
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	10	1.51
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	10	1.51
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	11	1.51
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	11	1.51
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	11	1.51
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	11	1.51
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	11	1.51
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	11	1.51
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	11	1.51
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	11	1.51
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	11	1.51
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	1	1.51
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	1	1.51
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	1	1.51
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	1	1.51
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	1	1.51
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	1	1.51
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	6	1.51
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	6	1.51
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	6	1.51
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	11	1.51
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	11	1.51
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	11	1.51
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	4	1.51
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	4	1.51
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	4	1.51
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	4	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	4	1.51
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	4	1.51
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	4	1.51
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	4	1.51
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	4	1.51
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	16	1.51
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	16	1.51
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	16	1.51
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	9	1.51
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	9	1.51
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	9	1.51
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	15	1.51
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	15	1.51
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	15	1.51
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	16	1.51
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	16	1.51
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	16	1.51
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	10	1.51
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	10	1.51
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	10	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	4	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	4	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	4	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	12	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	12	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	12	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	15	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	15	1.51
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	15	1.51
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	9	1.51
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	9	1.51
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	9	1.51
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	7	1.5
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	7	1.5
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	7	1.5
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	15	1.5
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	15	1.5
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	15	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	2	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	2	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	2	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	2	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	2	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	2	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	4	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	4	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	4	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	4	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	4	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	4	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	19	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	19	1.5
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	19	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	19	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	19	1.5
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	19	1.5
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	18	1.5
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	18	1.5
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	18	1.5
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	18	1.5
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	18	1.5
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	18	1.5
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	18	1.5
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	18	1.5
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	18	1.5
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	1	1.5
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	1	1.5
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	1	1.5
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	1	1.5
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	1	1.5
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	1	1.5
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	1	1.5
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	1	1.5
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	1	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	7	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	7	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	7	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	10	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	10	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	10	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	13	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	13	1.5
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	13	1.5
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	12	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	12	1.5
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	12	1.5
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	8	1.5
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	8	1.5
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	8	1.5
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	8	1.5
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	8	1.5
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	8	1.5
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	4	1.5
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	4	1.5
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	4	1.5
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	6	1.5
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	6	1.5
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	6	1.5
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	2	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	2	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	2	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	2	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	2	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	2	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	2	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	2	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	2	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	6	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	6	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	6	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	6	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	6	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	6	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	6	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	6	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	6	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	12	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	12	1.49
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	12	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	12	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	12	1.49
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	12	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	12	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	12	1.49
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	12	1.49
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	15	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	15	1.49
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	15	1.49
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG11	3	1.49
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG12	3	1.49
(1,1577)	1:101:A:LEU:HG	1:140:A:VAL:HG13	3	1.49
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	4	1.49
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	4	1.49
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	4	1.49
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	4	1.49
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	4	1.49
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	4	1.49
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	19	1.49
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	19	1.49
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	19	1.49
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	2	1.48
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	2	1.48
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	2	1.48
(1,4411)	1:104:A:LEU:HD11	1:107:A:LYS:H	13	1.48
(1,4411)	1:104:A:LEU:HD12	1:107:A:LYS:H	13	1.48
(1,4411)	1:104:A:LEU:HD13	1:107:A:LYS:H	13	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	8	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	8	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	8	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	8	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	8	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	8	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	17	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	17	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	17	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	17	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	17	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	17	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	20	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	20	1.48
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	20	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	20	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	20	1.48
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	20	1.48
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	6	1.48
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	6	1.48
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	6	1.48
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	6	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	6	1.48
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	6	1.48
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	6	1.48
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	6	1.48
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	6	1.48
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	12	1.48
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	12	1.48
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	12	1.48
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	12	1.48
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	12	1.48
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	12	1.48
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	2	1.48
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	2	1.48
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	2	1.48
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	18	1.48
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	18	1.48
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	18	1.48
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	18	1.48
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	18	1.48
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	18	1.48
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	3	1.48
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	3	1.48
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	3	1.48
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	3	1.48
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	3	1.48
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	3	1.48
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	6	1.48
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	6	1.48
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	6	1.48
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	6	1.48
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	6	1.48
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	6	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	1	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	1	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	1	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	3	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	3	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	3	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	17	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	17	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	17	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	18	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	18	1.48
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	18	1.48
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	9	1.47
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	9	1.47
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	9	1.47
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	17	1.47
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	17	1.47
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	17	1.47
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	6	1.47
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	6	1.47
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	6	1.47
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	6	1.47
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	6	1.47
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	6	1.47
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	11	1.47
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	11	1.47
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	11	1.47
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	11	1.47
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	11	1.47
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	11	1.47
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	17	1.47
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	17	1.47
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	17	1.47
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	13	1.47
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	13	1.47
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	13	1.47
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	13	1.47
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	13	1.47
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	13	1.47
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	13	1.47
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	13	1.47
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	13	1.47
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	16	1.47
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	16	1.47
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	16	1.47
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	16	1.47
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	16	1.47
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	16	1.47
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	16	1.47
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	16	1.47
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	16	1.47
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	6	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	6	1.47
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	6	1.47
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	11	1.47
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	11	1.47
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	11	1.47
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	16	1.47
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	16	1.47
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	16	1.47
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	16	1.47
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	16	1.47
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	16	1.47
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	16	1.47
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	16	1.47
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	16	1.47
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	16	1.47
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	16	1.47
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	16	1.47
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	16	1.47
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	16	1.47
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	16	1.47
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	16	1.47
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	16	1.47
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	16	1.47
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	20	1.47
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	20	1.47
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	20	1.47
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	14	1.47
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	14	1.47
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	14	1.47
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	1	1.46
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	1	1.46
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	1	1.46
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	14	1.46
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	14	1.46
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	14	1.46
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	7	1.46
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	7	1.46
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	7	1.46
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	9	1.46
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	9	1.46
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	9	1.46
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	9	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	9	1.46
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	9	1.46
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	9	1.46
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	9	1.46
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	9	1.46
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	7	1.46
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	7	1.46
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	7	1.46
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	15	1.46
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	15	1.46
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	15	1.46
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	15	1.46
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	15	1.46
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	15	1.46
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	15	1.46
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	15	1.46
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	15	1.46
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	15	1.46
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	15	1.46
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	15	1.46
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	2	1.46
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	2	1.46
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	2	1.46
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	20	1.46
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	20	1.46
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	20	1.46
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	15	1.46
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	15	1.46
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	15	1.46
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	15	1.46
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	15	1.46
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	15	1.46
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	18	1.46
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	18	1.46
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	18	1.46
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	18	1.46
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	18	1.46
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	18	1.46
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	11	1.46
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	11	1.46
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	11	1.46
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	11	1.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	11	1.46
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	11	1.46
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	1	1.46
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	1	1.46
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	1	1.46
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	11	1.46
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	11	1.46
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	11	1.46
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	11	1.46
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	11	1.46
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	11	1.46
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	16	1.46
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	16	1.46
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	16	1.46
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	1	1.46
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	1	1.46
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	1	1.46
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	12	1.45
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	12	1.45
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	12	1.45
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	8	1.45
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	8	1.45
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	8	1.45
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	8	1.45
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	8	1.45
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	8	1.45
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	8	1.45
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	8	1.45
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	8	1.45
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	7	1.45
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	7	1.45
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	7	1.45
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	7	1.45
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	7	1.45
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	7	1.45
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	13	1.45
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	13	1.45
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	13	1.45
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	13	1.45
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	13	1.45
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	13	1.45
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	13	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	13	1.45
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	13	1.45
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	5	1.45
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	5	1.45
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	5	1.45
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	13	1.45
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	13	1.45
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	13	1.45
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	3	1.45
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	3	1.45
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	3	1.45
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	3	1.45
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	3	1.45
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	3	1.45
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	8	1.45
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	8	1.45
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	8	1.45
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	8	1.45
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	8	1.45
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	8	1.45
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	2	1.45
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	2	1.45
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	2	1.45
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	13	1.44
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	13	1.44
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	13	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	12	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	12	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	12	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	12	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	12	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	12	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	14	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	14	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	14	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	14	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	14	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	14	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	15	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	15	1.44
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	15	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	15	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	15	1.44
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	15	1.44
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	11	1.44
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	11	1.44
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	11	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	10	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	10	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	10	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	10	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	10	1.44
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	10	1.44
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	10	1.44
(1,1856)	1:29:A:LEU:HD21	1:2:A:ASN:HA	8	1.44
(1,1856)	1:29:A:LEU:HD22	1:2:A:ASN:HA	8	1.44
(1,1856)	1:29:A:LEU:HD23	1:2:A:ASN:HA	8	1.44
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	10	1.44
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	10	1.44
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	10	1.44
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	2	1.44
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	2	1.44
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	2	1.44
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	2	1.44
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	2	1.44
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	2	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	3	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	3	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	3	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	16	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	16	1.44
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	16	1.44
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	13	1.44
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	13	1.44
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	13	1.44
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	12	1.44
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	12	1.44
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	12	1.44
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	17	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	17	1.44
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	17	1.44
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	16	1.43
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	16	1.43
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	16	1.43
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	2	1.43
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	2	1.43
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	2	1.43
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	19	1.43
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	19	1.43
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	19	1.43
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	19	1.43
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	19	1.43
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	19	1.43
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	2	1.43
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	2	1.43
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	2	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	11	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	11	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	11	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	11	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	11	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	11	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	11	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	11	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	11	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	19	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	19	1.43
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	19	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	19	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	19	1.43
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	19	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	19	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	19	1.43
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	19	1.43
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	14	1.43
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	14	1.43
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	14	1.43
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	14	1.43
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	14	1.43
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	14	1.43
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	5	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	5	1.43
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	5	1.43
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	12	1.43
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	12	1.43
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	12	1.43
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	8	1.43
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	8	1.43
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	8	1.43
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	8	1.43
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	8	1.43
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	8	1.43
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	8	1.43
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	8	1.43
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	8	1.43
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	16	1.43
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	16	1.43
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	16	1.43
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	16	1.43
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	16	1.43
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	16	1.43
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	16	1.43
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	16	1.43
(1,1151)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	16	1.43
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	16	1.43
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	16	1.43
(1,1151)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	16	1.43
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	10	1.43
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	10	1.43
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	10	1.43
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD21	11	1.43
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD22	11	1.43
(1,831)	1:65:A:TRP:HE3	1:35:A:LEU:HD23	11	1.43
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	6	1.42
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	6	1.42
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	6	1.42
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	4	1.42
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	4	1.42
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	4	1.42
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	8	1.42
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	8	1.42
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	8	1.42
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	12	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	12	1.42
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	12	1.42
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	3	1.42
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	3	1.42
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	3	1.42
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	3	1.42
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	3	1.42
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	3	1.42
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	12	1.42
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	12	1.42
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	12	1.42
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	15	1.42
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	15	1.42
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	15	1.42
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	15	1.42
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	15	1.42
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	15	1.42
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	15	1.42
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	15	1.42
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	15	1.42
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	20	1.42
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	20	1.42
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	20	1.42
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	20	1.42
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	20	1.42
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	20	1.42
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	20	1.42
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	20	1.42
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	20	1.42
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	20	1.42
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	20	1.42
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	20	1.42
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	1	1.42
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	1	1.42
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	1	1.42
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	1	1.42
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	1	1.42
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	1	1.42
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	13	1.42
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	13	1.42
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	13	1.42
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	13	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	13	1.42
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	13	1.42
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	1	1.42
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	1	1.42
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	1	1.42
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	1	1.42
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	1	1.42
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	1	1.42
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	13	1.42
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	13	1.42
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	13	1.42
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	13	1.42
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	13	1.42
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	13	1.42
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	15	1.42
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	15	1.42
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	15	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	1	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	1	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	1	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	1	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	1	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	1	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	13	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	13	1.42
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	13	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	13	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	13	1.42
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	13	1.42
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	18	1.42
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	18	1.42
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	18	1.42
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	18	1.42
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	18	1.42
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	18	1.42
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	18	1.42
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	18	1.42
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	18	1.42
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	20	1.42
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	20	1.42
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	20	1.42
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	20	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	20	1.42
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	20	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	5	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	5	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	5	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	10	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	10	1.42
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	10	1.42
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	7	1.42
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	7	1.42
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	7	1.42
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	8	1.41
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	8	1.41
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	8	1.41
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG21	15	1.41
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG22	15	1.41
(1,2653)	1:84:A:LEU:H	1:82:A:VAL:HG23	15	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	14	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	14	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	14	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	14	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	14	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	14	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	14	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	14	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	14	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	17	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	17	1.41
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	17	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	17	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	17	1.41
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	17	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	17	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	17	1.41
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	17	1.41
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	7	1.41
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	7	1.41
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	7	1.41
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	7	1.41
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	7	1.41
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	7	1.41
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	7	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	7	1.41
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	7	1.41
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	19	1.41
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	19	1.41
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	19	1.41
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	2	1.41
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	2	1.41
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	2	1.41
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	2	1.41
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	2	1.41
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	2	1.41
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	2	1.41
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	2	1.41
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	2	1.41
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	2	1.41
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	2	1.41
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	2	1.41
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	1	1.41
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	1	1.41
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	1	1.41
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	8	1.41
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	8	1.41
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	8	1.41
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	13	1.41
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	13	1.41
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	13	1.41
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	18	1.41
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	18	1.41
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	18	1.41
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	17	1.41
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	17	1.41
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	17	1.41
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	17	1.41
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	17	1.41
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	17	1.41
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	2	1.41
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	2	1.41
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	2	1.41
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	2	1.41
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	2	1.41
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	2	1.41
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	18	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	18	1.41
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	18	1.41
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	18	1.41
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	18	1.41
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	18	1.41
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	18	1.41
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	18	1.41
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	18	1.41
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	7	1.41
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	7	1.41
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	7	1.41
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	7	1.41
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	7	1.41
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	7	1.41
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	15	1.41
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	15	1.41
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	15	1.41
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	1	1.4
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	1	1.4
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	1	1.4
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	5	1.4
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	5	1.4
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	5	1.4
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	20	1.4
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	20	1.4
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	20	1.4
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD21	4	1.4
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD22	4	1.4
(1,2838)	1:101:A:LEU:HD11	1:98:A:LEU:HD23	4	1.4
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD21	4	1.4
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD22	4	1.4
(1,2838)	1:101:A:LEU:HD12	1:98:A:LEU:HD23	4	1.4
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD21	4	1.4
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD22	4	1.4
(1,2838)	1:101:A:LEU:HD13	1:98:A:LEU:HD23	4	1.4
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG21	5	1.4
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG22	5	1.4
(1,2459)	1:50:A:ILE:H	1:48:A:VAL:HG23	5	1.4
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	8	1.4
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	8	1.4
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	8	1.4
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	8	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	8	1.4
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	8	1.4
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	8	1.4
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	8	1.4
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	8	1.4
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	8	1.4
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	8	1.4
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	8	1.4
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	8	1.4
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	8	1.4
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	8	1.4
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	8	1.4
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	8	1.4
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	8	1.4
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	14	1.4
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	14	1.4
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	14	1.4
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	14	1.4
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	14	1.4
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	14	1.4
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	8	1.4
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	8	1.4
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	8	1.4
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	8	1.4
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	8	1.4
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	8	1.4
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	14	1.4
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	14	1.4
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	14	1.4
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	14	1.4
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	14	1.4
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	14	1.4
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	7	1.4
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	7	1.4
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	7	1.4
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	9	1.4
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	9	1.4
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	9	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	8	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	8	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	8	1.4
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	8	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	8	1.4
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	8	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	14	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	14	1.4
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	14	1.4
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	14	1.4
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	14	1.4
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	14	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	11	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	11	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	11	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	11	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	11	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	11	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	11	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	11	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	11	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	14	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	14	1.4
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	14	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	14	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	14	1.4
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	14	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	14	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	14	1.4
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	14	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	5	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	5	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	5	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	5	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	5	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	5	1.4
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	5	1.4
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	5	1.4
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	5	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	13	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	13	1.4
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	13	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	13	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	13	1.4
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	13	1.4
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	13	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	13	1.4
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	13	1.4
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	4	1.4
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	4	1.4
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	4	1.4
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	4	1.4
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	4	1.4
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	4	1.4
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	8	1.4
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	8	1.4
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	8	1.4
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	8	1.4
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	8	1.4
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	8	1.4
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	10	1.4
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	10	1.4
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	10	1.4
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	10	1.4
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	10	1.4
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	10	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	4	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	4	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	4	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	5	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	5	1.4
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	5	1.4
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	19	1.4
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	19	1.4
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	19	1.4
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	19	1.4
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	19	1.4
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	19	1.4
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	2	1.39
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	2	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	2	1.39
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	3	1.39
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	3	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	3	1.39
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	9	1.39
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	9	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	9	1.39
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	15	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	15	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	15	1.39
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	17	1.39
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	17	1.39
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	17	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	3	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	3	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	3	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	6	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	6	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	6	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	15	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	15	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	15	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	18	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	18	1.39
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	18	1.39
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	13	1.39
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	13	1.39
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	13	1.39
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	13	1.39
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	13	1.39
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	13	1.39
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	3	1.39
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	3	1.39
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	3	1.39
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	6	1.39
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	6	1.39
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	6	1.39
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	15	1.39
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	15	1.39
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	15	1.39
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	18	1.39
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	18	1.39
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	18	1.39
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	13	1.39
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	13	1.39
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	13	1.39
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	13	1.39
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	13	1.39
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	13	1.39
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	12	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	12	1.39
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	12	1.39
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	12	1.39
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	12	1.39
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	12	1.39
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	12	1.39
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	12	1.39
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	12	1.39
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	10	1.39
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	10	1.39
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	10	1.39
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	10	1.39
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	10	1.39
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	10	1.39
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	10	1.39
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	10	1.39
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	10	1.39
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	12	1.39
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	12	1.39
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	12	1.39
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	9	1.39
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	9	1.39
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	9	1.39
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	9	1.39
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	9	1.39
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	9	1.39
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	9	1.39
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	9	1.39
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	9	1.39
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	9	1.39
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	9	1.39
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	9	1.39
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	11	1.39
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	11	1.39
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	11	1.39
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	11	1.39
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	11	1.39
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	11	1.39
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	11	1.39
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	11	1.39
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	11	1.39
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	11	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	11	1.39
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	11	1.39
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	5	1.39
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	5	1.39
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	5	1.39
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	6	1.39
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	6	1.39
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	6	1.39
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	11	1.39
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	11	1.39
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	11	1.39
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	11	1.39
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	2	1.39
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	2	1.39
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	2	1.39
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	2	1.39
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	2	1.39
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	2	1.39
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	2	1.39
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	2	1.39
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	2	1.39
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	9	1.39
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	9	1.39
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	9	1.39
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	9	1.39
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	9	1.39
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	9	1.39
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	1	1.39
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	1	1.39
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	1	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	11	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	11	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	11	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	14	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	14	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	14	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	18	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	18	1.39
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	18	1.39
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	13	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	13	1.38
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	13	1.38
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	18	1.38
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	18	1.38
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	18	1.38
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	6	1.38
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	6	1.38
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	6	1.38
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	7	1.38
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	7	1.38
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	7	1.38
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	18	1.38
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	18	1.38
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	18	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	16	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	16	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	16	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	16	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	16	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	16	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	16	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	16	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	16	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	20	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	20	1.38
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	20	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	20	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	20	1.38
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	20	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	20	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	20	1.38
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	20	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	10	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	10	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	10	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	10	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	10	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	10	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	17	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	17	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	17	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	17	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	17	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	17	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	18	1.38
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	18	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	18	1.38
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	18	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	18	1.38
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	18	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	10	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	10	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	10	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	10	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	10	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	10	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	17	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	17	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	17	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	17	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	17	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	17	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	18	1.38
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	18	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	18	1.38
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	18	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	18	1.38
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	18	1.38
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	13	1.38
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	13	1.38
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	13	1.38
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	2	1.38
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	2	1.38
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	2	1.38
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	3	1.38
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	3	1.38
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	3	1.38
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	12	1.38
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	12	1.38
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	12	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	8	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	8	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	8	1.38
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	8	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	8	1.38
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	8	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	8	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	8	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	8	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	16	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	16	1.38
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	16	1.38
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	16	1.38
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	16	1.38
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	16	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	16	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	16	1.38
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	16	1.38
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD11	14	1.38
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD12	14	1.38
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD13	14	1.38
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD11	14	1.38
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD12	14	1.38
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD13	14	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	10	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	10	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	10	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	10	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	10	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	10	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	17	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	17	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	17	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	17	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	17	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	17	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	18	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	18	1.38
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	18	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	18	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	18	1.38
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	18	1.38
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	7	1.38
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	7	1.38
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	7	1.38
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	20	1.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	20	1.38
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	20	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	3	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	3	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	3	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	8	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	8	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	8	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	9	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	9	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	9	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	13	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	13	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	13	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	16	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	16	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	16	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	19	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	19	1.38
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	19	1.38
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	5	1.37
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	5	1.37
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	5	1.37
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	10	1.37
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	10	1.37
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	10	1.37
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	19	1.37
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	19	1.37
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	19	1.37
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	8	1.37
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	8	1.37
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	8	1.37
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD21	16	1.37
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD22	16	1.37
(1,2899)	1:115:A:PHE:HE1	1:108:A:LEU:HD23	16	1.37
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD21	16	1.37
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD22	16	1.37
(1,2899)	1:115:A:PHE:HE2	1:108:A:LEU:HD23	16	1.37
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	8	1.37
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	8	1.37
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	8	1.37
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	6	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	6	1.37
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	6	1.37
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	6	1.37
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	6	1.37
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	6	1.37
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	6	1.37
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	6	1.37
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	6	1.37
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	15	1.37
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	15	1.37
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	15	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	4	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	4	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	4	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	4	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	4	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	4	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	4	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	4	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	4	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	7	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	7	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	7	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	7	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	7	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	7	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	7	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	7	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	7	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	15	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	15	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	15	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	15	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	15	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	15	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	15	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	15	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	15	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	19	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	19	1.37
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	19	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	19	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	19	1.37
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	19	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	19	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	19	1.37
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	19	1.37
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	18	1.37
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	18	1.37
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	18	1.37
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	18	1.37
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	18	1.37
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	18	1.37
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	18	1.37
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	18	1.37
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	18	1.37
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	12	1.37
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	12	1.37
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	12	1.37
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	12	1.37
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	12	1.37
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	12	1.37
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	4	1.37
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	4	1.37
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	4	1.37
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	4	1.37
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	4	1.37
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	4	1.37
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	4	1.37
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	4	1.37
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	4	1.37
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG11	6	1.37
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG12	6	1.37
(1,885)	1:69:A:TRP:H	1:68:A:VAL:HG13	6	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	3	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	3	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	3	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	12	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	12	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	12	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	16	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	16	1.37
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	16	1.37
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG21	15	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG22	15	1.37
(1,837)	1:115:A:PHE:HD1	1:82:A:VAL:HG23	15	1.37
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG21	15	1.37
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG22	15	1.37
(1,837)	1:115:A:PHE:HD2	1:82:A:VAL:HG23	15	1.37
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	18	1.37
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	18	1.37
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	18	1.37
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	18	1.37
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	18	1.37
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	18	1.37
(1,3826)	1:51:A:LEU:HD21	1:51:A:LEU:H	11	1.36
(1,3826)	1:51:A:LEU:HD22	1:51:A:LEU:H	11	1.36
(1,3826)	1:51:A:LEU:HD23	1:51:A:LEU:H	11	1.36
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	12	1.36
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	12	1.36
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	12	1.36
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	13	1.36
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	13	1.36
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	13	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	5	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	5	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	5	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	19	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	19	1.36
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	19	1.36
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	11	1.36
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	11	1.36
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	11	1.36
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	11	1.36
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	11	1.36
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	11	1.36
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	5	1.36
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	5	1.36
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	5	1.36
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	19	1.36
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	19	1.36
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	19	1.36
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	11	1.36
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	11	1.36
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	11	1.36
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	11	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	11	1.36
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	11	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	3	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	3	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	3	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	3	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	3	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	3	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	3	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	3	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	3	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	8	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	8	1.36
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	8	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	8	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	8	1.36
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	8	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	8	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	8	1.36
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	8	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	15	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	15	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	15	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	15	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	15	1.36
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	15	1.36
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	15	1.36
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	2	1.36
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	2	1.36
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	2	1.36
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	2	1.36
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	2	1.36
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	2	1.36
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	2	1.36
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	2	1.36
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	2	1.36
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	2	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	2	1.36
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	2	1.36
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	4	1.36
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	4	1.36
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	4	1.36
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	14	1.36
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	14	1.36
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	14	1.36
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	19	1.36
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	19	1.36
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	19	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	6	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	6	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	6	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	6	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	6	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	6	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	6	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	6	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	6	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	10	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	10	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	10	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	10	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	10	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	10	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	10	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	10	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	10	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	11	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	11	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	11	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	11	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	11	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	11	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	11	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	11	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	11	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	13	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	13	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	13	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	13	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	13	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	13	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	13	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	13	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	13	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	18	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	18	1.36
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	18	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	18	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	18	1.36
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	18	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	18	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	18	1.36
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	18	1.36
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	2	1.36
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	2	1.36
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	2	1.36
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	2	1.36
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	2	1.36
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	2	1.36
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	16	1.36
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	16	1.36
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	16	1.36
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	16	1.36
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	16	1.36
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	16	1.36
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	16	1.36
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	16	1.36
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	16	1.36
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	10	1.36
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	10	1.36
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	10	1.36
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	10	1.36
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	10	1.36
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	10	1.36
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	7	1.36
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	7	1.36
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	7	1.36
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	7	1.36
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	7	1.36
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	7	1.36
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	7	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	7	1.36
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	7	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	6	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	6	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	6	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	6	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	6	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	6	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	11	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	11	1.36
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	11	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	11	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	11	1.36
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	11	1.36
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	19	1.36
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	19	1.36
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	19	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	2	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	2	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	2	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	5	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	5	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	5	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	8	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	8	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	8	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	14	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	14	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	14	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	15	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	15	1.36
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	15	1.36
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	13	1.36
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	13	1.36
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	13	1.36
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	16	1.35
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	16	1.35
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	16	1.35
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	16	1.35
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	16	1.35
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	16	1.35
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	9	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	9	1.35
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	9	1.35
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	11	1.35
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	11	1.35
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	11	1.35
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	5	1.35
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	5	1.35
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	5	1.35
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	5	1.35
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	5	1.35
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	5	1.35
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	9	1.35
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	9	1.35
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	9	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	3	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	3	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	11	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	11	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	11	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	11	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	11	1.35
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	11	1.35
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	11	1.35
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	15	1.35
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	15	1.35
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	15	1.35
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	7	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	7	1.35
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	7	1.35
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	7	1.35
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	7	1.35
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	7	1.35
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	7	1.35
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	7	1.35
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	7	1.35
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	7	1.35
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	7	1.35
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	7	1.35
(1,1722)	1:32:A:LEU:HD11	1:19:A:GLU:HA	20	1.35
(1,1722)	1:32:A:LEU:HD12	1:19:A:GLU:HA	20	1.35
(1,1722)	1:32:A:LEU:HD13	1:19:A:GLU:HA	20	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	1	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	1	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	1	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	1	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	1	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	1	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	1	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	1	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	1	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	14	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	14	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	14	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	14	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	14	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	14	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	14	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	14	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	14	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	17	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	17	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	17	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	17	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	17	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	17	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	17	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	17	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	17	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	20	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	20	1.35
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	20	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	20	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	20	1.35
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	20	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	20	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	20	1.35
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	20	1.35
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	10	1.35
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	10	1.35
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	10	1.35
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	10	1.35
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	10	1.35
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	10	1.35
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	10	1.35
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	10	1.35
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	10	1.35
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	7	1.35
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	7	1.35
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	7	1.35
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	7	1.35
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	7	1.35
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	7	1.35
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	6	1.35
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	6	1.35
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	6	1.35
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	6	1.35
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	6	1.35
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	6	1.35
(1,1128)	1:19:A:GLU:HA	1:32:A:LEU:HD11	20	1.35
(1,1128)	1:19:A:GLU:HA	1:32:A:LEU:HD12	20	1.35
(1,1128)	1:19:A:GLU:HA	1:32:A:LEU:HD13	20	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	2	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	2	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	2	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	12	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	12	1.35
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	12	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	4	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	4	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	4	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	7	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	7	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	7	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	17	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	17	1.35
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	17	1.35
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	16	1.35
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	16	1.35
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	16	1.35
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	3	1.34
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	3	1.34
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	3	1.34
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	16	1.34
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	16	1.34
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	16	1.34
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	1	1.34
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	1	1.34
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	1	1.34
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	15	1.34
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	15	1.34
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	15	1.34
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	1	1.34
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	1	1.34
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	1	1.34
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	15	1.34
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	15	1.34
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	15	1.34
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	19	1.34
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	19	1.34
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	19	1.34
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	3	1.34
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	3	1.34
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	3	1.34
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	4	1.34
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	4	1.34
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	4	1.34
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	1	1.34
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	1	1.34
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	1	1.34
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	1	1.34
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	1	1.34
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	1	1.34
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	1	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	1	1.34
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	1	1.34
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	1	1.34
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	1	1.34
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	1	1.34
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	9	1.34
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	9	1.34
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	9	1.34
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	9	1.34
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	9	1.34
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	9	1.34
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	9	1.34
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	9	1.34
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	9	1.34
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	9	1.34
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	9	1.34
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	9	1.34
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	4	1.34
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	4	1.34
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	4	1.34
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	17	1.34
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	17	1.34
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	17	1.34
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	9	1.34
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	9	1.34
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	9	1.34
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	9	1.34
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	9	1.34
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	9	1.34
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	9	1.34
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	9	1.34
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	9	1.34
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	9	1.34
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	9	1.34
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	9	1.34
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	9	1.34
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	9	1.34
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	9	1.34
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	17	1.34
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	17	1.34
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	17	1.34
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	17	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	17	1.34
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	17	1.34
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	17	1.34
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	17	1.34
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	17	1.34
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	3	1.34
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	3	1.34
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	3	1.34
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	3	1.34
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	3	1.34
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	3	1.34
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	3	1.34
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	3	1.34
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	3	1.34
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	1	1.34
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	1	1.34
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	1	1.34
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	1	1.34
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	1	1.34
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	1	1.34
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	11	1.34
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	11	1.34
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	11	1.34
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	11	1.34
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	11	1.34
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	11	1.34
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	11	1.34
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	11	1.34
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	11	1.34
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG21	11	1.34
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG22	11	1.34
(1,1180)	1:39:A:SER:HA	1:68:A:VAL:HG23	11	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	1	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	1	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	1	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	6	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	6	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	6	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	9	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	9	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	9	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	10	1.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	10	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	10	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	19	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	19	1.34
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	19	1.34
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	7	1.34
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	7	1.34
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	7	1.34
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	7	1.34
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	7	1.34
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	7	1.34
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	4	1.33
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	4	1.33
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	4	1.33
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	18	1.33
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	18	1.33
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	18	1.33
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	4	1.33
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	4	1.33
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	4	1.33
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	18	1.33
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	18	1.33
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	18	1.33
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	1	1.33
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	1	1.33
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	1	1.33
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	18	1.33
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	18	1.33
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	18	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	3	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	3	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	3	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	8	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	8	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	8	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	11	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	11	1.33
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	11	1.33
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	3	1.33
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	3	1.33
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	3	1.33
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	3	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	3	1.33
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	3	1.33
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	3	1.33
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	3	1.33
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	3	1.33
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	3	1.33
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	3	1.33
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	3	1.33
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	10	1.33
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	10	1.33
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	10	1.33
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	10	1.33
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	10	1.33
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	10	1.33
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	10	1.33
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	10	1.33
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	10	1.33
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	10	1.33
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	10	1.33
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	10	1.33
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	1	1.33
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	1	1.33
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	1	1.33
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	2	1.33
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	2	1.33
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	2	1.33
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	16	1.33
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	16	1.33
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	16	1.33
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	5	1.33
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	5	1.33
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	5	1.33
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	5	1.33
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	5	1.33
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	5	1.33
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	5	1.33
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	5	1.33
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	5	1.33
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	10	1.33
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	10	1.33
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	10	1.33
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	10	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	10	1.33
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	10	1.33
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	19	1.33
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	19	1.33
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	19	1.33
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	19	1.33
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	19	1.33
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	19	1.33
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	3	1.33
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	3	1.33
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	3	1.33
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	3	1.33
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	3	1.33
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	3	1.33
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	15	1.33
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	15	1.33
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	15	1.33
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	15	1.33
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	15	1.33
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	15	1.33
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	15	1.33
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	15	1.33
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	15	1.33
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	3	1.33
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	3	1.33
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	3	1.33
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	18	1.33
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	18	1.33
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	18	1.33
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	14	1.33
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	14	1.33
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	14	1.33
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	14	1.33
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	14	1.33
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	14	1.33
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	8	1.32
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	8	1.32
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	8	1.32
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	13	1.32
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	13	1.32
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	13	1.32
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	7	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	7	1.32
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	7	1.32
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	20	1.32
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	20	1.32
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	20	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	4	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	4	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	4	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	7	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	7	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	7	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	20	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	20	1.32
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	20	1.32
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	7	1.32
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	7	1.32
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	7	1.32
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	20	1.32
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	20	1.32
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	20	1.32
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	4	1.32
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	4	1.32
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	4	1.32
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	7	1.32
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	7	1.32
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	7	1.32
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	20	1.32
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	20	1.32
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	20	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	6	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	6	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	12	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	12	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	12	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	12	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	12	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	12	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	12	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	19	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	19	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	19	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	19	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	19	1.32
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	19	1.32
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	19	1.32
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	17	1.32
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	17	1.32
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	17	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	5	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	5	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	5	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	6	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	6	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	6	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	9	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	9	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	9	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	19	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	19	1.32
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	19	1.32
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	20	1.32
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	20	1.32
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	20	1.32
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	20	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	20	1.32
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	20	1.32
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	20	1.32
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	20	1.32
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	20	1.32
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	19	1.32
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	19	1.32
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	19	1.32
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	19	1.32
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	19	1.32
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	19	1.32
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	19	1.32
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	19	1.32
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	19	1.32
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	19	1.32
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	19	1.32
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	19	1.32
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	16	1.32
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	16	1.32
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	16	1.32
(1,1698)	1:35:A:LEU:HD21	1:65:A:TRP:HA	11	1.32
(1,1698)	1:35:A:LEU:HD22	1:65:A:TRP:HA	11	1.32
(1,1698)	1:35:A:LEU:HD23	1:65:A:TRP:HA	11	1.32
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	12	1.32
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	12	1.32
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	12	1.32
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	12	1.32
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	12	1.32
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	12	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	4	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	4	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	4	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	4	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	4	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	4	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	4	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	4	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	4	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	11	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	11	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	11	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	11	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	11	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	11	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	11	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	11	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	11	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	12	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	12	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	12	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	12	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	12	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	12	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	12	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	12	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	12	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	14	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	14	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	14	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	14	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	14	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	14	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	14	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	14	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	14	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	20	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	20	1.32
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	20	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	20	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	20	1.32
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	20	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	20	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	20	1.32
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	20	1.32
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	19	1.32
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	19	1.32
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	19	1.32
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	19	1.32
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	19	1.32
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	19	1.32
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	5	1.32
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	5	1.32
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	5	1.32
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	5	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	5	1.32
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	5	1.32
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	17	1.32
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	17	1.32
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	17	1.32
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	20	1.32
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	20	1.32
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	20	1.32
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	20	1.32
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	20	1.32
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	20	1.32
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	18	1.31
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	18	1.31
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	18	1.31
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	7	1.31
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	7	1.31
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	7	1.31
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	7	1.31
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	7	1.31
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	7	1.31
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	20	1.31
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	20	1.31
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	20	1.31
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	7	1.31
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	7	1.31
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	7	1.31
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	7	1.31
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	7	1.31
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	7	1.31
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	15	1.31
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	15	1.31
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	15	1.31
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	15	1.31
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	15	1.31
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	15	1.31
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	15	1.31
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	15	1.31
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	15	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	14	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	14	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	14	1.31
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	14	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	14	1.31
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	14	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	14	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	14	1.31
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	14	1.31
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	14	1.31
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	14	1.31
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	14	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	1	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	1	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	1	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	16	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	16	1.31
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	16	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	7	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	7	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	7	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	13	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	13	1.31
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	13	1.31
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD2	13	1.31
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD3	13	1.31
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD2	13	1.31
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD3	13	1.31
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD2	13	1.31
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD3	13	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	2	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	2	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	2	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	2	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	2	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	2	1.31
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	2	1.31
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	2	1.31
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	2	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	12	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	12	1.31
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	12	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	12	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	12	1.31
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	12	1.31
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	12	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	12	1.31
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	12	1.31
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD11	9	1.31
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD12	9	1.31
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD13	9	1.31
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD11	9	1.31
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD12	9	1.31
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD13	9	1.31
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	20	1.31
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	20	1.31
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	20	1.31
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	20	1.31
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	20	1.31
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	20	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	6	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	6	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	6	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	6	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	6	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	6	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	6	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	6	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	6	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	17	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	17	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	17	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	17	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	17	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	17	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	17	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	17	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	17	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	19	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	19	1.31
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	19	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	19	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	19	1.31
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	19	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	19	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	19	1.31
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	19	1.31
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	20	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	20	1.31
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	20	1.31
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	2	1.31
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	2	1.31
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	2	1.31
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	2	1.31
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	2	1.31
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	2	1.31
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	1	1.3
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	1	1.3
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	1	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	1	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	1	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	1	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	10	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	10	1.3
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	10	1.3
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	1	1.3
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	1	1.3
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	1	1.3
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	1	1.3
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	1	1.3
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	1	1.3
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	1	1.3
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	1	1.3
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	1	1.3
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	10	1.3
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	10	1.3
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	10	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	9	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	9	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	17	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	17	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	17	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	17	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	17	1.3
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	17	1.3
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	17	1.3
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	6	1.3
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	6	1.3
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	6	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	2	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	2	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	2	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	12	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	12	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	12	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	18	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	18	1.3
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	18	1.3
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	14	1.3
(1,1904)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	14	1.3
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	14	1.3
(1,1904)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	14	1.3
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	14	1.3
(1,1904)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	14	1.3
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB2	14	1.3
(1,1902)	1:49:A:LEU:HD11	1:46:A:TYR:HB3	14	1.3
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB2	14	1.3
(1,1902)	1:49:A:LEU:HD12	1:46:A:TYR:HB3	14	1.3
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB2	14	1.3
(1,1902)	1:49:A:LEU:HD13	1:46:A:TYR:HB3	14	1.3
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	7	1.3
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	7	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	7	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	7	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	7	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	7	1.3
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	17	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	17	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	17	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	17	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	17	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	17	1.3
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	20	1.3
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	20	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	20	1.3
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	20	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	20	1.3
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	20	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	7	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	7	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	7	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	7	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	7	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	7	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	17	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	17	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	17	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	17	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	17	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	17	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	20	1.3
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	20	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	20	1.3
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	20	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	20	1.3
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	20	1.3
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	11	1.3
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	11	1.3
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	11	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	7	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	7	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	7	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	7	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	7	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	7	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	17	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	17	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	17	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	17	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	17	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	17	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	20	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	20	1.3
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	20	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	20	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	20	1.3
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	20	1.3
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	5	1.3
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	5	1.3
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	5	1.3
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	5	1.3
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	5	1.3
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	5	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	9	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	9	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	9	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	9	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	9	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	9	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	9	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	9	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	9	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	16	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	16	1.3
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	16	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	16	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	16	1.3
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	16	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	16	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	16	1.3
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	16	1.3
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD11	14	1.3
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD12	14	1.3
(1,1450)	1:46:A:TYR:HB2	1:49:A:LEU:HD13	14	1.3
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD11	14	1.3
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD12	14	1.3
(1,1450)	1:46:A:TYR:HB3	1:49:A:LEU:HD13	14	1.3
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	11	1.3
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	11	1.3
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	11	1.3
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	3	1.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	3	1.3
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	3	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	3	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	3	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	3	1.3
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	9	1.3
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	9	1.3
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	9	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	9	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	9	1.3
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	9	1.3
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	13	1.29
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	13	1.29
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	13	1.29
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	15	1.29
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	15	1.29
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	15	1.29
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	15	1.29
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	15	1.29
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	15	1.29
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	5	1.29
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	5	1.29
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	5	1.29
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	5	1.29
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	5	1.29
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	5	1.29
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	13	1.29
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	13	1.29
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	13	1.29
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	5	1.29
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	5	1.29
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	5	1.29
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	5	1.29
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	5	1.29
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	5	1.29
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG21	5	1.29
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG22	5	1.29
(1,2467)	1:83:A:ALA:HB1	1:48:A:VAL:HG23	5	1.29
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG21	5	1.29
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG22	5	1.29
(1,2467)	1:83:A:ALA:HB2	1:48:A:VAL:HG23	5	1.29
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG21	5	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG22	5	1.29
(1,2467)	1:83:A:ALA:HB3	1:48:A:VAL:HG23	5	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	16	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	16	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	16	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	16	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	16	1.29
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	16	1.29
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	16	1.29
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	4	1.29
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	4	1.29
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	4	1.29
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	6	1.29
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	6	1.29
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	6	1.29
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	6	1.29
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	6	1.29
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	6	1.29
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	6	1.29
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	6	1.29
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	6	1.29
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	6	1.29
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	6	1.29
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	6	1.29
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	14	1.29
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	14	1.29
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	14	1.29
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	15	1.29
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	15	1.29
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	15	1.29
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	6	1.29
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	6	1.29
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	6	1.29
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	6	1.29
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	6	1.29
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	6	1.29
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	15	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	15	1.29
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	15	1.29
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	15	1.29
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	15	1.29
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	15	1.29
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	15	1.29
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	15	1.29
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	15	1.29
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	9	1.29
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	9	1.29
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	9	1.29
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	9	1.29
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	9	1.29
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	9	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	1	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	1	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	1	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	1	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	1	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	1	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	13	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	13	1.29
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	13	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	13	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	13	1.29
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	13	1.29
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	10	1.29
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	10	1.29
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	10	1.29
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	10	1.29
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	10	1.29
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	10	1.29
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	9	1.28
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	9	1.28
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	9	1.28
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	12	1.28
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	12	1.28
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	12	1.28
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	14	1.28
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	14	1.28
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	14	1.28
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	5	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	5	1.28
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	5	1.28
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	12	1.28
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	12	1.28
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	12	1.28
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	2	1.28
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	2	1.28
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	2	1.28
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	2	1.28
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	2	1.28
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	2	1.28
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	10	1.28
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	10	1.28
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	10	1.28
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	10	1.28
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	10	1.28
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	10	1.28
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	3	1.28
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	3	1.28
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	3	1.28
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	3	1.28
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	3	1.28
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	3	1.28
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	14	1.28
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	14	1.28
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	14	1.28
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	14	1.28
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	14	1.28
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	14	1.28
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	10	1.28
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	10	1.28
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	10	1.28
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	10	1.28
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	10	1.28
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	10	1.28
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	12	1.28
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	12	1.28
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	12	1.28
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	10	1.28
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	10	1.28
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	10	1.28
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	10	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	10	1.28
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	10	1.28
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	19	1.28
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	19	1.28
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	19	1.28
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	9	1.28
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	9	1.28
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	9	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	14	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	14	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	14	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	17	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	17	1.28
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	17	1.28
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	14	1.28
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	14	1.28
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	14	1.28
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	11	1.28
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	11	1.28
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	11	1.28
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	11	1.28
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	11	1.28
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	11	1.28
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD21	1	1.28
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD22	1	1.28
(1,1482)	1:3:A:MET:HE1	1:29:A:LEU:HD23	1	1.28
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD21	1	1.28
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD22	1	1.28
(1,1482)	1:3:A:MET:HE2	1:29:A:LEU:HD23	1	1.28
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD21	1	1.28
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD22	1	1.28
(1,1482)	1:3:A:MET:HE3	1:29:A:LEU:HD23	1	1.28
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	14	1.28
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	14	1.28
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	14	1.28
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	14	1.28
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	14	1.28
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	14	1.28
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG21	13	1.28
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG22	13	1.28
(1,846)	1:31:A:THR:H	1:30:A:VAL:HG23	13	1.28
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	9	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	9	1.28
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	9	1.28
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	4	1.27
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	4	1.27
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	4	1.27
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	12	1.27
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	12	1.27
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	12	1.27
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	10	1.27
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	10	1.27
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	10	1.27
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	15	1.27
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	15	1.27
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	15	1.27
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	15	1.27
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	15	1.27
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	15	1.27
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	19	1.27
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	19	1.27
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	19	1.27
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	19	1.27
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	19	1.27
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	19	1.27
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	12	1.27
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	12	1.27
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	12	1.27
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	12	1.27
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	12	1.27
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	12	1.27
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	10	1.27
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	10	1.27
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	10	1.27
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	4	1.27
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	4	1.27
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	4	1.27
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	2	1.27
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	2	1.27
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	2	1.27
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	19	1.27
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	19	1.27
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	19	1.27
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	19	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	19	1.27
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	19	1.27
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	11	1.27
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	11	1.27
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	11	1.27
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	11	1.27
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	11	1.27
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	11	1.27
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	11	1.27
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	11	1.27
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	11	1.27
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	11	1.27
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	1	1.27
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	1	1.27
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	1	1.27
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	19	1.27
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	19	1.27
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	19	1.27
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	19	1.27
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	19	1.27
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	19	1.27
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	19	1.27
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	19	1.27
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	19	1.27
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	19	1.27
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	19	1.27
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	19	1.27
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	18	1.27
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	18	1.27
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	18	1.27
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	19	1.27
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	19	1.27
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	19	1.27
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	19	1.27
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	19	1.27
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	19	1.27
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	3	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	3	1.27
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	3	1.27
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	3	1.27
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	3	1.27
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	3	1.27
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	3	1.27
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	3	1.27
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	3	1.27
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	5	1.27
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	5	1.27
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	5	1.27
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	5	1.27
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	5	1.27
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	5	1.27
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	4	1.27
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	4	1.27
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	4	1.27
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	8	1.27
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	8	1.27
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	8	1.27
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	8	1.27
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	8	1.27
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	8	1.27
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	17	1.26
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	17	1.26
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	17	1.26
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	8	1.26
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	8	1.26
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	8	1.26
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	10	1.26
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	10	1.26
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	10	1.26
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	10	1.26
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	10	1.26
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	10	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	6	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	6	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	6	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	8	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	8	1.26
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	8	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	1	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	1	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	1	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	1	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	1	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	1	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	20	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	20	1.26
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	20	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	20	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	20	1.26
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	20	1.26
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	5	1.26
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	5	1.26
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	5	1.26
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	5	1.26
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	5	1.26
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	5	1.26
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	6	1.26
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	6	1.26
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	6	1.26
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	8	1.26
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	8	1.26
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	8	1.26
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	12	1.26
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	12	1.26
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	12	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	1	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	1	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	1	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	1	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	1	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	1	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	20	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	20	1.26
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	20	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	20	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	20	1.26
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	20	1.26
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	4	1.26
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	4	1.26
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	4	1.26
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	12	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	12	1.26
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	12	1.26
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	12	1.26
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	12	1.26
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	12	1.26
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	12	1.26
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	12	1.26
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	12	1.26
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	18	1.26
(1,1896)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	18	1.26
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	18	1.26
(1,1896)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	18	1.26
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	18	1.26
(1,1896)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	18	1.26
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE2	18	1.26
(1,1894)	1:77:A:LEU:HD11	1:80:A:LYS:HE3	18	1.26
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE2	18	1.26
(1,1894)	1:77:A:LEU:HD12	1:80:A:LYS:HE3	18	1.26
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE2	18	1.26
(1,1894)	1:77:A:LEU:HD13	1:80:A:LYS:HE3	18	1.26
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	8	1.26
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	8	1.26
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	8	1.26
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	18	1.26
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	18	1.26
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	18	1.26
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	19	1.26
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	19	1.26
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	19	1.26
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	2	1.26
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	2	1.26
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	2	1.26
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD11	18	1.26
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD12	18	1.26
(1,1542)	1:80:A:LYS:HE2	1:77:A:LEU:HD13	18	1.26
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD11	18	1.26
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD12	18	1.26
(1,1542)	1:80:A:LYS:HE3	1:77:A:LEU:HD13	18	1.26
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	7	1.26
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	7	1.26
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	7	1.26
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	7	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	7	1.26
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	7	1.26
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	7	1.26
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	7	1.26
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	7	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	13	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	13	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	13	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	13	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	13	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	13	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	20	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	20	1.26
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	20	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	20	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	20	1.26
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	20	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	8	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	8	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	8	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	18	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	18	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	18	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	19	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	19	1.26
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	19	1.26
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	17	1.26
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	17	1.26
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	17	1.26
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	17	1.26
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	17	1.26
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	17	1.26
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	17	1.26
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	17	1.26
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	17	1.26
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	10	1.26
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	10	1.26
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	10	1.26
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	20	1.25
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	20	1.25
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	20	1.25
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	17	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	17	1.25
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	17	1.25
(1,4153)	1:104:A:LEU:HD21	1:85:A:TYR:H	11	1.25
(1,4153)	1:104:A:LEU:HD22	1:85:A:TYR:H	11	1.25
(1,4153)	1:104:A:LEU:HD23	1:85:A:TYR:H	11	1.25
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	1	1.25
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	1	1.25
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	1	1.25
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	2	1.25
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	2	1.25
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	2	1.25
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	11	1.25
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	11	1.25
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	11	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	16	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	16	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	16	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	19	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	19	1.25
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	19	1.25
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	18	1.25
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	18	1.25
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	18	1.25
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	18	1.25
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	18	1.25
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	18	1.25
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	6	1.25
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	6	1.25
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	6	1.25
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	6	1.25
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	6	1.25
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	6	1.25
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	16	1.25
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	16	1.25
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	16	1.25
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	19	1.25
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	19	1.25
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	19	1.25
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	17	1.25
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	17	1.25
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	17	1.25
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	8	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	8	1.25
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	8	1.25
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	10	1.25
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	10	1.25
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	10	1.25
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	2	1.25
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	2	1.25
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	2	1.25
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	10	1.25
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	10	1.25
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	10	1.25
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	10	1.25
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	10	1.25
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	10	1.25
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	10	1.25
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	10	1.25
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	10	1.25
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	10	1.25
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	10	1.25
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	10	1.25
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	14	1.25
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	14	1.25
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	14	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	1	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	1	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	1	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	1	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	1	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	1	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	1	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	1	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	1	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	5	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	5	1.25
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	5	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	5	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	5	1.25
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	5	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	5	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	5	1.25
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	5	1.25
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	1	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	1	1.25
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	1	1.25
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	1	1.25
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	1	1.25
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	1	1.25
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	15	1.25
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	15	1.25
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	15	1.25
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	15	1.25
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	15	1.25
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	15	1.25
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	15	1.25
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	15	1.25
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	15	1.25
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	15	1.25
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	15	1.25
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	15	1.25
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	15	1.25
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	15	1.25
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	15	1.25
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	15	1.25
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	15	1.25
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	15	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	15	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	15	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	15	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	15	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	15	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	15	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	16	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	16	1.25
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	16	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	16	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	16	1.25
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	16	1.25
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	16	1.25
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	16	1.25
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	16	1.25
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	16	1.25
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	16	1.25
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	16	1.25
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	16	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	16	1.25
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	16	1.25
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	2	1.25
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	2	1.25
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	2	1.25
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	2	1.25
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	2	1.25
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	2	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	6	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	6	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	6	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	8	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	8	1.25
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	8	1.25
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	3	1.24
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	3	1.24
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	3	1.24
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	4	1.24
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	4	1.24
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	4	1.24
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	7	1.24
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	7	1.24
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	7	1.24
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	13	1.24
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	13	1.24
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	13	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	3	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	3	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	3	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	5	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	5	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	5	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	13	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	13	1.24
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	13	1.24
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	19	1.24
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	19	1.24
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	19	1.24
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	19	1.24
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	19	1.24
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	19	1.24
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	3	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	3	1.24
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	3	1.24
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	5	1.24
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	5	1.24
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	5	1.24
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	13	1.24
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	13	1.24
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	13	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	5	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	5	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	5	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	10	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	10	1.24
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	10	1.24
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	7	1.24
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	7	1.24
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	7	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	5	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	5	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	5	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	6	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	6	1.24
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	6	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	15	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	15	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	15	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	17	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	17	1.24
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	17	1.24
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	11	1.24
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	11	1.24
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	11	1.24
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	19	1.24
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	19	1.24
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	19	1.24
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	19	1.24
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	19	1.24
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	19	1.24
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	19	1.24
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	19	1.24
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	19	1.24
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	15	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	15	1.24
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	15	1.24
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	15	1.24
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	15	1.24
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	15	1.24
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	17	1.24
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	17	1.24
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	17	1.24
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	17	1.24
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	17	1.24
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	17	1.24
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	1	1.24
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	1	1.24
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	1	1.24
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	7	1.24
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	7	1.24
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	7	1.24
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	14	1.24
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	14	1.24
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	14	1.24
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	14	1.24
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	14	1.24
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	14	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	8	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	8	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	8	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	8	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	8	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	8	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	8	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	8	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	8	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	12	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	12	1.24
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	12	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	12	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	12	1.24
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	12	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	12	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	12	1.24
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	12	1.24
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	1	1.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	1	1.24
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	1	1.24
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	7	1.24
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	7	1.24
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	7	1.24
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	18	1.24
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	18	1.24
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	18	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	12	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	12	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	12	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	12	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	12	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	12	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	19	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	19	1.24
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	19	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	19	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	19	1.24
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	19	1.24
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	8	1.23
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	8	1.23
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	8	1.23
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	14	1.23
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	14	1.23
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	14	1.23
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	16	1.23
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	16	1.23
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	16	1.23
(1,3306)	1:104:A:LEU:HD11	1:101:A:LEU:HA	9	1.23
(1,3306)	1:104:A:LEU:HD12	1:101:A:LEU:HA	9	1.23
(1,3306)	1:104:A:LEU:HD13	1:101:A:LEU:HA	9	1.23
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	3	1.23
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	3	1.23
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	3	1.23
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	3	1.23
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	3	1.23
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	3	1.23
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	13	1.23
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	13	1.23
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	13	1.23
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	3	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	3	1.23
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	3	1.23
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	3	1.23
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	3	1.23
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	3	1.23
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	7	1.23
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	7	1.23
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	7	1.23
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	7	1.23
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	7	1.23
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	7	1.23
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	7	1.23
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	7	1.23
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	7	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	1	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	1	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	1	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	3	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	3	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	3	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	8	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	8	1.23
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	8	1.23
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	20	1.23
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	20	1.23
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	20	1.23
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	5	1.23
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	5	1.23
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	5	1.23
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	5	1.23
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	5	1.23
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	5	1.23
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	5	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	2	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	2	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	2	1.23
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	2	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	2	1.23
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	2	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	2	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	2	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	2	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	7	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	7	1.23
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	7	1.23
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	7	1.23
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	7	1.23
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	7	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	7	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	7	1.23
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	7	1.23
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	14	1.23
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	14	1.23
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	14	1.23
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	14	1.23
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	14	1.23
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	14	1.23
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	19	1.23
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	19	1.23
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	19	1.23
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	19	1.23
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	19	1.23
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	19	1.23
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	9	1.23
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	9	1.23
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	9	1.23
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	10	1.23
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	10	1.23
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	10	1.23
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	14	1.23
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	14	1.23
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	14	1.23
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	17	1.23
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	17	1.23
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	17	1.23
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	8	1.23
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	8	1.23
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	8	1.23
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	17	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	17	1.23
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	17	1.23
(1,1534)	1:111:A:LYS:HB2	1:77:A:LEU:HD11	3	1.23
(1,1534)	1:111:A:LYS:HB2	1:77:A:LEU:HD12	3	1.23
(1,1534)	1:111:A:LYS:HB2	1:77:A:LEU:HD13	3	1.23
(1,1534)	1:111:A:LYS:HB3	1:77:A:LEU:HD11	3	1.23
(1,1534)	1:111:A:LYS:HB3	1:77:A:LEU:HD12	3	1.23
(1,1534)	1:111:A:LYS:HB3	1:77:A:LEU:HD13	3	1.23
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	10	1.23
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	10	1.23
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	10	1.23
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	10	1.23
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	10	1.23
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	10	1.23
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	11	1.23
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	11	1.23
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	11	1.23
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	11	1.23
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	11	1.23
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	11	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	9	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	9	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	9	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	10	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	10	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	10	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	14	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	14	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	14	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	17	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	17	1.23
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	17	1.23
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	6	1.22
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	6	1.22
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	6	1.22
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	19	1.22
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	19	1.22
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	19	1.22
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	17	1.22
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	17	1.22
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	17	1.22
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	18	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	18	1.22
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	18	1.22
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	20	1.22
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	20	1.22
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	20	1.22
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	9	1.22
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	9	1.22
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	9	1.22
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	16	1.22
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	16	1.22
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	16	1.22
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	18	1.22
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	18	1.22
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	18	1.22
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	12	1.22
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	12	1.22
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	12	1.22
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	12	1.22
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	12	1.22
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	12	1.22
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	16	1.22
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	16	1.22
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	16	1.22
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	2	1.22
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	2	1.22
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	2	1.22
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	15	1.22
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	15	1.22
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	15	1.22
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	12	1.22
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	12	1.22
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	12	1.22
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	12	1.22
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	12	1.22
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	12	1.22
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	9	1.22
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	9	1.22
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	9	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	9	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	9	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	9	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	9	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	9	1.22
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	9	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	10	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	10	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	10	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	10	1.22
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	10	1.22
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	10	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	20	1.22
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	20	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	20	1.22
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	20	1.22
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	20	1.22
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	20	1.22
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	6	1.22
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	6	1.22
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	6	1.22
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	6	1.22
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	6	1.22
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	6	1.22
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	3	1.22
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	3	1.22
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	3	1.22
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	20	1.22
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	20	1.22
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	20	1.22
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	7	1.22
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	7	1.22
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	7	1.22
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	9	1.22
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	9	1.22
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	9	1.22
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	19	1.22
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	19	1.22
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	19	1.22
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	20	1.22
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	20	1.22
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	20	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	7	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	7	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	7	1.22
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	7	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	7	1.22
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	7	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	7	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	7	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	7	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	11	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	11	1.22
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	11	1.22
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	11	1.22
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	11	1.22
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	11	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	11	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	11	1.22
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	11	1.22
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG21	3	1.22
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG22	3	1.22
(1,1590)	1:140:A:VAL:HG21	1:133:A:ILE:HG23	3	1.22
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG21	3	1.22
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG22	3	1.22
(1,1590)	1:140:A:VAL:HG22	1:133:A:ILE:HG23	3	1.22
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG21	3	1.22
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG22	3	1.22
(1,1590)	1:140:A:VAL:HG23	1:133:A:ILE:HG23	3	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	7	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	7	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	7	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	7	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	7	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	7	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	7	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	7	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	7	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	11	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	11	1.22
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	11	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	11	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	11	1.22
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	11	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	11	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	11	1.22
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	11	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	2	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	2	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	2	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	2	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	2	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	2	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	2	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	2	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	2	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	6	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	6	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	6	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	6	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	6	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	6	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	6	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	6	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	6	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	15	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	15	1.22
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	15	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	15	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	15	1.22
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	15	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	15	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	15	1.22
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	15	1.22
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	15	1.22
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	15	1.22
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	15	1.22
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	15	1.22
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	15	1.22
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	15	1.22
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	7	1.22
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	7	1.22
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	7	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	7	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	7	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	7	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	7	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	7	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	7	1.22
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	13	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	13	1.22
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	13	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	13	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	13	1.22
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	13	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	13	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	13	1.22
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	13	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	3	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	3	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	3	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	20	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	20	1.22
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	20	1.22
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	9	1.22
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	9	1.22
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	9	1.22
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	19	1.21
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	19	1.21
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	19	1.21
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	6	1.21
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	6	1.21
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	6	1.21
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	11	1.21
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	11	1.21
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	11	1.21
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	2	1.21
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	2	1.21
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	2	1.21
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	7	1.21
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	7	1.21
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	7	1.21
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	10	1.21
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	10	1.21
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	10	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	2	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	2	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	2	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	14	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	14	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	14	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	17	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	17	1.21
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	17	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	10	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	10	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	10	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	10	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	10	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	10	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	12	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	12	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	12	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	12	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	12	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	12	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	17	1.21
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	17	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	17	1.21
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	17	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	17	1.21
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	17	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	2	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	2	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	2	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	2	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	2	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	2	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	17	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	17	1.21
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	17	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	17	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	17	1.21
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	17	1.21
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	2	1.21
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	2	1.21
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	2	1.21
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	14	1.21
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	14	1.21
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	14	1.21
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	17	1.21
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	17	1.21
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	17	1.21
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	8	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	8	1.21
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	8	1.21
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	7	1.21
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	7	1.21
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	7	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	2	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	2	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	2	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	2	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	2	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	2	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	17	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	17	1.21
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	17	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	17	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	17	1.21
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	17	1.21
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	2	1.21
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	2	1.21
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	2	1.21
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	2	1.21
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	2	1.21
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	2	1.21
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	2	1.21
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	2	1.21
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	2	1.21
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	12	1.21
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	12	1.21
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	12	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	5	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	5	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	5	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	5	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	5	1.21
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	5	1.21
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	5	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	16	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	16	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	16	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	20	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	20	1.21
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	20	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	6	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	6	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	6	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	6	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	6	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	6	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	6	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	6	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	6	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	15	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	15	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	15	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	15	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	15	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	15	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	15	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	15	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	15	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	18	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	18	1.21
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	18	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	18	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	18	1.21
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	18	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	18	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	18	1.21
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	18	1.21
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	6	1.21
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	6	1.21
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	6	1.21
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	6	1.21
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	6	1.21
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	6	1.21
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	16	1.21
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	16	1.21
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	16	1.21
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	16	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	16	1.21
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	16	1.21
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	19	1.21
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	19	1.21
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	19	1.21
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	19	1.21
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	19	1.21
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	19	1.21
(1,1863)	1:49:A:LEU:HD11	1:49:A:LEU:HA	2	1.21
(1,1863)	1:49:A:LEU:HD12	1:49:A:LEU:HA	2	1.21
(1,1863)	1:49:A:LEU:HD13	1:49:A:LEU:HA	2	1.21
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	1	1.21
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	1	1.21
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	1	1.21
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	5	1.21
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	5	1.21
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	5	1.21
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	5	1.21
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	5	1.21
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	5	1.21
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	5	1.21
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	5	1.21
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	5	1.21
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	5	1.21
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	5	1.21
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	5	1.21
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	5	1.21
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	5	1.21
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	5	1.21
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	5	1.21
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	5	1.21
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	5	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	1	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	1	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	1	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	1	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	1	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	1	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	1	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	1	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	1	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	5	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	5	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	5	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	5	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	5	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	5	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	5	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	5	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	5	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	19	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	19	1.21
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	19	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	19	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	19	1.21
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	19	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	19	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	19	1.21
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	19	1.21
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD21	16	1.21
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD22	16	1.21
(1,1515)	1:6:A:PHE:HB2	1:42:A:LEU:HD23	16	1.21
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD21	16	1.21
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD22	16	1.21
(1,1515)	1:6:A:PHE:HB3	1:42:A:LEU:HD23	16	1.21
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	19	1.21
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	19	1.21
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	19	1.21
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	19	1.21
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	19	1.21
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	19	1.21
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	19	1.21
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	19	1.21
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	19	1.21
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD11	2	1.21
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD12	2	1.21
(1,1129)	1:49:A:LEU:HA	1:49:A:LEU:HD13	2	1.21
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	10	1.21
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	10	1.21
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	10	1.21
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	10	1.21
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	10	1.21
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	10	1.21
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	2	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	2	1.21
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	2	1.21
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	7	1.21
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	7	1.21
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	7	1.21
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	2	1.2
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	2	1.2
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	2	1.2
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	17	1.2
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	17	1.2
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	17	1.2
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	6	1.2
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	6	1.2
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	6	1.2
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	16	1.2
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	16	1.2
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	16	1.2
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	19	1.2
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	19	1.2
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	19	1.2
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	1	1.2
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	1	1.2
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	1	1.2
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	6	1.2
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	6	1.2
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	6	1.2
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	17	1.2
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	17	1.2
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	17	1.2
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	13	1.2
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	13	1.2
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	13	1.2
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD21	11	1.2
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD22	11	1.2
(1,2877)	1:101:A:LEU:HA	1:104:A:LEU:HD23	11	1.2
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	15	1.2
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	15	1.2
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	15	1.2
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	9	1.2
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	9	1.2
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	9	1.2
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	9	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	9	1.2
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	9	1.2
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	6	1.2
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	6	1.2
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	6	1.2
(1,2626)	1:104:A:LEU:HD21	1:101:A:LEU:HA	11	1.2
(1,2626)	1:104:A:LEU:HD22	1:101:A:LEU:HA	11	1.2
(1,2626)	1:104:A:LEU:HD23	1:101:A:LEU:HA	11	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	5	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	5	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	5	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	6	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	6	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	6	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	9	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	9	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	9	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	14	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	14	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	14	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	16	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	16	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	16	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	19	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	19	1.2
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	19	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	13	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	13	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	13	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	14	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	14	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	14	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	15	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	15	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	15	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	16	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	16	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	16	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	18	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	18	1.2
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	18	1.2
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	1	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	1	1.2
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	1	1.2
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	1	1.2
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	1	1.2
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	1	1.2
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	1	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	11	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	11	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	11	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	11	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	11	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	11	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	11	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	11	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	11	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	17	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	17	1.2
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	17	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	17	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	17	1.2
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	17	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	17	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	17	1.2
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	17	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	3	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	3	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	3	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	3	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	3	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	3	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	7	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	7	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	7	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	7	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	7	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	7	1.2
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	11	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	11	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	11	1.2
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	11	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	11	1.2
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	11	1.2
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	6	1.2
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	6	1.2
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	6	1.2
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	18	1.2
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	18	1.2
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	18	1.2
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	18	1.2
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	18	1.2
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	18	1.2
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	14	1.2
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	14	1.2
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	14	1.2
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	14	1.2
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	14	1.2
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	14	1.2
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	14	1.2
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	14	1.2
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	14	1.2
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	12	1.2
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	12	1.2
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	12	1.2
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	12	1.2
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	12	1.2
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	12	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	7	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	7	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	7	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	7	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	7	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	7	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	8	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	8	1.2
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	8	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	8	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	8	1.2
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	8	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	1	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	1	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	1	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	6	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	6	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	6	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	17	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	17	1.2
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	17	1.2
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	1	1.2
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	1	1.2
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	1	1.2
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	10	1.19
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	10	1.19
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	10	1.19
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	9	1.19
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	9	1.19
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	9	1.19
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	15	1.19
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	15	1.19
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	15	1.19
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	18	1.19
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	18	1.19
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	18	1.19
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	15	1.19
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	15	1.19
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	15	1.19
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	15	1.19
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	15	1.19
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	15	1.19
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	17	1.19
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	17	1.19
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	17	1.19
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	6	1.19
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	6	1.19
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	6	1.19
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	9	1.19
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	9	1.19
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	9	1.19
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	18	1.19
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	18	1.19
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	18	1.19
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	18	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	18	1.19
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	18	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	3	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	3	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	3	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	7	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	7	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	7	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	18	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	18	1.19
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	18	1.19
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	5	1.19
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	5	1.19
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	5	1.19
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	19	1.19
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	19	1.19
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	19	1.19
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	19	1.19
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	19	1.19
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	19	1.19
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	19	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	6	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	6	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	6	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	6	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	6	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	6	1.19
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	6	1.19
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	6	1.19
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	6	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	18	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	18	1.19
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	18	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	18	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	18	1.19
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	18	1.19
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	18	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	18	1.19
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	18	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	6	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	6	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	6	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	6	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	6	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	6	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	6	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	6	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	6	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	18	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	18	1.19
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	18	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	18	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	18	1.19
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	18	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	18	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	18	1.19
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	18	1.19
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	13	1.19
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	13	1.19
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	13	1.19
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	13	1.19
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	13	1.19
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	13	1.19
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	3	1.19
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	3	1.19
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	3	1.19
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	3	1.19
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	3	1.19
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	3	1.19
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	20	1.19
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	20	1.19
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	20	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	15	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	15	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	15	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	18	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	18	1.19
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	18	1.19
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	7	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	7	1.19
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	7	1.19
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	17	1.18
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	17	1.18
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	17	1.18
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	19	1.18
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	19	1.18
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	19	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	3	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	3	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	3	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	9	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	9	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	9	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	19	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	19	1.18
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	19	1.18
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	16	1.18
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	16	1.18
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	16	1.18
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	16	1.18
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	16	1.18
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	16	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	4	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	4	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	4	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	4	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	4	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	4	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	18	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	18	1.18
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	18	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	18	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	18	1.18
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	18	1.18
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	10	1.18
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	10	1.18
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	10	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	10	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	10	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	10	1.18
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	15	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	15	1.18
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	15	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	15	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	15	1.18
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	15	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	10	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	10	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	10	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	12	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	12	1.18
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	12	1.18
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	18	1.18
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	18	1.18
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	18	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	4	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	4	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	4	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	4	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	4	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	4	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	18	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	18	1.18
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	18	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	18	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	18	1.18
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	18	1.18
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	8	1.18
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	8	1.18
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	8	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	2	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	2	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	2	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG11	2	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG12	2	1.18
(1,2457)	1:47:A:ASP:HB2	1:48:A:VAL:HG13	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG11	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG12	2	1.18
(1,2457)	1:47:A:ASP:HB3	1:48:A:VAL:HG13	2	1.18
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	15	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	15	1.18
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	15	1.18
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	15	1.18
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	15	1.18
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	15	1.18
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	15	1.18
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	15	1.18
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	15	1.18
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	6	1.18
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	6	1.18
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	6	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	4	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	4	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	8	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	8	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	8	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	8	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	8	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	8	1.18
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	8	1.18
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	11	1.18
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	11	1.18
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	11	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	4	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	4	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	4	1.18
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	4	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	4	1.18
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	4	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	4	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	4	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	4	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	17	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	17	1.18
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	17	1.18
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	17	1.18
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	17	1.18
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	17	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	17	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	17	1.18
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	17	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	4	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	4	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	4	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	4	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	4	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	4	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	4	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	4	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	4	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	17	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	17	1.18
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	17	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	17	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	17	1.18
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	17	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	17	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	17	1.18
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	17	1.18
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	20	1.18
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	20	1.18
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	20	1.18
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	20	1.18
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	20	1.18
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	20	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	4	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	4	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	4	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	4	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	4	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	4	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	4	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	4	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	4	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	10	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	10	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	10	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	10	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	10	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	10	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	10	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	10	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	10	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	13	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	13	1.18
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	13	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	13	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	13	1.18
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	13	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	13	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	13	1.18
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	13	1.18
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	10	1.18
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	10	1.18
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	10	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	10	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	10	1.18
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	10	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	10	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	10	1.18
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	10	1.18
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD21	14	1.18
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD22	14	1.18
(1,1116)	1:105:A:HIS:HA	1:84:A:LEU:HD23	14	1.18
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	16	1.18
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	16	1.18
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	16	1.18
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	16	1.18
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	16	1.18
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	16	1.18
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	19	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	19	1.18
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	19	1.18
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	13	1.18
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	13	1.18
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	13	1.18
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	7	1.17
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	7	1.17
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	7	1.17
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	12	1.17
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	12	1.17
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	12	1.17
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	6	1.17
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	6	1.17
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	6	1.17
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	18	1.17
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	18	1.17
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	18	1.17
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	20	1.17
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	20	1.17
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	20	1.17
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	5	1.17
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	5	1.17
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	5	1.17
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	2	1.17
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	2	1.17
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	2	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	10	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	10	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	10	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	11	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	11	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	11	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	12	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	12	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	12	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	15	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	15	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	15	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	20	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	20	1.17
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	20	1.17
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	14	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	14	1.17
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	14	1.17
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	14	1.17
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	14	1.17
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	14	1.17
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	9	1.17
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	9	1.17
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	9	1.17
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	9	1.17
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	9	1.17
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	9	1.17
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	4	1.17
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	4	1.17
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	4	1.17
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	4	1.17
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	4	1.17
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	4	1.17
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	15	1.17
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	15	1.17
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	15	1.17
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	4	1.17
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	4	1.17
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	4	1.17
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	9	1.17
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	9	1.17
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	9	1.17
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	2	1.17
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	2	1.17
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	2	1.17
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	2	1.17
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	2	1.17
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	2	1.17
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	2	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	9	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	9	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	9	1.17
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	9	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	9	1.17
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	9	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	9	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	9	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	9	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	10	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	10	1.17
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	10	1.17
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	10	1.17
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	10	1.17
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	10	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	10	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	10	1.17
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	10	1.17
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	12	1.17
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	12	1.17
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	12	1.17
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	12	1.17
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	12	1.17
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	12	1.17
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	8	1.17
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	8	1.17
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	8	1.17
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	17	1.17
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	17	1.17
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	17	1.17
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	17	1.17
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	17	1.17
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	17	1.17
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	15	1.17
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	15	1.17
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	15	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	6	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	6	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	6	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	19	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	19	1.17
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	19	1.17
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	18	1.17
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	18	1.17
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	18	1.17
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	18	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	18	1.17
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	18	1.17
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	5	1.17
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	5	1.17
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	5	1.17
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	5	1.17
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	5	1.17
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	5	1.17
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	5	1.17
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	5	1.17
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	5	1.17
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	5	1.17
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	5	1.17
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	5	1.17
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	5	1.17
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	5	1.17
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	5	1.17
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	2	1.16
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	2	1.16
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	2	1.16
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	5	1.16
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	5	1.16
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	5	1.16
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	9	1.16
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	9	1.16
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	9	1.16
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD21	14	1.16
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD22	14	1.16
(1,3221)	1:7:A:TYR:HA	1:35:A:LEU:HD23	14	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	7	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	7	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	7	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	9	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	9	1.16
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	9	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	5	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	5	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	5	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	7	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	7	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	7	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	13	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	13	1.16
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	13	1.16
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	16	1.16
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	16	1.16
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	16	1.16
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	16	1.16
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	16	1.16
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	16	1.16
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	16	1.16
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	16	1.16
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	16	1.16
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	16	1.16
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	16	1.16
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	16	1.16
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	16	1.16
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	16	1.16
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	16	1.16
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	17	1.16
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	17	1.16
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	17	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	17	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	17	1.16
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	17	1.16
(1,2633)	1:35:A:LEU:HD21	1:7:A:TYR:HA	14	1.16
(1,2633)	1:35:A:LEU:HD22	1:7:A:TYR:HA	14	1.16
(1,2633)	1:35:A:LEU:HD23	1:7:A:TYR:HA	14	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	1	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	1	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	1	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	20	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	20	1.16
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	20	1.16
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	2	1.16
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	2	1.16
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	2	1.16
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	11	1.16
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	11	1.16
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	11	1.16
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	4	1.16
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	4	1.16
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	4	1.16
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	14	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	14	1.16
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	14	1.16
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	4	1.16
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	4	1.16
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	4	1.16
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	4	1.16
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	4	1.16
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	4	1.16
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	4	1.16
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	12	1.16
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	12	1.16
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	12	1.16
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	12	1.16
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	12	1.16
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	12	1.16
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	4	1.16
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	4	1.16
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	4	1.16
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	4	1.16
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	4	1.16
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	4	1.16
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	18	1.16
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	18	1.16
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	18	1.16
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	18	1.16
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	18	1.16
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	18	1.16
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	18	1.16
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	4	1.16
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	4	1.16
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	4	1.16
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	13	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	13	1.16
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	13	1.16
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	13	1.16
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	13	1.16
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	13	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	6	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	6	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	6	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	6	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	6	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	6	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	6	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	6	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	6	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	9	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	9	1.16
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	9	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	9	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	9	1.16
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	9	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	9	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	9	1.16
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	9	1.16
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	3	1.16
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	3	1.16
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	3	1.16
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	3	1.16
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	3	1.16
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	3	1.16
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	12	1.16
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	12	1.16
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	12	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	14	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	14	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	14	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	16	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	16	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	16	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	17	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	17	1.16
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	17	1.16
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	2	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	2	1.16
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	2	1.16
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	5	1.16
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	5	1.16
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	5	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	1	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	1	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	1	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	4	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	4	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	4	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	6	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	6	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	6	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	18	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	18	1.16
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	18	1.16
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	8	1.15
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	8	1.15
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	8	1.15
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	15	1.15
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	15	1.15
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	15	1.15
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	3	1.15
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	3	1.15
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	3	1.15
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	15	1.15
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	15	1.15
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	15	1.15
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	9	1.15
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	9	1.15
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	9	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	15	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	15	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	15	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	18	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	18	1.15
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	18	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	4	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	4	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	4	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	8	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	8	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	8	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	16	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	16	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	16	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	17	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	17	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	17	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	18	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	18	1.15
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	18	1.15
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	20	1.15
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	20	1.15
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	20	1.15
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	20	1.15
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	20	1.15
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	20	1.15
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	11	1.15
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	11	1.15
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	11	1.15
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	8	1.15
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	8	1.15
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	8	1.15
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	8	1.15
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	8	1.15
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	8	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	8	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	8	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	8	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	8	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	8	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	8	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	13	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	13	1.15
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	13	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	13	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	13	1.15
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	13	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	1	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	1	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	1	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	3	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	3	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	3	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	9	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	9	1.15
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	9	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	2	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	2	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	2	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	3	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	3	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	3	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	19	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	19	1.15
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	19	1.15
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	20	1.15
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	20	1.15
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	20	1.15
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	20	1.15
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	20	1.15
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	20	1.15
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	20	1.15
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	20	1.15
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	20	1.15
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	13	1.15
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	13	1.15
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	13	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	10	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	10	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	10	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	10	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	10	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	10	1.15
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	10	1.15
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	10	1.15
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	10	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	16	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	16	1.15
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	16	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	16	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	16	1.15
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	16	1.15
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	16	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	16	1.15
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	16	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	10	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	10	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	10	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	10	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	10	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	10	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	10	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	10	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	10	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	16	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	16	1.15
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	16	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	16	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	16	1.15
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	16	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	16	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	16	1.15
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	16	1.15
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	9	1.15
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	9	1.15
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	9	1.15
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	9	1.15
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	9	1.15
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	9	1.15
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	9	1.15
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	9	1.15
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	9	1.15
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	9	1.15
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	9	1.15
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	9	1.15
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	9	1.15
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	9	1.15
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	9	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	13	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	13	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	13	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	14	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	14	1.15
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	14	1.15
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	2	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	2	1.15
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	2	1.15
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	5	1.15
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	5	1.15
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	5	1.15
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	8	1.15
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	8	1.15
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	8	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	2	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	2	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	2	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	5	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	5	1.15
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	5	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	12	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	12	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	12	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	19	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	19	1.15
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	19	1.15
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	15	1.14
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	15	1.14
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	15	1.14
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	5	1.14
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	5	1.14
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	5	1.14
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	4	1.14
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	4	1.14
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	4	1.14
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	1	1.14
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	1	1.14
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	1	1.14
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	5	1.14
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	5	1.14
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	5	1.14
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	17	1.14
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	17	1.14
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	17	1.14
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	3	1.14
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	3	1.14
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	3	1.14
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	13	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	13	1.14
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	13	1.14
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	7	1.14
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	7	1.14
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	7	1.14
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	7	1.14
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	7	1.14
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	7	1.14
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	7	1.14
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	7	1.14
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	7	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	7	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	7	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	7	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	17	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	17	1.14
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	17	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	16	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	16	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	16	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	17	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	17	1.14
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	17	1.14
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	12	1.14
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	12	1.14
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	12	1.14
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	12	1.14
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	12	1.14
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	12	1.14
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	12	1.14
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	12	1.14
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	12	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	7	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	7	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	7	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	11	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	11	1.14
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	11	1.14
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG11	18	1.14
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG12	18	1.14
(1,2449)	1:80:A:LYS:HA	1:48:A:VAL:HG13	18	1.14
(1,2411)	1:22:A:ARG:HE	1:32:A:LEU:HD11	20	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2411)	1:22:A:ARG:HE	1:32:A:LEU:HD12	20	1.14
(1,2411)	1:22:A:ARG:HE	1:32:A:LEU:HD13	20	1.14
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	17	1.14
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	17	1.14
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	17	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	12	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	12	1.14
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	12	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	12	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	12	1.14
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	12	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	12	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	12	1.14
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	12	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	12	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	12	1.14
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	12	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	12	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	12	1.14
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	12	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	12	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	12	1.14
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	12	1.14
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	19	1.14
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	19	1.14
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	19	1.14
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	19	1.14
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	19	1.14
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	19	1.14
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	20	1.14
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	20	1.14
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	20	1.14
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	20	1.14
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	20	1.14
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	20	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	1	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	1	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	1	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	16	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	16	1.14
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	16	1.14
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	18	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	18	1.14
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	18	1.14
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	20	1.14
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	20	1.14
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	20	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	8	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	8	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	8	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	9	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	9	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	9	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	14	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	14	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	14	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	16	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	16	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	16	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	17	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	17	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	17	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	20	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	20	1.14
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	20	1.14
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	5	1.14
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	5	1.14
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	5	1.14
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	2	1.13
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	2	1.13
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	2	1.13
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	8	1.13
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	8	1.13
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	8	1.13
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	11	1.13
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	11	1.13
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	11	1.13
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	4	1.13
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	4	1.13
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	4	1.13
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	1	1.13
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	1	1.13
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	1	1.13
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	13	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	13	1.13
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	13	1.13
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG11	11	1.13
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG12	11	1.13
(1,2623)	1:26:A:GLY:H	1:30:A:VAL:HG13	11	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	1	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	1	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	1	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	12	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	12	1.13
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	12	1.13
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	19	1.13
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	19	1.13
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	19	1.13
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	20	1.13
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	20	1.13
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	20	1.13
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	1	1.13
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	1	1.13
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	1	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	2	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	2	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	2	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	2	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	2	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	2	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	17	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	17	1.13
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	17	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	17	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	17	1.13
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	17	1.13
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	18	1.13
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	18	1.13
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	18	1.13
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	18	1.13
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	18	1.13
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	18	1.13
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	2	1.13
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	2	1.13
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	2	1.13
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	2	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	2	1.13
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	2	1.13
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	14	1.13
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	14	1.13
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	14	1.13
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	14	1.13
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	14	1.13
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	14	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	9	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	9	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	9	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	11	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	11	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	11	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	17	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	17	1.13
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	17	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	1	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	1	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	1	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	12	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	12	1.13
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	12	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	8	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	8	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	8	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	11	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	11	1.13
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	11	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	3	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	3	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	3	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	7	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	7	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	7	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	10	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	10	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	10	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	12	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	12	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	12	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	15	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	15	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	15	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	19	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	19	1.13
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	19	1.13
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	1	1.12
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	1	1.12
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	1	1.12
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	12	1.12
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	12	1.12
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	12	1.12
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	3	1.12
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	3	1.12
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	3	1.12
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	4	1.12
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	4	1.12
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	4	1.12
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	16	1.12
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	16	1.12
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	16	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	5	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	5	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	5	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	6	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	6	1.12
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	6	1.12
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	14	1.12
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	14	1.12
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	14	1.12
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	19	1.12
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	19	1.12
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	19	1.12
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	19	1.12
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	19	1.12
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	19	1.12
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	8	1.12
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	8	1.12
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	8	1.12
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	8	1.12
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	8	1.12
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	8	1.12
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	12	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	12	1.12
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	12	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	6	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	6	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	6	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	8	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	8	1.12
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	8	1.12
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	8	1.12
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	8	1.12
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	8	1.12
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	8	1.12
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	8	1.12
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	8	1.12
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	10	1.12
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	10	1.12
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	10	1.12
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	10	1.12
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	10	1.12
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	10	1.12
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	10	1.12
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	10	1.12
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	10	1.12
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	8	1.12
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	8	1.12
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	8	1.12
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	5	1.12
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	5	1.12
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	5	1.12
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	5	1.12
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	5	1.12
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	5	1.12
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	5	1.12
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	5	1.12
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	5	1.12
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	12	1.12
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	12	1.12
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	12	1.12
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	12	1.12
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	12	1.12
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	12	1.12
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	12	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	12	1.12
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	12	1.12
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	12	1.12
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	12	1.12
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	12	1.12
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	15	1.12
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	15	1.12
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	15	1.12
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	15	1.12
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	15	1.12
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	15	1.12
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	15	1.12
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	15	1.12
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	15	1.12
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	14	1.12
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	14	1.12
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	14	1.12
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	17	1.12
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	17	1.12
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	17	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	9	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	9	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	9	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	9	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	9	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	9	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	9	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	9	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	9	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	13	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	13	1.12
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	13	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	13	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	13	1.12
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	13	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	13	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	13	1.12
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	13	1.12
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	11	1.12
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	11	1.12
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	11	1.12
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	11	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	11	1.12
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	11	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	9	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	9	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	9	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	9	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	9	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	9	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	9	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	9	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	9	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	13	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	13	1.12
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	13	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	13	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	13	1.12
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	13	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	13	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	13	1.12
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	13	1.12
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	9	1.12
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	9	1.12
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	9	1.12
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	9	1.12
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	9	1.12
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	9	1.12
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	5	1.12
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	5	1.12
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	5	1.12
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	5	1.12
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	5	1.12
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	5	1.12
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	5	1.12
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	5	1.12
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	5	1.12
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	15	1.12
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	15	1.12
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	15	1.12
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	15	1.12
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	15	1.12
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	15	1.12
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	15	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	15	1.12
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	15	1.12
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	15	1.12
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	15	1.12
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	15	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	2	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	2	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	2	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	7	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	7	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	7	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	12	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	12	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	12	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	19	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	19	1.12
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	19	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	4	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	4	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	4	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	7	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	7	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	7	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	17	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	17	1.12
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	17	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	8	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	8	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	8	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	9	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	9	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	9	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	11	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	11	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	11	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	13	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	13	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	13	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	19	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	19	1.12
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	19	1.12
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	1	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	1	1.12
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	1	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	3	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	3	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	3	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	4	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	4	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	4	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	16	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	16	1.12
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	16	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	3	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	3	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	3	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	10	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	10	1.12
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	10	1.12
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	3	1.11
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	3	1.11
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	3	1.11
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	4	1.11
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	4	1.11
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	4	1.11
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	19	1.11
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	19	1.11
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	19	1.11
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG11	2	1.11
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG12	2	1.11
(1,2849)	1:132:A:VAL:H	1:132:A:VAL:HG13	2	1.11
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	6	1.11
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	6	1.11
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	6	1.11
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	6	1.11
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	6	1.11
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	6	1.11
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	20	1.11
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	20	1.11
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	20	1.11
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	15	1.11
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	15	1.11
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	15	1.11
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	6	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	6	1.11
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	6	1.11
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	6	1.11
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	6	1.11
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	6	1.11
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	10	1.11
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	10	1.11
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	10	1.11
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	10	1.11
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	10	1.11
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	10	1.11
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	2	1.11
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	2	1.11
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	2	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	13	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	13	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	15	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	15	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	15	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	15	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	15	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	15	1.11
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	15	1.11
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	1	1.11
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	1	1.11
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	1	1.11
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	1	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	1	1.11
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	1	1.11
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	6	1.11
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	6	1.11
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	6	1.11
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	11	1.11
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	11	1.11
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	11	1.11
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	13	1.11
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	13	1.11
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	13	1.11
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	16	1.11
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	16	1.11
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	16	1.11
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	7	1.11
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	7	1.11
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	7	1.11
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	7	1.11
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	7	1.11
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	7	1.11
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	20	1.11
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	20	1.11
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	20	1.11
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	20	1.11
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	20	1.11
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	20	1.11
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	20	1.11
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	20	1.11
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	20	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	8	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	8	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	8	1.11
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	8	1.11
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	8	1.11
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	8	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	8	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	8	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	8	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	20	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	20	1.11
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	20	1.11
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	20	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	20	1.11
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	20	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	20	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	20	1.11
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	20	1.11
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	6	1.11
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	6	1.11
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	6	1.11
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	8	1.11
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	8	1.11
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	8	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	2	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	2	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	2	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	3	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	3	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	3	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	4	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	4	1.11
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	4	1.11
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	1	1.11
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	1	1.11
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	1	1.11
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	1	1.11
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	1	1.11
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	1	1.11
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	11	1.11
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	11	1.11
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	11	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	2	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	2	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	2	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	17	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	17	1.11
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	17	1.11
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	14	1.1
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	14	1.1
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	14	1.1
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	12	1.1
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	12	1.1
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	12	1.1
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	14	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	14	1.1
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	14	1.1
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	20	1.1
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	20	1.1
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	20	1.1
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	13	1.1
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	13	1.1
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	13	1.1
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	13	1.1
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	13	1.1
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	13	1.1
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	18	1.1
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	18	1.1
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	18	1.1
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	18	1.1
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	18	1.1
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	18	1.1
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	14	1.1
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	14	1.1
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	14	1.1
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	14	1.1
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	14	1.1
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	14	1.1
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	15	1.1
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	15	1.1
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	15	1.1
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG21	19	1.1
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG22	19	1.1
(1,2460)	1:49:A:LEU:H	1:48:A:VAL:HG23	19	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	12	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	12	1.1
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	12	1.1
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	9	1.1
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	9	1.1
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	9	1.1
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	9	1.1
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	9	1.1
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	9	1.1
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	18	1.1
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	18	1.1
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	18	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	1	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	1	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	1	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	1	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	1	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	1	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	1	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	6	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	6	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	6	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	6	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	6	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	6	1.1
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	6	1.1
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	20	1.1
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	20	1.1
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	20	1.1
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	20	1.1
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	20	1.1
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	20	1.1
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	13	1.1
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	13	1.1
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	13	1.1
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	20	1.1
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	20	1.1
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	20	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	1	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	1	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	1	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	5	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	5	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	5	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	7	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	7	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	7	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	8	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	8	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	8	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	9	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	9	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	9	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	10	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	10	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	10	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	12	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	12	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	12	1.1
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	20	1.1
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	20	1.1
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	20	1.1
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	1	1.1
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	1	1.1
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	1	1.1
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	1	1.1
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	1	1.1
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	1	1.1
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	1	1.1
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	1	1.1
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	1	1.1
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	1	1.1
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	1	1.1
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	1	1.1
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	1	1.1
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	1	1.1
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	1	1.1
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	1	1.1
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	1	1.1
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	1	1.1
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD21	20	1.1
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD22	20	1.1
(1,1522)	1:53:A:ILE:HG21	1:72:A:LEU:HD23	20	1.1
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD21	20	1.1
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD22	20	1.1
(1,1522)	1:53:A:ILE:HG22	1:72:A:LEU:HD23	20	1.1
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD21	20	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD22	20	1.1
(1,1522)	1:53:A:ILE:HG23	1:72:A:LEU:HD23	20	1.1
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	16	1.1
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	16	1.1
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	16	1.1
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	16	1.1
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	16	1.1
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	16	1.1
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	17	1.1
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	17	1.1
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	17	1.1
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	17	1.1
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	17	1.1
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	17	1.1
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	17	1.1
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	17	1.1
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	17	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	3	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	3	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	3	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	5	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	5	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	5	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	10	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	10	1.1
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	10	1.1
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	14	1.1
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	14	1.1
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	14	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	7	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	7	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	7	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	10	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	10	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	10	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	15	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	15	1.1
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	15	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	3	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	3	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	3	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	3	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	3	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	3	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	9	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	9	1.1
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	9	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	9	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	9	1.1
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	9	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	12	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	12	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	12	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	14	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	14	1.1
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	14	1.1
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD11	13	1.1
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD12	13	1.1
(1,778)	1:29:A:LEU:H	1:29:A:LEU:HD13	13	1.1
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	20	1.1
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	20	1.1
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	20	1.1
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	1	1.09
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	1	1.09
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	1	1.09
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	14	1.09
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	14	1.09
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	14	1.09
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	16	1.09
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	16	1.09
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	16	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	1	1.09
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	1	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	1	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	5	1.09
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	5	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	5	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	6	1.09
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	6	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	6	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	7	1.09
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	7	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	7	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	15	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	15	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	15	1.09
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	18	1.09
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	18	1.09
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	18	1.09
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	2	1.09
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	2	1.09
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	2	1.09
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	6	1.09
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	6	1.09
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	6	1.09
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	7	1.09
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	7	1.09
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	7	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	9	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	9	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	9	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	14	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	14	1.09
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	14	1.09
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	7	1.09
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	7	1.09
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	7	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	1	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	1	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	1	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	1	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	1	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	1	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	1	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	1	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	1	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	3	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	3	1.09
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	3	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	3	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	3	1.09
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	3	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	3	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	3	1.09
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	3	1.09
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	9	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	9	1.09
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	9	1.09
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	9	1.09
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	9	1.09
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	9	1.09
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	8	1.09
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	8	1.09
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	8	1.09
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	8	1.09
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	8	1.09
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	8	1.09
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	16	1.09
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	16	1.09
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	16	1.09
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	2	1.09
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	2	1.09
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	2	1.09
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	3	1.09
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	3	1.09
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	3	1.09
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	10	1.09
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	10	1.09
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	10	1.09
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	10	1.09
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	10	1.09
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	10	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	2	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	2	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	2	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	6	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	6	1.09
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	6	1.09
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	1	1.09
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	1	1.09
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	1	1.09
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	18	1.09
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	18	1.09
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	18	1.09
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	18	1.09
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	18	1.09
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	18	1.09
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	17	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	17	1.09
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	17	1.09
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	17	1.09
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	17	1.09
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	17	1.09
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	16	1.09
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	16	1.09
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	16	1.09
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	6	1.08
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	6	1.08
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	6	1.08
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	18	1.08
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	18	1.08
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	18	1.08
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	7	1.08
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	7	1.08
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	7	1.08
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	2	1.08
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	2	1.08
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	2	1.08
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	2	1.08
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	2	1.08
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	2	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	2	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	2	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	2	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	3	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	3	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	3	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	8	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	8	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	8	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	9	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	9	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	9	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	10	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	10	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	10	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	14	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	14	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	14	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	17	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	17	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	17	1.08
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	19	1.08
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	19	1.08
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	19	1.08
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	8	1.08
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	8	1.08
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	8	1.08
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	4	1.08
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	4	1.08
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	4	1.08
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	12	1.08
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	12	1.08
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	12	1.08
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	19	1.08
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	19	1.08
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	19	1.08
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	7	1.08
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	7	1.08
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	7	1.08
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	7	1.08
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	7	1.08
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	7	1.08
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	9	1.08
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	9	1.08
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	9	1.08
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	9	1.08
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	9	1.08
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	9	1.08
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	2	1.08
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	2	1.08
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	2	1.08
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	2	1.08
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	2	1.08
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	2	1.08
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	6	1.08
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	6	1.08
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	6	1.08
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	6	1.08
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	6	1.08
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	6	1.08
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	2	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	2	1.08
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	2	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	1	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	1	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	1	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	3	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	3	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	3	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	9	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	9	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	9	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	17	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	17	1.08
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	17	1.08
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	2	1.08
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	2	1.08
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	2	1.08
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	15	1.08
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	15	1.08
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	15	1.08
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	8	1.08
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	8	1.08
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	8	1.08
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	8	1.08
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	8	1.08
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	8	1.08
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	8	1.08
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	8	1.08
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	8	1.08
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG11	13	1.08
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG12	13	1.08
(1,2451)	1:81:A:ILE:H	1:48:A:VAL:HG13	13	1.08
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	2	1.08
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	2	1.08
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	2	1.08
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	2	1.08
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	2	1.08
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	2	1.08
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	5	1.08
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	5	1.08
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	5	1.08
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	5	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	5	1.08
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	5	1.08
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	2	1.08
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	2	1.08
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	2	1.08
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	5	1.08
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	5	1.08
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	5	1.08
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	3	1.08
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	3	1.08
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	3	1.08
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	10	1.08
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	10	1.08
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	10	1.08
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	15	1.08
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	15	1.08
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	15	1.08
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	20	1.08
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	20	1.08
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	20	1.08
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	20	1.08
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	20	1.08
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	20	1.08
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	20	1.08
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	20	1.08
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	20	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	3	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	3	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	3	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	3	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	3	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	3	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	4	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	4	1.08
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	4	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	4	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	4	1.08
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	4	1.08
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	20	1.08
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	20	1.08
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	20	1.08
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	20	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	20	1.08
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	20	1.08
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	20	1.08
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	20	1.08
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	20	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	12	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	12	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	12	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	12	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	12	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	12	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	18	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	18	1.08
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	18	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	18	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	18	1.08
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	18	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	4	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	4	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	4	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	8	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	8	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	8	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG11	18	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG12	18	1.08
(1,1160)	1:164:A:ILE:HA	1:116:A:VAL:HG13	18	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	4	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	4	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	4	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	12	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	12	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	12	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	19	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	19	1.08
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	19	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	10	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	10	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	10	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	20	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	20	1.08
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	20	1.08
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	6	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	6	1.08
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	6	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	6	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	6	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	6	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	18	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	18	1.08
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	18	1.08
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	11	1.07
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	11	1.07
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	11	1.07
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	9	1.07
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	9	1.07
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	9	1.07
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	20	1.07
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	20	1.07
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	20	1.07
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	7	1.07
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	7	1.07
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	7	1.07
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	18	1.07
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	18	1.07
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	18	1.07
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	13	1.07
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	13	1.07
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	13	1.07
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	17	1.07
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	17	1.07
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	17	1.07
(1,3786)	1:48:A:VAL:HG11	1:47:A:ASP:H	5	1.07
(1,3786)	1:48:A:VAL:HG12	1:47:A:ASP:H	5	1.07
(1,3786)	1:48:A:VAL:HG13	1:47:A:ASP:H	5	1.07
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	12	1.07
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	12	1.07
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	12	1.07
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	14	1.07
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	14	1.07
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	14	1.07
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	12	1.07
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	12	1.07
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	12	1.07
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	16	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	16	1.07
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	16	1.07
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	16	1.07
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	16	1.07
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	16	1.07
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	5	1.07
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	5	1.07
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	5	1.07
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	8	1.07
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	8	1.07
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	8	1.07
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	9	1.07
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	9	1.07
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	9	1.07
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	11	1.07
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	11	1.07
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	11	1.07
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	17	1.07
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	17	1.07
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	17	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	5	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	5	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	5	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	12	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	12	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	12	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	18	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	18	1.07
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	18	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	13	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	13	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	13	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	17	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	17	1.07
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	17	1.07
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	18	1.07
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	18	1.07
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	18	1.07
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	19	1.07
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	19	1.07
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	19	1.07
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	19	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	19	1.07
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	19	1.07
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	19	1.07
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	19	1.07
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	19	1.07
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	8	1.07
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	8	1.07
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	8	1.07
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	8	1.07
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	8	1.07
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	8	1.07
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	8	1.07
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	18	1.07
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	18	1.07
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	18	1.07
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	18	1.07
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	18	1.07
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	18	1.07
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	4	1.07
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	4	1.07
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	4	1.07
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	6	1.07
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	6	1.07
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	6	1.07
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	12	1.07
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	12	1.07
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	12	1.07
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	19	1.07
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	19	1.07
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	19	1.07
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	9	1.07
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	9	1.07
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	9	1.07
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	4	1.07
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	4	1.07
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	4	1.07
(1,1785)	1:72:A:LEU:HD11	1:72:A:LEU:HA	19	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1785)	1:72:A:LEU:HD12	1:72:A:LEU:HA	19	1.07
(1,1785)	1:72:A:LEU:HD13	1:72:A:LEU:HA	19	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	8	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	8	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	8	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	8	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	8	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	8	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	8	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	8	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	8	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	19	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	19	1.07
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	19	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	19	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	19	1.07
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	19	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	19	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	19	1.07
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	19	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	8	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	8	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	8	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	8	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	8	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	8	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	8	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	8	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	8	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	19	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	19	1.07
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	19	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	19	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	19	1.07
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	19	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	19	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	19	1.07
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	19	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	5	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	5	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	5	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	8	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	8	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	8	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	9	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	9	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	9	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	11	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	11	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	11	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	17	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	17	1.07
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	17	1.07
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	15	1.07
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	15	1.07
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	15	1.07
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	6	1.07
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	6	1.07
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	6	1.07
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	6	1.07
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	6	1.07
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	6	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	12	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	12	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	12	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	14	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	14	1.07
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	14	1.07
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	7	1.06
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	7	1.06
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	7	1.06
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	13	1.06
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	13	1.06
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	13	1.06
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	19	1.06
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	19	1.06
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	19	1.06
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	11	1.06
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	11	1.06
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	11	1.06
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	13	1.06
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	13	1.06
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	13	1.06
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	3	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	3	1.06
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	3	1.06
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	12	1.06
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	12	1.06
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	12	1.06
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	3	1.06
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	3	1.06
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	3	1.06
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	13	1.06
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	13	1.06
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	13	1.06
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	4	1.06
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	4	1.06
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	4	1.06
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	16	1.06
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	16	1.06
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	16	1.06
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	16	1.06
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	16	1.06
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	16	1.06
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	17	1.06
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	17	1.06
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	17	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	14	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	14	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	14	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	20	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	20	1.06
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	20	1.06
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	9	1.06
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	9	1.06
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	9	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	9	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	9	1.06
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	9	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	9	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	9	1.06
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	9	1.06
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	16	1.06
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	16	1.06
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	16	1.06
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	16	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	16	1.06
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	16	1.06
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	8	1.06
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	8	1.06
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	8	1.06
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	17	1.06
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	17	1.06
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	17	1.06
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	20	1.06
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	20	1.06
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	20	1.06
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	7	1.06
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	7	1.06
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	7	1.06
(1,1749)	1:77:A:LEU:HD11	1:44:A:GLU:HA	10	1.06
(1,1749)	1:77:A:LEU:HD12	1:44:A:GLU:HA	10	1.06
(1,1749)	1:77:A:LEU:HD13	1:44:A:GLU:HA	10	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	2	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	2	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	2	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	2	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	2	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	2	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	2	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	2	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	2	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	5	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	5	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	5	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	5	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	5	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	5	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	5	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	5	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	5	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	11	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	11	1.06
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	11	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	11	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	11	1.06
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	11	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	11	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	11	1.06
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	11	1.06
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	4	1.06
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	4	1.06
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	4	1.06
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	4	1.06
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	4	1.06
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	4	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	3	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	3	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	3	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	13	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	13	1.06
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	13	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	9	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	9	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	9	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	16	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	16	1.06
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	16	1.06
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	7	1.06
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	7	1.06
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	7	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	14	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	14	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	14	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	14	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	14	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	14	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	20	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	20	1.06
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	20	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	20	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	20	1.06
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	20	1.06
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	11	1.06
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	11	1.06
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	11	1.06
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	13	1.05
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	13	1.05
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	13	1.05
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	5	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	5	1.05
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	5	1.05
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	7	1.05
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	7	1.05
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	7	1.05
(1,3636)	1:30:A:VAL:HG11	1:30:A:VAL:H	11	1.05
(1,3636)	1:30:A:VAL:HG12	1:30:A:VAL:H	11	1.05
(1,3636)	1:30:A:VAL:HG13	1:30:A:VAL:H	11	1.05
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	4	1.05
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	4	1.05
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	4	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	1	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	1	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	1	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	17	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	17	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	17	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	20	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	20	1.05
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	20	1.05
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	7	1.05
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	7	1.05
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	7	1.05
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	9	1.05
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	9	1.05
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	9	1.05
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	5	1.05
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	5	1.05
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	5	1.05
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	1	1.05
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	1	1.05
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	1	1.05
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	1	1.05
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	1	1.05
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	1	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	17	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	17	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	17	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	17	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	17	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	17	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	17	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	18	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	18	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	18	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	18	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	18	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	18	1.05
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	18	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	7	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	7	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	7	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	10	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	10	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	10	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	13	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	13	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	13	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	14	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	14	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	14	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	16	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	16	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	16	1.05
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	18	1.05
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	18	1.05
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	18	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	2	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	2	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	2	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	2	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	2	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	2	1.05
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	2	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	2	1.05
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	2	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	14	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	14	1.05
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	14	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	14	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	14	1.05
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	14	1.05
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	14	1.05
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	14	1.05
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	14	1.05
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	6	1.05
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	6	1.05
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	6	1.05
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	6	1.05
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	6	1.05
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	6	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	2	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	2	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	2	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	2	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	2	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	2	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	2	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	2	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	2	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	14	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	14	1.05
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	14	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	14	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	14	1.05
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	14	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	14	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	14	1.05
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	14	1.05
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	15	1.05
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	15	1.05
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	15	1.05
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	15	1.05
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	15	1.05
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	15	1.05
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	15	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	15	1.05
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	15	1.05
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	4	1.05
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	4	1.05
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	4	1.05
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	4	1.05
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	4	1.05
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	4	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	2	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	2	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	2	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	12	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	12	1.05
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	12	1.05
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	4	1.04
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	4	1.04
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	4	1.04
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	3	1.04
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	3	1.04
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	3	1.04
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	8	1.04
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	8	1.04
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	8	1.04
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	15	1.04
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	15	1.04
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	15	1.04
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	3	1.04
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	3	1.04
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	3	1.04
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	11	1.04
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	11	1.04
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	11	1.04
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	3	1.04
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	3	1.04
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	3	1.04
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	3	1.04
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	3	1.04
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	3	1.04
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	20	1.04
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	20	1.04
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	20	1.04
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG2	1	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2777)	1:91:A:LEU:HD11	1:90:A:GLN:HG3	1	1.04
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG2	1	1.04
(1,2777)	1:91:A:LEU:HD12	1:90:A:GLN:HG3	1	1.04
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG2	1	1.04
(1,2777)	1:91:A:LEU:HD13	1:90:A:GLN:HG3	1	1.04
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	15	1.04
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	15	1.04
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	15	1.04
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	15	1.04
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	15	1.04
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	15	1.04
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	14	1.04
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	14	1.04
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	14	1.04
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	3	1.04
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	3	1.04
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	3	1.04
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG11	16	1.04
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG12	16	1.04
(1,2586)	1:65:A:TRP:HA	1:68:A:VAL:HG13	16	1.04
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	19	1.04
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	19	1.04
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	19	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	2	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	2	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	2	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	3	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	3	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	3	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	6	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	6	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	6	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	7	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	7	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	7	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	12	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	12	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	12	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	16	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	16	1.04
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	16	1.04
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	4	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	4	1.04
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	4	1.04
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	8	1.04
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	8	1.04
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	8	1.04
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	8	1.04
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	8	1.04
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	8	1.04
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	18	1.04
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	18	1.04
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	18	1.04
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	18	1.04
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	18	1.04
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	18	1.04
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	5	1.04
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	5	1.04
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	5	1.04
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	5	1.04
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	5	1.04
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	5	1.04
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	9	1.04
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	9	1.04
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	9	1.04
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	18	1.04
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	18	1.04
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	18	1.04
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	5	1.04
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	5	1.04
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	5	1.04
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	10	1.04
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	10	1.04
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	10	1.04
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	10	1.04
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	10	1.04
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	10	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	13	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	13	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	13	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	13	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	13	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	13	1.04
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	13	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	13	1.04
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	13	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	16	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	16	1.04
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	16	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	16	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	16	1.04
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	16	1.04
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	16	1.04
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	16	1.04
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	16	1.04
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	7	1.04
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	7	1.04
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	7	1.04
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	7	1.04
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	7	1.04
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	7	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	8	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	8	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	8	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	8	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	8	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	8	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	14	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	14	1.04
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	14	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	14	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	14	1.04
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	14	1.04
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	20	1.04
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	20	1.04
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	20	1.04
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	13	1.04
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	13	1.04
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	13	1.04
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	4	1.04
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	4	1.04
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	4	1.04
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD11	2	1.04
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD12	2	1.04
(1,788)	1:6:A:PHE:HE1	1:49:A:LEU:HD13	2	1.04
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD11	2	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD12	2	1.04
(1,788)	1:6:A:PHE:HE2	1:49:A:LEU:HD13	2	1.04
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	3	1.04
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	3	1.04
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	3	1.04
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	9	1.03
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	9	1.03
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	9	1.03
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	10	1.03
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	10	1.03
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	10	1.03
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	14	1.03
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	14	1.03
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	14	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	3	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	3	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	3	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	10	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	10	1.03
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	10	1.03
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	4	1.03
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	4	1.03
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	4	1.03
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	4	1.03
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	4	1.03
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	4	1.03
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	20	1.03
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	20	1.03
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	20	1.03
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	20	1.03
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	20	1.03
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	20	1.03
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	14	1.03
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	14	1.03
(1,2736)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	14	1.03
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	14	1.03
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	14	1.03
(1,2736)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	14	1.03
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	9	1.03
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	9	1.03
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	9	1.03
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	10	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	10	1.03
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	10	1.03
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	11	1.03
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	11	1.03
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	11	1.03
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	11	1.03
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	11	1.03
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	11	1.03
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD21	14	1.03
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD22	14	1.03
(1,2478)	1:105:A:HIS:HB2	1:84:A:LEU:HD23	14	1.03
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD21	14	1.03
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD22	14	1.03
(1,2478)	1:105:A:HIS:HB3	1:84:A:LEU:HD23	14	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	1	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	1	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	1	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	5	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	5	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	5	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	8	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	8	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	8	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	10	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	10	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	10	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	11	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	11	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	11	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	14	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	14	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	14	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	19	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	19	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	19	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	20	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	20	1.03
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	20	1.03
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	19	1.03
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	19	1.03
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	19	1.03
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	17	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	17	1.03
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	17	1.03
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	17	1.03
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	17	1.03
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	17	1.03
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	17	1.03
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	17	1.03
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	17	1.03
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	8	1.03
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	8	1.03
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	8	1.03
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	8	1.03
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	8	1.03
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	8	1.03
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	14	1.03
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	14	1.03
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	14	1.03
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	14	1.03
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	14	1.03
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	14	1.03
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	14	1.03
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	9	1.03
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	9	1.03
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	9	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	9	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	9	1.03
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	9	1.03
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	11	1.03
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	11	1.03
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	11	1.03
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	16	1.03
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	16	1.03
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	16	1.03
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	16	1.03
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	16	1.03
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	16	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	5	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	5	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	5	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	5	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	5	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	5	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	16	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	16	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	16	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	16	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	16	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	16	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	19	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	19	1.03
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	19	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	19	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	19	1.03
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	19	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	8	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	8	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	8	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	9	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	9	1.03
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	9	1.03
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	18	1.02
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	18	1.02
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	18	1.02
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	1	1.02
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	1	1.02
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	1	1.02
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	10	1.02
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	10	1.02
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	10	1.02
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	14	1.02
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	14	1.02
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	14	1.02
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	8	1.02
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	8	1.02
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	8	1.02
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	1	1.02
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	1	1.02
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	1	1.02
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	19	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	19	1.02
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	19	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	1	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	1	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	1	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	10	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	10	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	10	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	14	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	14	1.02
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	14	1.02
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	12	1.02
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	12	1.02
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	12	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	4	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	4	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	4	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	13	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	13	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	13	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	17	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	17	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	17	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	18	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	18	1.02
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	18	1.02
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	17	1.02
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	17	1.02
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	17	1.02
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	16	1.02
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	16	1.02
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	16	1.02
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	16	1.02
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	16	1.02
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	16	1.02
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	16	1.02
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	1	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	1	1.02
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	1	1.02
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	1	1.02
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	1	1.02
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	1	1.02
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	13	1.02
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	13	1.02
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	13	1.02
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	18	1.02
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	18	1.02
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	18	1.02
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	18	1.02
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	18	1.02
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	18	1.02
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	14	1.02
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	14	1.02
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	14	1.02
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	14	1.02
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	14	1.02
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	14	1.02
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	14	1.02
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	14	1.02
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	14	1.02
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD21	5	1.02
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD22	5	1.02
(1,1480)	1:1:A:MET:HG2	1:29:A:LEU:HD23	5	1.02
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD21	5	1.02
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD22	5	1.02
(1,1480)	1:1:A:MET:HG3	1:29:A:LEU:HD23	5	1.02
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	1	1.02
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	1	1.02
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	1	1.02
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	1	1.02
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	1	1.02
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	1	1.02
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	1	1.02
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	1	1.02
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	1	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	2	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	2	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	2	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	2	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	2	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	2	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	7	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	7	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	7	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	7	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	7	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	7	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	9	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	9	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	9	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	9	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	9	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	9	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	13	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	13	1.02
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	13	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	13	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	13	1.02
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	13	1.02
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	1	1.02
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	1	1.02
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	1	1.02
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD11	11	1.02
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD12	11	1.02
(1,1123)	1:120:A:PRO:HA	1:138:A:LEU:HD13	11	1.02
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG11	5	1.02
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG12	5	1.02
(1,903)	1:114:A:LYS:H	1:113:A:VAL:HG13	5	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	5	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	5	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	5	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	13	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	13	1.02
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	13	1.02
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	8	1.02
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	8	1.02
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	8	1.02
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	8	1.01
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	8	1.01
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	8	1.01
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	16	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	16	1.01
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	16	1.01
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	20	1.01
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	20	1.01
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	20	1.01
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	7	1.01
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	7	1.01
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	7	1.01
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	8	1.01
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	8	1.01
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	8	1.01
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	17	1.01
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	17	1.01
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	17	1.01
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	4	1.01
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	4	1.01
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	4	1.01
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	17	1.01
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	17	1.01
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	17	1.01
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	6	1.01
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	6	1.01
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	6	1.01
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	5	1.01
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	5	1.01
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	5	1.01
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	5	1.01
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	5	1.01
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	5	1.01
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	13	1.01
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	13	1.01
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	13	1.01
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	13	1.01
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	13	1.01
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	13	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	7	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	7	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	7	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	8	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	8	1.01
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	8	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	8	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	8	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	8	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	16	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	16	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	16	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	20	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	20	1.01
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	20	1.01
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	17	1.01
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	17	1.01
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	17	1.01
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	18	1.01
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	18	1.01
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	18	1.01
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG21	5	1.01
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG22	5	1.01
(1,2468)	1:168:A:MET:HE1	1:48:A:VAL:HG23	5	1.01
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG21	5	1.01
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG22	5	1.01
(1,2468)	1:168:A:MET:HE2	1:48:A:VAL:HG23	5	1.01
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG21	5	1.01
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG22	5	1.01
(1,2468)	1:168:A:MET:HE3	1:48:A:VAL:HG23	5	1.01
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	1	1.01
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	1	1.01
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	1	1.01
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	1	1.01
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	1	1.01
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	1	1.01
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	1	1.01
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	1	1.01
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	1	1.01
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	4	1.01
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	4	1.01
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	4	1.01
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	5	1.01
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	5	1.01
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	5	1.01
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	7	1.01
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	7	1.01
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	7	1.01
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	14	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	14	1.01
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	14	1.01
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	17	1.01
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	17	1.01
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	17	1.01
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	12	1.01
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	12	1.01
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	12	1.01
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	15	1.01
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	15	1.01
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	15	1.01
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	19	1.01
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	19	1.01
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	19	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	9	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	9	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	9	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	9	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	9	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	9	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	15	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	15	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	15	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	15	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	15	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	15	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	19	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	19	1.01
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	19	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	19	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	19	1.01
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	19	1.01
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	2	1.01
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	2	1.01
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	2	1.01
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	2	1.01
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	2	1.01
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	2	1.01
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	2	1.01
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	2	1.01
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	2	1.01
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	2	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	2	1.01
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	2	1.01
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	2	1.01
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	2	1.01
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	2	1.01
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	2	1.01
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	2	1.01
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	2	1.01
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD11	1	1.01
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD12	1	1.01
(1,1459)	1:90:A:GLN:HB2	1:91:A:LEU:HD13	1	1.01
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD11	1	1.01
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD12	1	1.01
(1,1459)	1:90:A:GLN:HB3	1:91:A:LEU:HD13	1	1.01
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	17	1.01
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	17	1.01
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	17	1.01
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	17	1.01
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	17	1.01
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	17	1.01
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	19	1.01
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	19	1.01
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	19	1.01
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	9	1.01
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	9	1.01
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	9	1.01
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	11	1.01
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	11	1.01
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	11	1.01
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	11	1.01
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	11	1.01
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	11	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	3	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	3	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	3	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	16	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	16	1.01
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	16	1.01
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	4	1.01
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	4	1.01
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	4	1.01
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	17	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	17	1.01
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	17	1.01
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	6	1.01
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	6	1.01
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	6	1.01
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	6	1.0
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	6	1.0
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	6	1.0
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	16	1.0
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	16	1.0
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	16	1.0
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	13	1.0
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	13	1.0
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	13	1.0
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	15	1.0
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	15	1.0
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	15	1.0
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	16	1.0
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	16	1.0
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	16	1.0
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	5	1.0
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	5	1.0
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	5	1.0
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	10	1.0
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	10	1.0
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	10	1.0
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	16	1.0
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	16	1.0
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	16	1.0
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	1	1.0
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	1	1.0
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	1	1.0
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	2	1.0
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	2	1.0
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	2	1.0
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	2	1.0
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	2	1.0
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	2	1.0
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	2	1.0
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	2	1.0
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	2	1.0
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	14	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	14	1.0
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	14	1.0
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	14	1.0
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	14	1.0
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	14	1.0
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	1	1.0
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	1	1.0
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	1	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	3	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	3	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	3	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	16	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	16	1.0
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	16	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	2	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	2	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	2	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	2	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	2	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	2	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	2	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	2	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	2	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	16	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	16	1.0
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	16	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	16	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	16	1.0
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	16	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	16	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	16	1.0
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	16	1.0
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	7	1.0
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	7	1.0
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	7	1.0
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	7	1.0
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	7	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	7	1.0
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	7	1.0
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB2	13	1.0
(1,2083)	1:29:A:LEU:HD21	1:2:A:ASN:HB3	13	1.0
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB2	13	1.0
(1,2083)	1:29:A:LEU:HD22	1:2:A:ASN:HB3	13	1.0
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB2	13	1.0
(1,2083)	1:29:A:LEU:HD23	1:2:A:ASN:HB3	13	1.0
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	10	1.0
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	10	1.0
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	10	1.0
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	10	1.0
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	10	1.0
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	10	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	6	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	6	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	6	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	8	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	8	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	8	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	10	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	10	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	10	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	12	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	12	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	12	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	15	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	15	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	15	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	16	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	16	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	16	1.0
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	20	1.0
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	20	1.0
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	20	1.0
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	19	1.0
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	19	1.0
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	19	1.0
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG11	3	1.0
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG12	3	1.0
(1,1595)	1:82:A:VAL:HG11	1:113:A:VAL:HG13	3	1.0
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG11	3	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG12	3	1.0
(1,1595)	1:82:A:VAL:HG12	1:113:A:VAL:HG13	3	1.0
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG11	3	1.0
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG12	3	1.0
(1,1595)	1:82:A:VAL:HG13	1:113:A:VAL:HG13	3	1.0
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG11	3	1.0
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG12	3	1.0
(1,1544)	1:113:A:VAL:HG11	1:82:A:VAL:HG13	3	1.0
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG11	3	1.0
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG12	3	1.0
(1,1544)	1:113:A:VAL:HG12	1:82:A:VAL:HG13	3	1.0
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG11	3	1.0
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG12	3	1.0
(1,1544)	1:113:A:VAL:HG13	1:82:A:VAL:HG13	3	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	6	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	6	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	6	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	6	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	6	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	6	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	6	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	6	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	6	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	17	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	17	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	17	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	17	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	17	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	17	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	17	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	17	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	17	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	19	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	19	1.0
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	19	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	19	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	19	1.0
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	19	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	19	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	19	1.0
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	19	1.0
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	6	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	6	1.0
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	6	1.0
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	6	1.0
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	6	1.0
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	6	1.0
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	11	0.99
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	11	0.99
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	11	0.99
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	6	0.99
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	6	0.99
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	6	0.99
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	15	0.99
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	15	0.99
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	15	0.99
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	9	0.99
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	9	0.99
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	9	0.99
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	1	0.99
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	1	0.99
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	1	0.99
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	18	0.99
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	18	0.99
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	18	0.99
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	14	0.99
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	14	0.99
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	14	0.99
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	12	0.99
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	12	0.99
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	12	0.99
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	12	0.99
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	12	0.99
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	12	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	1	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	1	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	1	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	18	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	18	0.99
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	18	0.99
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	9	0.99
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	9	0.99
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	9	0.99
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	20	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	20	0.99
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	20	0.99
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	13	0.99
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	13	0.99
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	13	0.99
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	13	0.99
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	13	0.99
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	13	0.99
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	2	0.99
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	2	0.99
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	2	0.99
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	14	0.99
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	14	0.99
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	14	0.99
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	12	0.99
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	12	0.99
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	12	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	9	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	9	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	20	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	20	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	20	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	20	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	20	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	20	0.99
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	20	0.99
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	3	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	3	0.99
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	3	0.99
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	3	0.99
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	3	0.99
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	3	0.99
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	3	0.99
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	3	0.99
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	3	0.99
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	15	0.99
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	15	0.99
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	15	0.99
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	15	0.99
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	15	0.99
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	15	0.99
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	2	0.99
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	2	0.99
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	2	0.99
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	9	0.99
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	9	0.99
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	9	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	5	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	5	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	5	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	5	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	5	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	5	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	7	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	7	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	7	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	7	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	7	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	7	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	13	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	13	0.99
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	13	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	13	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	13	0.99
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	13	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	7	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	7	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	7	0.99
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	7	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	7	0.99
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	7	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	7	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	7	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	7	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	12	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	12	0.99
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	12	0.99
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	12	0.99
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	12	0.99
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	12	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	12	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	12	0.99
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	12	0.99
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD11	1	0.99
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD12	1	0.99
(1,1360)	1:41:A:LYS:HG2	1:75:A:LEU:HD13	1	0.99
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD11	1	0.99
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD12	1	0.99
(1,1360)	1:41:A:LYS:HG3	1:75:A:LEU:HD13	1	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	6	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	6	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	6	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	17	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	17	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	17	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	19	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	19	0.99
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	19	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	4	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	4	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	4	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	14	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	14	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	14	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	15	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	15	0.99
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	15	0.99
(2,68)	1:73:A:ASP:H	1:77:A:LEU:HD11	3	0.98
(2,68)	1:73:A:ASP:H	1:77:A:LEU:HD12	3	0.98
(2,68)	1:73:A:ASP:H	1:77:A:LEU:HD13	3	0.98
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	19	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	19	0.98
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	19	0.98
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	18	0.98
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	18	0.98
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	18	0.98
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	5	0.98
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	5	0.98
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	5	0.98
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	12	0.98
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	12	0.98
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	12	0.98
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	1	0.98
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	1	0.98
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	1	0.98
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	18	0.98
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	18	0.98
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	18	0.98
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	19	0.98
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	19	0.98
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	19	0.98
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	2	0.98
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	2	0.98
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	2	0.98
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	2	0.98
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	2	0.98
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	2	0.98
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	10	0.98
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	10	0.98
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	10	0.98
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	10	0.98
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	10	0.98
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	10	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	5	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	5	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	5	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	12	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	12	0.98
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	12	0.98
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	18	0.98
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	18	0.98
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	18	0.98
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	5	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	5	0.98
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	5	0.98
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	13	0.98
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	13	0.98
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	13	0.98
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	7	0.98
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	7	0.98
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	7	0.98
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	7	0.98
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	7	0.98
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	7	0.98
(1,1844)	1:75:A:LEU:HD11	1:75:A:LEU:HA	3	0.98
(1,1844)	1:75:A:LEU:HD12	1:75:A:LEU:HA	3	0.98
(1,1844)	1:75:A:LEU:HD13	1:75:A:LEU:HA	3	0.98
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	3	0.98
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	3	0.98
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	3	0.98
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	14	0.98
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	14	0.98
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	14	0.98
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	14	0.98
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	14	0.98
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	14	0.98
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	17	0.98
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	17	0.98
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	17	0.98
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	17	0.98
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	17	0.98
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	17	0.98
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	17	0.98
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	17	0.98
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	17	0.98
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	17	0.98
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	17	0.98
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	17	0.98
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	17	0.98
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	17	0.98
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	17	0.98
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	17	0.98
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	17	0.98
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	17	0.98
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	10	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	10	0.98
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	10	0.98
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	10	0.98
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	10	0.98
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	10	0.98
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	10	0.98
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	10	0.98
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	10	0.98
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	15	0.98
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	15	0.98
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	15	0.98
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	15	0.98
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	15	0.98
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	15	0.98
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	19	0.98
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	19	0.98
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	19	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	1	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	1	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	1	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	18	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	18	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	18	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	19	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	19	0.98
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	19	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	16	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	16	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	16	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	20	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	20	0.98
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	20	0.98
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	8	0.98
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	8	0.98
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	8	0.98
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	12	0.97
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	12	0.97
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	12	0.97
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	12	0.97
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	12	0.97
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	12	0.97
(1,4749)	1:144:A:LEU:HD11	1:143:A:ALA:H	10	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4749)	1:144:A:LEU:HD12	1:143:A:ALA:H	10	0.97
(1,4749)	1:144:A:LEU:HD13	1:143:A:ALA:H	10	0.97
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	12	0.97
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	12	0.97
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	12	0.97
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	20	0.97
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	20	0.97
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	20	0.97
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	2	0.97
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	2	0.97
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	2	0.97
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	20	0.97
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	20	0.97
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	20	0.97
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	15	0.97
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	15	0.97
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	15	0.97
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	8	0.97
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	8	0.97
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	8	0.97
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	8	0.97
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	8	0.97
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	8	0.97
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	6	0.97
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	6	0.97
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	6	0.97
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	6	0.97
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	6	0.97
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	6	0.97
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD21	8	0.97
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD22	8	0.97
(1,2752)	1:105:A:HIS:HA	1:108:A:LEU:HD23	8	0.97
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA2	11	0.97
(1,2745)	1:98:A:LEU:HD21	1:86:A:GLY:HA3	11	0.97
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA2	11	0.97
(1,2745)	1:98:A:LEU:HD22	1:86:A:GLY:HA3	11	0.97
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA2	11	0.97
(1,2745)	1:98:A:LEU:HD23	1:86:A:GLY:HA3	11	0.97
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	2	0.97
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	2	0.97
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	2	0.97
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	16	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	16	0.97
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	16	0.97
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD11	20	0.97
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD12	20	0.97
(1,2483)	1:5:A:LEU:HA	1:49:A:LEU:HD13	20	0.97
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	20	0.97
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	20	0.97
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	20	0.97
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	6	0.97
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	6	0.97
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	6	0.97
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	10	0.97
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	10	0.97
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	10	0.97
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD11	1:44:A:GLU:HG3	10	0.97
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD12	1:44:A:GLU:HG3	10	0.97
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG2	10	0.97
(1,2424)	1:77:A:LEU:HD13	1:44:A:GLU:HG3	10	0.97
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	18	0.97
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	18	0.97
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	18	0.97
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	18	0.97
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	18	0.97
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	18	0.97
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	11	0.97
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	11	0.97
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	11	0.97
(1,1813)	1:108:A:LEU:HD11	1:108:A:LEU:HA	19	0.97
(1,1813)	1:108:A:LEU:HD12	1:108:A:LEU:HA	19	0.97
(1,1813)	1:108:A:LEU:HD13	1:108:A:LEU:HA	19	0.97
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	18	0.97
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	18	0.97
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	18	0.97
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD11	11	0.97
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD12	11	0.97
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD13	11	0.97
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD11	11	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD12	11	0.97
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD13	11	0.97
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD11	11	0.97
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD12	11	0.97
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD13	11	0.97
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	8	0.97
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	8	0.97
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	8	0.97
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	8	0.97
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	8	0.97
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	8	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	2	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	2	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	2	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	2	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	2	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	2	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	2	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	2	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	2	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD11	12	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD12	12	0.97
(1,1433)	1:77:A:LEU:HD21	1:72:A:LEU:HD13	12	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD11	12	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD12	12	0.97
(1,1433)	1:77:A:LEU:HD22	1:72:A:LEU:HD13	12	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD11	12	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD12	12	0.97
(1,1433)	1:77:A:LEU:HD23	1:72:A:LEU:HD13	12	0.97
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	18	0.97
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	18	0.97
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	18	0.97
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	12	0.97
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	12	0.97
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	12	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	4	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	4	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	4	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	10	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	10	0.97
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	10	0.97
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	15	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	15	0.97
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	15	0.97
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	7	0.97
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	7	0.97
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	7	0.97
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	7	0.97
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	7	0.97
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	7	0.97
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	19	0.97
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	19	0.97
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	19	0.97
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	19	0.97
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	19	0.97
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	19	0.97
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	14	0.96
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	14	0.96
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	14	0.96
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	7	0.96
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	7	0.96
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	7	0.96
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	2	0.96
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	2	0.96
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	2	0.96
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	9	0.96
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	9	0.96
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	9	0.96
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	20	0.96
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	20	0.96
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	20	0.96
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	9	0.96
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	9	0.96
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	9	0.96
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	6	0.96
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	6	0.96
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	6	0.96
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	20	0.96
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	20	0.96
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	20	0.96
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	20	0.96
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	20	0.96
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	20	0.96
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	11	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	11	0.96
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	11	0.96
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	7	0.96
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	7	0.96
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	7	0.96
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	20	0.96
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	20	0.96
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	20	0.96
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	14	0.96
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	14	0.96
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	14	0.96
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	9	0.96
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	9	0.96
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	9	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	10	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	10	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	10	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	20	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	20	0.96
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	20	0.96
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	13	0.96
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	13	0.96
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	13	0.96
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	13	0.96
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	13	0.96
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	13	0.96
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	13	0.96
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	13	0.96
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	13	0.96
(1,1527)	1:51:A:LEU:HB2	1:104:A:LEU:HD11	9	0.96
(1,1527)	1:51:A:LEU:HB2	1:104:A:LEU:HD12	9	0.96
(1,1527)	1:51:A:LEU:HB2	1:104:A:LEU:HD13	9	0.96
(1,1527)	1:51:A:LEU:HB3	1:104:A:LEU:HD11	9	0.96
(1,1527)	1:51:A:LEU:HB3	1:104:A:LEU:HD12	9	0.96
(1,1527)	1:51:A:LEU:HB3	1:104:A:LEU:HD13	9	0.96
(1,1176)	1:72:A:LEU:HA	1:77:A:LEU:HD11	3	0.96
(1,1176)	1:72:A:LEU:HA	1:77:A:LEU:HD12	3	0.96
(1,1176)	1:72:A:LEU:HA	1:77:A:LEU:HD13	3	0.96
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	7	0.96
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	7	0.96
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	7	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	7	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	7	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	7	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	11	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	11	0.96
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	11	0.96
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	6	0.96
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	6	0.96
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	6	0.96
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	18	0.96
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	18	0.96
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	18	0.96
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	1	0.95
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	1	0.95
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	1	0.95
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	4	0.95
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	4	0.95
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	4	0.95
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	5	0.95
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	5	0.95
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	5	0.95
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	11	0.95
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	11	0.95
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	11	0.95
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	1	0.95
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	1	0.95
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	1	0.95
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	2	0.95
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	2	0.95
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	2	0.95
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	16	0.95
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	16	0.95
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	16	0.95
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	19	0.95
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	19	0.95
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	19	0.95
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	2	0.95
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	2	0.95
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	2	0.95
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	5	0.95
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	5	0.95
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	5	0.95
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	7	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	7	0.95
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	7	0.95
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	10	0.95
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	10	0.95
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	10	0.95
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	14	0.95
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	14	0.95
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	14	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	16	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	16	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	16	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	19	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	19	0.95
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	19	0.95
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	10	0.95
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	10	0.95
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	10	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	8	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	8	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	8	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	10	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	10	0.95
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	10	0.95
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	15	0.95
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	15	0.95
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	15	0.95
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	15	0.95
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	15	0.95
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	15	0.95
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	3	0.95
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	3	0.95
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	3	0.95
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	3	0.95
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	3	0.95
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	3	0.95
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	3	0.95
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	3	0.95
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	3	0.95
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	20	0.95
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	20	0.95
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	20	0.95
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	20	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	20	0.95
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	20	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	10	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	10	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	10	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	14	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	14	0.95
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	14	0.95
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	20	0.95
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	20	0.95
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	20	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	2	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	2	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	2	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	5	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	5	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	5	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	7	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	7	0.95
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	7	0.95
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	5	0.94
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	5	0.94
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	5	0.94
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	15	0.94
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	15	0.94
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	15	0.94
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	13	0.94
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	13	0.94
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	13	0.94
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	16	0.94
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	16	0.94
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	16	0.94
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	6	0.94
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	6	0.94
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	6	0.94
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	14	0.94
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	14	0.94
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	14	0.94
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	17	0.94
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	17	0.94
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	17	0.94
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	4	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	4	0.94
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	4	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	1	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	1	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	1	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	4	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	4	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	4	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	11	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	11	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	11	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	12	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	12	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	12	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	14	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	14	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	14	0.94
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	17	0.94
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	17	0.94
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	17	0.94
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	17	0.94
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	17	0.94
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	17	0.94
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	10	0.94
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	10	0.94
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	10	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	1	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	1	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	1	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	1	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	1	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	1	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	5	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	5	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	5	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	5	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	5	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	5	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	7	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	7	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	7	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	7	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	7	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	7	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	12	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	12	0.94
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	12	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	12	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	12	0.94
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	12	0.94
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	15	0.94
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	15	0.94
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	15	0.94
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	18	0.94
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	18	0.94
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	18	0.94
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	17	0.94
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	17	0.94
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	17	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	17	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	17	0.94
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	17	0.94
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	17	0.94
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	17	0.94
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	17	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	13	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	13	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	13	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	16	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	16	0.94
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	16	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	7	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	7	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	7	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	15	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	15	0.94
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	15	0.94
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG2	11	0.94
(1,2496)	1:32:A:LEU:HD11	1:22:A:ARG:HG3	11	0.94
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG2	11	0.94
(1,2496)	1:32:A:LEU:HD12	1:22:A:ARG:HG3	11	0.94
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG2	11	0.94
(1,2496)	1:32:A:LEU:HD13	1:22:A:ARG:HG3	11	0.94
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	7	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	7	0.94
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	7	0.94
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG21	11	0.94
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG22	11	0.94
(1,2458)	1:4:A:GLY:H	1:48:A:VAL:HG23	11	0.94
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	11	0.94
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	11	0.94
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	11	0.94
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	11	0.94
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	11	0.94
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	11	0.94
(1,1796)	1:132:A:VAL:HG21	1:139:A:PHE:HA	6	0.94
(1,1796)	1:132:A:VAL:HG22	1:139:A:PHE:HA	6	0.94
(1,1796)	1:132:A:VAL:HG23	1:139:A:PHE:HA	6	0.94
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	6	0.94
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	6	0.94
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	6	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	1	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	1	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	1	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	1	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	1	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	1	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	1	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	1	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	1	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	18	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	18	0.94
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	18	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	18	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	18	0.94
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	18	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	18	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	18	0.94
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	18	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	15	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	15	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	15	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	18	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	18	0.94
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	18	0.94
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	15	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	15	0.94
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	15	0.94
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	15	0.94
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	15	0.94
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	15	0.94
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	20	0.93
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	20	0.93
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	20	0.93
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	18	0.93
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	18	0.93
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	18	0.93
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	5	0.93
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	5	0.93
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	5	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	5	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	5	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	5	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	15	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	15	0.93
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	15	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	9	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	9	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	9	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	9	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	9	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	9	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	11	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	11	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	11	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	11	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	11	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	11	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	13	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	13	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	13	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	13	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	13	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	13	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	18	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	18	0.93
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	18	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	18	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	18	0.93
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	18	0.93
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	3	0.93
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	3	0.93
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	3	0.93
(1,2791)	1:91:A:LEU:HD11	1:91:A:LEU:HA	16	0.93
(1,2791)	1:91:A:LEU:HD12	1:91:A:LEU:HA	16	0.93
(1,2791)	1:91:A:LEU:HD13	1:91:A:LEU:HA	16	0.93
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	18	0.93
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	18	0.93
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	18	0.93
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	18	0.93
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	18	0.93
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	18	0.93
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	20	0.93
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	20	0.93
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	20	0.93
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	8	0.93
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	8	0.93
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	8	0.93
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	2	0.93
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	2	0.93
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	2	0.93
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	19	0.93
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	19	0.93
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	19	0.93
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	19	0.93
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	19	0.93
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	19	0.93
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	20	0.93
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	20	0.93
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	20	0.93
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	20	0.93
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	20	0.93
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	20	0.93
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	14	0.93
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	14	0.93
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	14	0.93
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	14	0.93
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	14	0.93
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	14	0.93
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	14	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	14	0.93
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	14	0.93
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	17	0.93
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	17	0.93
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	17	0.93
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	17	0.93
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	17	0.93
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	17	0.93
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	17	0.93
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	17	0.93
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	17	0.93
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	17	0.93
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	17	0.93
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	17	0.93
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	17	0.93
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	17	0.93
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	17	0.93
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD11	9	0.93
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD12	9	0.93
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD13	9	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD11	9	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD12	9	0.93
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD13	9	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD11	9	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD12	9	0.93
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD13	9	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	3	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	3	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	3	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	12	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	12	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	12	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	14	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	14	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	14	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	17	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	17	0.93
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	17	0.93
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD11	16	0.93
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD12	16	0.93
(1,1136)	1:91:A:LEU:HA	1:91:A:LEU:HD13	16	0.93
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	11	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	11	0.93
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	11	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	1	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	1	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	1	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	18	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	18	0.93
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	18	0.93
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	8	0.92
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	8	0.92
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	8	0.92
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	12	0.92
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	12	0.92
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	12	0.92
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	8	0.92
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	8	0.92
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	8	0.92
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	2	0.92
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	2	0.92
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	2	0.92
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	15	0.92
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	15	0.92
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	15	0.92
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	4	0.92
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	4	0.92
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	4	0.92
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	9	0.92
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	9	0.92
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	9	0.92
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD11	20	0.92
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD12	20	0.92
(1,3124)	1:31:A:THR:HA	1:32:A:LEU:HD13	20	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	10	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	10	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	10	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	10	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	10	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	10	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	14	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	14	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	14	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	14	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	14	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	14	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	17	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	17	0.92
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	17	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	17	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	17	0.92
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	17	0.92
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	2	0.92
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	2	0.92
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	2	0.92
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD21	7	0.92
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD22	7	0.92
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD23	7	0.92
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD21	7	0.92
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD22	7	0.92
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD23	7	0.92
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	7	0.92
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	7	0.92
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	7	0.92
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	7	0.92
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	7	0.92
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	7	0.92
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	4	0.92
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	4	0.92
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	4	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	8	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	8	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	8	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	12	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	12	0.92
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	12	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	7	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	7	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	7	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	14	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	14	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	14	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	15	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	15	0.92
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	15	0.92
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	7	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	7	0.92
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	7	0.92
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	7	0.92
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	7	0.92
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	7	0.92
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	14	0.92
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	14	0.92
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	14	0.92
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	14	0.92
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	14	0.92
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	14	0.92
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	8	0.92
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	8	0.92
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	8	0.92
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	8	0.92
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	8	0.92
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	8	0.92
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	8	0.92
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	8	0.92
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	8	0.92
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	11	0.92
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	11	0.92
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	11	0.92
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	11	0.92
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	11	0.92
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	11	0.92
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	11	0.92
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	11	0.92
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	11	0.92
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	7	0.92
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	7	0.92
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	7	0.92
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	7	0.92
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	7	0.92
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	7	0.92
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	10	0.92
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	10	0.92
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	10	0.92
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	19	0.92
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	19	0.92
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	19	0.92
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	17	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	17	0.92
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	17	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	1	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	1	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	1	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	2	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	2	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	2	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	5	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	5	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	5	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	6	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	6	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	6	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	7	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	7	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	7	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	8	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	8	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	8	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	13	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	13	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	13	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	16	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	16	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	16	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	19	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	19	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	19	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	20	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	20	0.92
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	20	0.92
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	10	0.92
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	10	0.92
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	10	0.92
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD21	14	0.92
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD22	14	0.92
(1,834)	1:65:A:TRP:HZ3	1:35:A:LEU:HD23	14	0.92
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	9	0.92
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	9	0.92
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	9	0.92
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	7	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	7	0.91
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	7	0.91
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	3	0.91
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	3	0.91
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	3	0.91
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	20	0.91
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	20	0.91
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	20	0.91
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	4	0.91
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	4	0.91
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	4	0.91
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	20	0.91
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	20	0.91
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	20	0.91
(1,4184)	1:98:A:LEU:HD21	1:87:A:LEU:H	11	0.91
(1,4184)	1:98:A:LEU:HD22	1:87:A:LEU:H	11	0.91
(1,4184)	1:98:A:LEU:HD23	1:87:A:LEU:H	11	0.91
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	6	0.91
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	6	0.91
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	6	0.91
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	2	0.91
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	2	0.91
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	2	0.91
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	7	0.91
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	7	0.91
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	7	0.91
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	20	0.91
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	20	0.91
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	20	0.91
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	20	0.91
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	20	0.91
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	20	0.91
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	12	0.91
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	12	0.91
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	12	0.91
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	7	0.91
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	7	0.91
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	7	0.91
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	17	0.91
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	17	0.91
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	17	0.91
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	20	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	20	0.91
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	20	0.91
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	2	0.91
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	2	0.91
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	2	0.91
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	8	0.91
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	8	0.91
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	8	0.91
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	8	0.91
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	8	0.91
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	8	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	8	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	8	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	8	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	8	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	8	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	8	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	10	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	10	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	10	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	10	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	10	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	10	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	19	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	19	0.91
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	19	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	19	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	19	0.91
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	19	0.91
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	4	0.91
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	4	0.91
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	4	0.91
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	4	0.91
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	4	0.91
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	4	0.91
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	4	0.91
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	4	0.91
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	4	0.91
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	16	0.91
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	16	0.91
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	16	0.91
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	4	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	4	0.91
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	4	0.91
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	4	0.91
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	4	0.91
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	4	0.91
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	7	0.91
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	7	0.91
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	7	0.91
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	7	0.91
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	7	0.91
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	7	0.91
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	7	0.91
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	12	0.91
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	12	0.91
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	12	0.91
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	19	0.91
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	19	0.91
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	19	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	4	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	4	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	4	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	10	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	10	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	10	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	15	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	15	0.91
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	15	0.91
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	18	0.91
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	18	0.91
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	18	0.91
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	18	0.91
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	18	0.91
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	18	0.91
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	3	0.91
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	3	0.91
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	3	0.91
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	2	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	2	0.91
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	2	0.91
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	18	0.91
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	18	0.91
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	18	0.91
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	18	0.91
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	18	0.91
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	18	0.91
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	20	0.91
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	20	0.91
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	20	0.91
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	14	0.9
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	14	0.9
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	14	0.9
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	2	0.9
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	2	0.9
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	2	0.9
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	11	0.9
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	11	0.9
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	11	0.9
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	18	0.9
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	18	0.9
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	18	0.9
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	2	0.9
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	2	0.9
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	2	0.9
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	19	0.9
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	19	0.9
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	19	0.9
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	6	0.9
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	6	0.9
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	6	0.9
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	10	0.9
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	10	0.9
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	10	0.9
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	12	0.9
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	12	0.9
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	12	0.9
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	19	0.9
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	19	0.9
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	19	0.9
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	12	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	12	0.9
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	12	0.9
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	17	0.9
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	17	0.9
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	17	0.9
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	10	0.9
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	10	0.9
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	10	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	4	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	4	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	4	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	8	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	8	0.9
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	8	0.9
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	13	0.9
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	13	0.9
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	13	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	15	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	15	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	15	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	15	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	15	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	15	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	19	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	19	0.9
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	19	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	19	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	19	0.9
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	19	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	5	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	5	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	5	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	20	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	20	0.9
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	20	0.9
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	15	0.9
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	15	0.9
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	15	0.9
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	15	0.9
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	15	0.9
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	15	0.9
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	4	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	4	0.9
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	4	0.9
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	4	0.9
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	4	0.9
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	4	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	2	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	2	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	2	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	11	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	11	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	11	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	18	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	18	0.9
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	18	0.9
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	7	0.9
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	7	0.9
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	7	0.9
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	18	0.9
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	18	0.9
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	18	0.9
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	18	0.9
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	18	0.9
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	18	0.9
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD11	9	0.9
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD12	9	0.9
(1,2476)	1:84:A:LEU:HA	1:84:A:LEU:HD13	9	0.9
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	8	0.9
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	8	0.9
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	8	0.9
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	8	0.9
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	8	0.9
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	8	0.9
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	16	0.9
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	16	0.9
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	16	0.9
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	16	0.9
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	16	0.9
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	16	0.9
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	16	0.9
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	16	0.9
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	16	0.9
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	9	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	9	0.9
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	9	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	10	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	10	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	10	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	10	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	10	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	10	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	10	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	10	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	10	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	18	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	18	0.9
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	18	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	18	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	18	0.9
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	18	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	18	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	18	0.9
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	18	0.9
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	11	0.9
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	11	0.9
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	11	0.9
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	11	0.9
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	11	0.9
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	11	0.9
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	4	0.9
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	4	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	4	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	4	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	4	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	4	0.9
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	9	0.9
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	9	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	9	0.9
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	9	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	9	0.9
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	9	0.9
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	13	0.9
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	13	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	13	0.9
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	13	0.9
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	13	0.9
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	13	0.9
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	13	0.9
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	14	0.9
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	14	0.9
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	14	0.9
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	2	0.9
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	2	0.9
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	2	0.9
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	8	0.9
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	8	0.9
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	8	0.9
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	16	0.9
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	16	0.9
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	16	0.9
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	11	0.9
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	11	0.9
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	11	0.9
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	11	0.9
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	11	0.9
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	11	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	12	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	12	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	12	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	13	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	13	0.9
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	13	0.9
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	11	0.9
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	11	0.9
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	11	0.9
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	11	0.9
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	11	0.9
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	11	0.9
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	14	0.9
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	14	0.9
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	14	0.9
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	9	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	9	0.9
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	9	0.9
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	9	0.9
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	9	0.9
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	9	0.9
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	14	0.9
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	14	0.9
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	14	0.9
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG21	15	0.9
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG22	15	0.9
(1,838)	1:115:A:PHE:HE1	1:82:A:VAL:HG23	15	0.9
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG21	15	0.9
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG22	15	0.9
(1,838)	1:115:A:PHE:HE2	1:82:A:VAL:HG23	15	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	12	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	12	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	12	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	19	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	19	0.9
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	19	0.9
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	10	0.9
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	10	0.9
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	10	0.9
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	10	0.9
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	10	0.9
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	10	0.9
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	9	0.9
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	9	0.9
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	9	0.9
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	9	0.9
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	9	0.9
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	9	0.9
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	13	0.9
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	13	0.9
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	13	0.9
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	13	0.89
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	13	0.89
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	13	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	1	0.89
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	1	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	1	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	3	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	3	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	3	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	4	0.89
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	4	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	4	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	5	0.89
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	5	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	5	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	9	0.89
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	9	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	9	0.89
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	15	0.89
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	15	0.89
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	15	0.89
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	8	0.89
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	8	0.89
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	8	0.89
(1,4390)	1:108:A:LEU:HD21	1:105:A:HIS:H	10	0.89
(1,4390)	1:108:A:LEU:HD22	1:105:A:HIS:H	10	0.89
(1,4390)	1:108:A:LEU:HD23	1:105:A:HIS:H	10	0.89
(1,4089)	1:113:A:VAL:HG21	1:79:A:GLY:H	19	0.89
(1,4089)	1:113:A:VAL:HG22	1:79:A:GLY:H	19	0.89
(1,4089)	1:113:A:VAL:HG23	1:79:A:GLY:H	19	0.89
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	17	0.89
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	17	0.89
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	17	0.89
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	19	0.89
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	19	0.89
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	19	0.89
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	13	0.89
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	13	0.89
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	13	0.89
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	15	0.89
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	15	0.89
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	15	0.89
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	3	0.89
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	3	0.89
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	3	0.89
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	10	0.89
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	10	0.89
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	10	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	6	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	6	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	6	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	14	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	14	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	14	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	16	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	16	0.89
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	16	0.89
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	6	0.89
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	6	0.89
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	6	0.89
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	6	0.89
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	6	0.89
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	6	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	7	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	7	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	7	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	13	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	13	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	13	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	14	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	14	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	14	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	17	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	17	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	17	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	19	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	19	0.89
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	19	0.89
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	7	0.89
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	7	0.89
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	7	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	13	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	13	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	13	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	15	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	15	0.89
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	15	0.89
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	7	0.89
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	7	0.89
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	7	0.89
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	7	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	7	0.89
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	7	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	1	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	1	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	1	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	3	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	3	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	3	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	4	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	4	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	4	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	5	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	5	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	5	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	9	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	9	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	9	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	15	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	15	0.89
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	15	0.89
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	19	0.89
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	19	0.89
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	19	0.89
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	18	0.89
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	18	0.89
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	18	0.89
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	3	0.89
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	3	0.89
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	3	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	3	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	3	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	3	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	10	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	10	0.89
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	10	0.89
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	5	0.89
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	5	0.89
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	5	0.89
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	5	0.89
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	5	0.89
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	5	0.89
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	6	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	6	0.89
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	6	0.89
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	3	0.89
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	3	0.89
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	3	0.89
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	3	0.89
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	3	0.89
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	3	0.89
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	1	0.89
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	1	0.89
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	1	0.89
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	8	0.89
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	8	0.89
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	8	0.89
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	20	0.89
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	20	0.89
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	20	0.89
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	5	0.89
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	5	0.89
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	5	0.89
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	11	0.89
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	11	0.89
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	11	0.89
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	17	0.89
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	17	0.89
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	17	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	4	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	4	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	4	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	4	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	4	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	4	0.89
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	4	0.89
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	4	0.89
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	4	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	8	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	8	0.89
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	8	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	8	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	8	0.89
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	8	0.89
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	8	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	8	0.89
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	8	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	1	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	1	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	1	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	8	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	8	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	8	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	20	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	20	0.89
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	20	0.89
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	17	0.89
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	17	0.89
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	17	0.89
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	17	0.89
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	17	0.89
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	17	0.89
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	8	0.89
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	8	0.89
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	8	0.89
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	13	0.89
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	13	0.89
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	13	0.89
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	17	0.89
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	17	0.89
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	17	0.89
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	17	0.89
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	17	0.89
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	17	0.89
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	17	0.89
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	17	0.89
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	17	0.89
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	11	0.88
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	11	0.88
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	11	0.88
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	17	0.88
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	17	0.88
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	17	0.88
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	1	0.88
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	1	0.88
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	1	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	1	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	1	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	1	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	2	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	2	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	2	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	3	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	3	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	3	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	12	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	12	0.88
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	12	0.88
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	15	0.88
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	15	0.88
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	15	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	1	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	1	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	1	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	6	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	6	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	6	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	10	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	10	0.88
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	10	0.88
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	11	0.88
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	11	0.88
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	11	0.88
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	11	0.88
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	11	0.88
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	11	0.88
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	11	0.88
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	11	0.88
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	11	0.88
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	9	0.88
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	9	0.88
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	9	0.88
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	3	0.88
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	3	0.88
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	3	0.88
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	3	0.88
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	3	0.88
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	3	0.88
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	17	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	17	0.88
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	17	0.88
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	14	0.88
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	14	0.88
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	14	0.88
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	1	0.88
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	1	0.88
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	1	0.88
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	4	0.88
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	4	0.88
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	4	0.88
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	6	0.88
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	6	0.88
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	6	0.88
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	6	0.88
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	6	0.88
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	6	0.88
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	5	0.88
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	5	0.88
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	5	0.88
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	5	0.88
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	5	0.88
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	5	0.88
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	13	0.88
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	13	0.88
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	13	0.88
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	13	0.88
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	13	0.88
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	13	0.88
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	13	0.88
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	13	0.88
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	13	0.88
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	14	0.88
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	14	0.88
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	14	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	4	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	4	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	4	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	4	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	4	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	4	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	4	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	4	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	4	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	5	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	5	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	5	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	5	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	5	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	5	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	5	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	5	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	5	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	7	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	7	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	7	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	7	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	7	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	7	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	7	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	7	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	7	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	12	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	12	0.88
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	12	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	12	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	12	0.88
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	12	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	12	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	12	0.88
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	12	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	16	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	16	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	16	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	16	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	16	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	16	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	19	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	19	0.88
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	19	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	19	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	19	0.88
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	19	0.88
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	17	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	17	0.88
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	17	0.88
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	6	0.88
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	6	0.88
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	6	0.88
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	14	0.88
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	14	0.88
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	14	0.88
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD21	9	0.88
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD22	9	0.88
(1,1494)	1:101:A:LEU:HD21	1:98:A:LEU:HD23	9	0.88
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD21	9	0.88
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD22	9	0.88
(1,1494)	1:101:A:LEU:HD22	1:98:A:LEU:HD23	9	0.88
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD21	9	0.88
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD22	9	0.88
(1,1494)	1:101:A:LEU:HD23	1:98:A:LEU:HD23	9	0.88
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	11	0.88
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	11	0.88
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	11	0.88
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	11	0.88
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	11	0.88
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	11	0.88
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	11	0.88
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	11	0.88
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	11	0.88
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	5	0.88
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	5	0.88
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	5	0.88
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	5	0.88
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	5	0.88
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	5	0.88
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	5	0.88
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	5	0.88
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	5	0.88
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	5	0.88
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	5	0.88
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	5	0.88
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	17	0.88
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	17	0.88
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	17	0.88
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	6	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	6	0.88
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	6	0.88
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	6	0.88
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	6	0.88
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	6	0.88
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	11	0.88
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	11	0.88
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	11	0.88
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	1	0.88
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	1	0.88
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	1	0.88
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	6	0.88
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	6	0.88
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	6	0.88
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	6	0.88
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	6	0.88
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	6	0.88
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	11	0.88
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	11	0.88
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	11	0.88
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	11	0.88
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	11	0.88
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	11	0.88
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	15	0.88
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	15	0.88
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	15	0.88
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	13	0.87
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	13	0.87
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	13	0.87
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	20	0.87
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	20	0.87
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	20	0.87
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	1	0.87
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	1	0.87
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	1	0.87
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	19	0.87
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	19	0.87
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	19	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	4	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	4	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	4	0.87
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	4	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	4	0.87
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	4	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	16	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	16	0.87
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	16	0.87
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	16	0.87
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	16	0.87
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	16	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	9	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	9	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	9	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	11	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	11	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	11	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	15	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	15	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	15	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	18	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	18	0.87
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	18	0.87
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	16	0.87
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	16	0.87
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	16	0.87
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	16	0.87
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	16	0.87
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	16	0.87
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	15	0.87
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	15	0.87
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	15	0.87
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	20	0.87
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	20	0.87
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	20	0.87
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	20	0.87
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	20	0.87
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	20	0.87
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	20	0.87
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	20	0.87
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	20	0.87
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	20	0.87
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	20	0.87
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	20	0.87
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	1	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	1	0.87
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	1	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	5	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	5	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	5	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	14	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	14	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	14	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	18	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	18	0.87
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	18	0.87
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	13	0.87
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	13	0.87
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	13	0.87
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	2	0.87
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	2	0.87
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	2	0.87
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	15	0.87
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	15	0.87
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	15	0.87
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	15	0.87
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	15	0.87
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	15	0.87
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	9	0.87
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	9	0.87
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	9	0.87
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	9	0.87
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	9	0.87
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	9	0.87
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG21	12	0.87
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG22	12	0.87
(1,2258)	1:5:A:LEU:HD11	1:21:A:ILE:HG23	12	0.87
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG21	12	0.87
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG22	12	0.87
(1,2258)	1:5:A:LEU:HD12	1:21:A:ILE:HG23	12	0.87
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG21	12	0.87
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG22	12	0.87
(1,2258)	1:5:A:LEU:HD13	1:21:A:ILE:HG23	12	0.87
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	3	0.87
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	3	0.87
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	3	0.87
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	8	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	8	0.87
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	8	0.87
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	11	0.87
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	11	0.87
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	11	0.87
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	13	0.87
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	13	0.87
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	13	0.87
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	19	0.87
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	19	0.87
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	19	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	3	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	3	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	3	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	3	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	3	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	3	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	3	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	3	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	3	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	15	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	15	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	15	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	15	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	15	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	15	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	15	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	15	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	15	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	17	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	17	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	17	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	17	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	17	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	17	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	17	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	17	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	17	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	19	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	19	0.87
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	19	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	19	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	19	0.87
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	19	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	19	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	19	0.87
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	19	0.87
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	3	0.87
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	3	0.87
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	3	0.87
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	3	0.87
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	3	0.87
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	3	0.87
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	7	0.87
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	7	0.87
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	7	0.87
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	20	0.87
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	20	0.87
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	20	0.87
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	13	0.87
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	13	0.87
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	13	0.87
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	13	0.87
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	13	0.87
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	13	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	7	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	7	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	7	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	16	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	16	0.87
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	16	0.87
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG11	1	0.87
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG12	1	0.87
(1,1191)	1:131:A:PRO:HD2	1:132:A:VAL:HG13	1	0.87
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG11	1	0.87
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG12	1	0.87
(1,1191)	1:131:A:PRO:HD3	1:132:A:VAL:HG13	1	0.87
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	7	0.87
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	7	0.87
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	7	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	4	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	4	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	4	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	4	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	4	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	4	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	7	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	7	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	7	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	7	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	7	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	7	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	16	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	16	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	16	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	16	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	16	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	16	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	20	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	20	0.87
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	20	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	20	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	20	0.87
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	20	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	1	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	1	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	1	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	5	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	5	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	5	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	20	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	20	0.87
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	20	0.87
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	20	0.87
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	20	0.87
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	20	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	4	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	4	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	4	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	4	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	4	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	4	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	7	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	7	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	7	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	7	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	7	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	7	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	16	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	16	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	16	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	16	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	16	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	16	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	20	0.87
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	20	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	20	0.87
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	20	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	20	0.87
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	20	0.87
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	10	0.86
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	10	0.86
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	10	0.86
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	18	0.86
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	18	0.86
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	18	0.86
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	8	0.86
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	8	0.86
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	8	0.86
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	20	0.86
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	20	0.86
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	20	0.86
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	3	0.86
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	3	0.86
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	3	0.86
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	14	0.86
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	14	0.86
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	14	0.86
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	15	0.86
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	15	0.86
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	15	0.86
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	16	0.86
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	16	0.86
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	16	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	7	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	7	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	7	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	13	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	13	0.86
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	13	0.86
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	4	0.86
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	4	0.86
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	4	0.86
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	2	0.86
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	2	0.86
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	2	0.86
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	17	0.86
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	17	0.86
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	17	0.86
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	17	0.86
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	17	0.86
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	17	0.86
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	2	0.86
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	2	0.86
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	2	0.86
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	2	0.86
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	2	0.86
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	2	0.86
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	10	0.86
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	10	0.86
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	10	0.86
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	10	0.86
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	10	0.86
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	10	0.86
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	13	0.86
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	13	0.86
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	13	0.86
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	13	0.86
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	13	0.86
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	13	0.86
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	13	0.86
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	13	0.86
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	13	0.86
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	13	0.86
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	13	0.86
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	13	0.86
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	13	0.86
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	13	0.86
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	13	0.86
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	10	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	10	0.86
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	10	0.86
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	10	0.86
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	10	0.86
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	10	0.86
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD11	9	0.86
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD12	9	0.86
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD13	9	0.86
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	20	0.86
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	20	0.86
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	20	0.86
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	20	0.86
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	20	0.86
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	20	0.86
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	20	0.86
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	9	0.86
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	9	0.86
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	9	0.86
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	10	0.86
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	10	0.86
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	10	0.86
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	12	0.86
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	12	0.86
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	12	0.86
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	12	0.86
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	12	0.86
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	12	0.86
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	12	0.86
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	12	0.86
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	12	0.86
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	3	0.86
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	3	0.86
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	3	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	6	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	6	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	6	0.86
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	6	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	6	0.86
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	6	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	17	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	17	0.86
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	17	0.86
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	17	0.86
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	17	0.86
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	17	0.86
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	12	0.86
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	12	0.86
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	12	0.86
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	12	0.86
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	12	0.86
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	12	0.86
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	12	0.86
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	12	0.86
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	12	0.86
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	10	0.86
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	10	0.86
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	10	0.86
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	10	0.86
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	10	0.86
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	10	0.86
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	10	0.86
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	10	0.86
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	10	0.86
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	10	0.86
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	10	0.86
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	10	0.86
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	18	0.86
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	18	0.86
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	18	0.86
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	9	0.86
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	9	0.86
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	9	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	13	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	13	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	13	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	13	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	13	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	13	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	15	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	15	0.86
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	15	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	15	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	15	0.86
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	15	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	10	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	10	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	10	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	13	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	13	0.86
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	13	0.86
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	6	0.86
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	6	0.86
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	6	0.86
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	6	0.86
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	6	0.86
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	6	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	3	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	3	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	3	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	14	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	14	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	14	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	15	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	15	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	15	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	16	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	16	0.86
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	16	0.86
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	13	0.86
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	13	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	13	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	13	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	13	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	13	0.86
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	15	0.86
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	15	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	15	0.86
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	15	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	15	0.86
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	15	0.86
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	3	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	3	0.85
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	3	0.85
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	4	0.85
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	4	0.85
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	4	0.85
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	5	0.85
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	5	0.85
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	5	0.85
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	6	0.85
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	6	0.85
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	6	0.85
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	8	0.85
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	8	0.85
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	8	0.85
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	9	0.85
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	9	0.85
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	9	0.85
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	3	0.85
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	3	0.85
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	3	0.85
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	20	0.85
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	20	0.85
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	20	0.85
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	6	0.85
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	6	0.85
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	6	0.85
(1,3767)	1:77:A:LEU:HD11	1:44:A:GLU:H	10	0.85
(1,3767)	1:77:A:LEU:HD12	1:44:A:GLU:H	10	0.85
(1,3767)	1:77:A:LEU:HD13	1:44:A:GLU:H	10	0.85
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	17	0.85
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	17	0.85
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	17	0.85
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	5	0.85
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	5	0.85
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	5	0.85
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG11	8	0.85
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG12	8	0.85
(1,3057)	1:139:A:PHE:HB2	1:140:A:VAL:HG13	8	0.85
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG11	8	0.85
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG12	8	0.85
(1,3057)	1:139:A:PHE:HB3	1:140:A:VAL:HG13	8	0.85
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	8	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	8	0.85
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	8	0.85
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	14	0.85
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	14	0.85
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	14	0.85
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	5	0.85
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	5	0.85
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	5	0.85
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	5	0.85
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	5	0.85
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	5	0.85
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	6	0.85
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	6	0.85
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	6	0.85
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	4	0.85
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	4	0.85
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	4	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	5	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	5	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	5	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	16	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	16	0.85
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	16	0.85
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	14	0.85
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	14	0.85
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	14	0.85
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	10	0.85
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	10	0.85
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	10	0.85
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	10	0.85
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	10	0.85
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	10	0.85
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	5	0.85
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	5	0.85
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	5	0.85
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	4	0.85
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	4	0.85
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	4	0.85
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	4	0.85
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	4	0.85
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	4	0.85
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	4	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	4	0.85
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	4	0.85
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	5	0.85
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	5	0.85
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	5	0.85
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	15	0.85
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	15	0.85
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	15	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	1	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	1	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	1	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	1	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	1	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	1	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	1	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	1	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	1	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	2	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	2	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	2	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	2	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	2	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	2	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	2	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	2	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	2	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	8	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	8	0.85
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	8	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	8	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	8	0.85
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	8	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	8	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	8	0.85
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	8	0.85
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	1	0.85
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	1	0.85
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	1	0.85
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	1	0.85
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	1	0.85
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	1	0.85
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	5	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	5	0.85
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	5	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	5	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	5	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	5	0.85
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	6	0.85
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	6	0.85
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	6	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	6	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	6	0.85
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	6	0.85
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	16	0.85
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	16	0.85
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	16	0.85
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	16	0.85
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	16	0.85
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	16	0.85
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	16	0.85
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	16	0.85
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	16	0.85
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	20	0.85
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	20	0.85
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	20	0.85
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	20	0.85
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	20	0.85
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	20	0.85
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	2	0.85
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	2	0.85
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	2	0.85
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	11	0.85
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	11	0.85
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	11	0.85
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	11	0.85
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	11	0.85
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	11	0.85
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	3	0.85
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	3	0.85
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	3	0.85
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	3	0.85
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	3	0.85
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	3	0.85
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	16	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	16	0.85
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	16	0.85
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	16	0.85
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	16	0.85
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	16	0.85
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	16	0.85
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	16	0.85
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	16	0.85
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	1	0.85
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	1	0.85
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	1	0.85
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	1	0.85
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	1	0.85
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	1	0.85
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	11	0.85
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	11	0.85
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	11	0.85
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	11	0.85
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	11	0.85
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	11	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	6	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	6	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	6	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	7	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	7	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	7	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	19	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	19	0.85
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	19	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	4	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	4	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	4	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	5	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	5	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	5	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	6	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	6	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	6	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	8	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	8	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	8	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	9	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	9	0.85
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	9	0.85
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	11	0.85
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	11	0.85
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	11	0.85
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	11	0.85
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	11	0.85
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	11	0.85
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	5	0.85
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	5	0.85
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	5	0.85
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	1	0.84
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	1	0.84
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	1	0.84
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	10	0.84
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	10	0.84
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	10	0.84
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	8	0.84
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	8	0.84
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	8	0.84
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	11	0.84
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	11	0.84
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	11	0.84
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	15	0.84
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	15	0.84
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	15	0.84
(1,3799)	1:82:A:VAL:HG11	1:49:A:LEU:H	11	0.84
(1,3799)	1:82:A:VAL:HG12	1:49:A:LEU:H	11	0.84
(1,3799)	1:82:A:VAL:HG13	1:49:A:LEU:H	11	0.84
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	7	0.84
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	7	0.84
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	7	0.84
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	1	0.84
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	1	0.84
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	1	0.84
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG11	11	0.84
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG12	11	0.84
(1,2713)	1:49:A:LEU:H	1:82:A:VAL:HG13	11	0.84
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG11	1	0.84
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG12	1	0.84
(1,2700)	1:126:A:PHE:HD1	1:132:A:VAL:HG13	1	0.84
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG11	1	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG12	1	0.84
(1,2700)	1:126:A:PHE:HD2	1:132:A:VAL:HG13	1	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	9	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	9	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	9	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	13	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	13	0.84
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	13	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	6	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	6	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	6	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	9	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	9	0.84
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	9	0.84
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	12	0.84
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	12	0.84
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	12	0.84
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	17	0.84
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	17	0.84
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	17	0.84
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	7	0.84
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	7	0.84
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	7	0.84
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	18	0.84
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	18	0.84
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	18	0.84
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	7	0.84
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	7	0.84
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	7	0.84
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	18	0.84
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	18	0.84
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	18	0.84
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	1	0.84
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	1	0.84
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	1	0.84
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	1	0.84
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	1	0.84
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	1	0.84
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	1	0.84
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	1	0.84
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	1	0.84
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	3	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	3	0.84
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	3	0.84
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	15	0.84
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	15	0.84
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	15	0.84
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	1	0.84
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	1	0.84
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	1	0.84
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	8	0.84
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	8	0.84
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	8	0.84
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	8	0.84
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	8	0.84
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	8	0.84
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	10	0.84
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	10	0.84
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	10	0.84
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	10	0.84
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	10	0.84
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	10	0.84
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	11	0.84
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	11	0.84
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	11	0.84
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	10	0.84
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	10	0.84
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	10	0.84
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	10	0.84
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	10	0.84
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	10	0.84
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	3	0.83
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	3	0.83
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	3	0.83
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	6	0.83
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	6	0.83
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	6	0.83
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	16	0.83
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	16	0.83
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	16	0.83
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	19	0.83
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	19	0.83
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	19	0.83
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	13	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	13	0.83
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	13	0.83
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	8	0.83
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	8	0.83
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	8	0.83
(1,3534)	1:32:A:LEU:HD11	1:19:A:GLU:H	20	0.83
(1,3534)	1:32:A:LEU:HD12	1:19:A:GLU:H	20	0.83
(1,3534)	1:32:A:LEU:HD13	1:19:A:GLU:H	20	0.83
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG11	16	0.83
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG12	16	0.83
(1,3017)	1:141:A:GLY:H	1:140:A:VAL:HG13	16	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	2	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	2	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	2	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	2	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	2	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	2	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	2	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	2	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	2	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	7	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	7	0.83
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	7	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	7	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	7	0.83
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	7	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	7	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	7	0.83
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	7	0.83
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	13	0.83
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	13	0.83
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	13	0.83
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	6	0.83
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	6	0.83
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	6	0.83
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	19	0.83
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	19	0.83
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	19	0.83
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	6	0.83
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	6	0.83
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	6	0.83
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	6	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	6	0.83
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	6	0.83
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	19	0.83
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	19	0.83
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	19	0.83
(1,2408)	1:19:A:GLU:H	1:32:A:LEU:HD11	20	0.83
(1,2408)	1:19:A:GLU:H	1:32:A:LEU:HD12	20	0.83
(1,2408)	1:19:A:GLU:H	1:32:A:LEU:HD13	20	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	6	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	6	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	6	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	6	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	6	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	6	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	6	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	6	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	6	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	9	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	9	0.83
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	9	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	9	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	9	0.83
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	9	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	9	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	9	0.83
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	9	0.83
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	12	0.83
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	12	0.83
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	12	0.83
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	12	0.83
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	12	0.83
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	12	0.83
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	3	0.83
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	3	0.83
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	3	0.83
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	4	0.83
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	4	0.83
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	4	0.83
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	9	0.83
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	9	0.83
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	9	0.83
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	14	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	14	0.83
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	14	0.83
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	6	0.83
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	6	0.83
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	6	0.83
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	6	0.83
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	6	0.83
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	6	0.83
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	6	0.83
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	6	0.83
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	6	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	4	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	4	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	4	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	8	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	8	0.83
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	8	0.83
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	6	0.83
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	6	0.83
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	6	0.83
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	6	0.83
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	6	0.83
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	6	0.83
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	6	0.83
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	6	0.83
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	6	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	2	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	2	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	2	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	2	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	2	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	2	0.83
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	2	0.83
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	2	0.83
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	2	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	7	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	7	0.83
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	7	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	7	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	7	0.83
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	7	0.83
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	7	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	7	0.83
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	7	0.83
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	3	0.83
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	3	0.83
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	3	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	1	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	1	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	1	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	1	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	1	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	1	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	12	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	12	0.83
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	12	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	12	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	12	0.83
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	12	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	2	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	2	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	2	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	16	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	16	0.83
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	16	0.83
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	3	0.83
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	3	0.83
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	3	0.83
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	13	0.83
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	13	0.83
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	13	0.83
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	1	0.83
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	1	0.83
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	1	0.83
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	1	0.83
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	1	0.83
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	1	0.83
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	12	0.83
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	12	0.83
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	12	0.83
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	12	0.83
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	12	0.83
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	12	0.83
(1,4469)	1:113:A:VAL:HG21	1:112:A:GLY:H	19	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4469)	1:113:A:VAL:HG22	1:112:A:GLY:H	19	0.82
(1,4469)	1:113:A:VAL:HG23	1:112:A:GLY:H	19	0.82
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	7	0.82
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	7	0.82
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	7	0.82
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	10	0.82
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	10	0.82
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	10	0.82
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	6	0.82
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	6	0.82
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	6	0.82
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	11	0.82
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	11	0.82
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	11	0.82
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	7	0.82
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	7	0.82
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	7	0.82
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	7	0.82
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	7	0.82
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	7	0.82
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	14	0.82
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	14	0.82
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	14	0.82
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	14	0.82
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	14	0.82
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	14	0.82
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	14	0.82
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	14	0.82
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	14	0.82
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	16	0.82
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	16	0.82
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	16	0.82
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	4	0.82
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	4	0.82
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	4	0.82
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	4	0.82
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	4	0.82
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	4	0.82
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG21	19	0.82
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG22	19	0.82
(1,2674)	1:112:A:GLY:H	1:113:A:VAL:HG23	19	0.82
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	8	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	8	0.82
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	8	0.82
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	7	0.82
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	7	0.82
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	7	0.82
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	7	0.82
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	7	0.82
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	7	0.82
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	16	0.82
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	16	0.82
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	16	0.82
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	16	0.82
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	16	0.82
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	16	0.82
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	14	0.82
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	14	0.82
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	14	0.82
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	14	0.82
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	14	0.82
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	14	0.82
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	14	0.82
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	14	0.82
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	14	0.82
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	8	0.82
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	8	0.82
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	8	0.82
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	8	0.82
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	8	0.82
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	8	0.82
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	17	0.82
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	17	0.82
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	17	0.82
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	17	0.82
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	17	0.82
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	17	0.82
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	5	0.82
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	5	0.82
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	5	0.82
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	1	0.82
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	1	0.82
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	1	0.82
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	1	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	1	0.82
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	1	0.82
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	14	0.82
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	14	0.82
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	14	0.82
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	14	0.82
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	14	0.82
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	14	0.82
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	14	0.82
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	14	0.82
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	14	0.82
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	16	0.82
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	16	0.82
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	16	0.82
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	16	0.82
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	16	0.82
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	16	0.82
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	16	0.82
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	16	0.82
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	16	0.82
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	16	0.82
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	16	0.82
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	16	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	3	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	3	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	3	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	3	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	3	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	3	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	5	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	5	0.82
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	5	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	5	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	5	0.82
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	5	0.82
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	4	0.82
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	4	0.82
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	4	0.82
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	12	0.82
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	12	0.82
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	12	0.82
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	12	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	12	0.82
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	12	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	7	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	7	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	7	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	10	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	10	0.82
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	10	0.82
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	3	0.82
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	3	0.82
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	3	0.82
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	3	0.82
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	3	0.82
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	3	0.82
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	5	0.82
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	5	0.82
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	5	0.82
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	5	0.82
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	5	0.82
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	5	0.82
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	19	0.81
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	19	0.81
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	19	0.81
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	13	0.81
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	13	0.81
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	13	0.81
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	19	0.81
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	19	0.81
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	19	0.81
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	6	0.81
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	6	0.81
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	6	0.81
(1,4024)	1:72:A:LEU:HD11	1:72:A:LEU:H	18	0.81
(1,4024)	1:72:A:LEU:HD12	1:72:A:LEU:H	18	0.81
(1,4024)	1:72:A:LEU:HD13	1:72:A:LEU:H	18	0.81
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	4	0.81
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	4	0.81
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	4	0.81
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	5	0.81
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	5	0.81
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	5	0.81
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	16	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	16	0.81
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	16	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	12	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	12	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	12	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	16	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	16	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	16	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	17	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	17	0.81
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	17	0.81
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	13	0.81
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	13	0.81
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	13	0.81
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	13	0.81
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	13	0.81
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	13	0.81
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	7	0.81
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	7	0.81
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	7	0.81
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	6	0.81
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	6	0.81
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	6	0.81
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD21	11	0.81
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD22	11	0.81
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD23	11	0.81
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD21	11	0.81
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD22	11	0.81
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD23	11	0.81
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	6	0.81
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	6	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	6	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	6	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	6	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	6	0.81
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	7	0.81
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	7	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	7	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	7	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	7	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	7	0.81
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	20	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	20	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	20	0.81
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	20	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	20	0.81
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	20	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	16	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	16	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	16	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	16	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	16	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	16	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	16	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	16	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	16	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	20	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	20	0.81
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	20	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	20	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	20	0.81
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	20	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	20	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	20	0.81
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	20	0.81
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	2	0.81
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	2	0.81
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	2	0.81
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	2	0.81
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	2	0.81
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	2	0.81
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	3	0.81
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	3	0.81
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	3	0.81
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	3	0.81
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	3	0.81
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	3	0.81
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	3	0.81
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	3	0.81
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	3	0.81
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	3	0.81
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	3	0.81
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	3	0.81
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	18	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	18	0.81
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	18	0.81
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	18	0.81
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	18	0.81
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	18	0.81
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	18	0.81
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	18	0.81
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	18	0.81
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	18	0.81
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	18	0.81
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	18	0.81
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	5	0.81
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	5	0.81
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	5	0.81
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	5	0.81
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	5	0.81
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	5	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	10	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	10	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	10	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	10	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	10	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	10	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	18	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	18	0.81
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	18	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	18	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	18	0.81
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	18	0.81
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	18	0.81
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	18	0.81
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	18	0.81
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	18	0.81
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	18	0.81
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	18	0.81
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	18	0.81
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	18	0.81
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	18	0.81
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	11	0.81
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	11	0.81
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	11	0.81
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	18	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	18	0.81
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	18	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	6	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	6	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	6	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	6	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	6	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	6	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	7	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	7	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	7	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	7	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	7	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	7	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	20	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	20	0.81
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	20	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	20	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	20	0.81
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	20	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	6	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	6	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	6	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	6	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	6	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	6	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	7	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	7	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	7	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	7	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	7	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	7	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	20	0.81
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	20	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	20	0.81
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	20	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	20	0.81
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	20	0.81
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	3	0.81
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	3	0.81
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	3	0.81
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	3	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	3	0.81
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	3	0.81
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	19	0.81
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	19	0.81
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	19	0.81
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	19	0.81
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	19	0.81
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	19	0.81
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD11	18	0.81
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD12	18	0.81
(1,776)	1:72:A:LEU:H	1:72:A:LEU:HD13	18	0.81
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	19	0.81
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	19	0.81
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	19	0.81
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	19	0.81
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	19	0.81
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	19	0.81
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	9	0.81
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	9	0.81
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	9	0.81
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	9	0.81
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	9	0.81
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	9	0.81
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	3	0.8
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	3	0.8
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	3	0.8
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	4	0.8
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	4	0.8
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	4	0.8
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	8	0.8
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	8	0.8
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	8	0.8
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	9	0.8
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	9	0.8
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	9	0.8
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	13	0.8
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	13	0.8
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	13	0.8
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	15	0.8
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	15	0.8
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	15	0.8
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	14	0.8
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	14	0.8
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	16	0.8
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	16	0.8
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	16	0.8
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	19	0.8
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	19	0.8
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	19	0.8
(1,3650)	1:32:A:LEU:HD11	1:32:A:LEU:H	20	0.8
(1,3650)	1:32:A:LEU:HD12	1:32:A:LEU:H	20	0.8
(1,3650)	1:32:A:LEU:HD13	1:32:A:LEU:H	20	0.8
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	13	0.8
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	13	0.8
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	13	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	2	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	2	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	2	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	3	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	3	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	3	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	5	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	5	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	5	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	7	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	7	0.8
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	7	0.8
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD21	1	0.8
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD22	1	0.8
(1,2837)	1:88:A:GLY:HA2	1:98:A:LEU:HD23	1	0.8
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD21	1	0.8
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD22	1	0.8
(1,2837)	1:88:A:GLY:HA3	1:98:A:LEU:HD23	1	0.8
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	1	0.8
(1,2759)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	1	0.8
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	1	0.8
(1,2759)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	1	0.8
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	1	0.8
(1,2759)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	1	0.8
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	19	0.8
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	19	0.8
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	19	0.8
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	4	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	4	0.8
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	4	0.8
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	13	0.8
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	13	0.8
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	13	0.8
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	14	0.8
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	14	0.8
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	14	0.8
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	14	0.8
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	14	0.8
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	14	0.8
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG11	13	0.8
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG12	13	0.8
(1,1980)	1:35:A:LEU:HD11	1:68:A:VAL:HG13	13	0.8
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG11	13	0.8
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG12	13	0.8
(1,1980)	1:35:A:LEU:HD12	1:68:A:VAL:HG13	13	0.8
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG11	13	0.8
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG12	13	0.8
(1,1980)	1:35:A:LEU:HD13	1:68:A:VAL:HG13	13	0.8
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	17	0.8
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	17	0.8
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	17	0.8
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	17	0.8
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	17	0.8
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	17	0.8
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	20	0.8
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	20	0.8
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	20	0.8
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	20	0.8
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	20	0.8
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	20	0.8
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA2	1	0.8
(1,1883)	1:98:A:LEU:HD21	1:88:A:GLY:HA3	1	0.8
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA2	1	0.8
(1,1883)	1:98:A:LEU:HD22	1:88:A:GLY:HA3	1	0.8
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA2	1	0.8
(1,1883)	1:98:A:LEU:HD23	1:88:A:GLY:HA3	1	0.8
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	15	0.8
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	15	0.8
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	15	0.8
(1,1740)	1:49:A:LEU:HD11	1:43:A:MET:HA	2	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1740)	1:49:A:LEU:HD12	1:43:A:MET:HA	2	0.8
(1,1740)	1:49:A:LEU:HD13	1:43:A:MET:HA	2	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	1	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	1	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	1	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	1	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	1	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	1	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	18	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	18	0.8
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	18	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	18	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	18	0.8
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	18	0.8
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	3	0.8
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	3	0.8
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	3	0.8
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	3	0.8
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	3	0.8
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	3	0.8
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	3	0.8
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	3	0.8
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	3	0.8
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD11	2	0.8
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD12	2	0.8
(1,1130)	1:43:A:MET:HA	1:49:A:LEU:HD13	2	0.8
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	17	0.8
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	17	0.8
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	17	0.8
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	17	0.8
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	17	0.8
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	17	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	8	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	8	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	8	0.8
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	8	0.8
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	8	0.8
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	8	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	14	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	14	0.8
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	14	0.8
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	14	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	14	0.8
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	14	0.8
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	14	0.8
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	14	0.8
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	14	0.8
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD11	20	0.8
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD12	20	0.8
(1,779)	1:32:A:LEU:H	1:32:A:LEU:HD13	20	0.8
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	8	0.8
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	8	0.8
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	8	0.8
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	8	0.8
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	8	0.8
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	8	0.8
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	14	0.8
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	14	0.8
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	14	0.8
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	14	0.8
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	14	0.8
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	14	0.8
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	4	0.79
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	4	0.79
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	4	0.79
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	7	0.79
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	7	0.79
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	7	0.79
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	14	0.79
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	14	0.79
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	14	0.79
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	16	0.79
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	16	0.79
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	16	0.79
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	20	0.79
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	20	0.79
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	20	0.79
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	15	0.79
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	15	0.79
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	15	0.79
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	16	0.79
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	16	0.79
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	16	0.79
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	19	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	19	0.79
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	19	0.79
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	9	0.79
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	9	0.79
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	9	0.79
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	1	0.79
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	1	0.79
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	1	0.79
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	10	0.79
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	10	0.79
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	10	0.79
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	1	0.79
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	1	0.79
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	1	0.79
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	1	0.79
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	1	0.79
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	1	0.79
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	1	0.79
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	1	0.79
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	1	0.79
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	8	0.79
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	8	0.79
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	8	0.79
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	20	0.79
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	20	0.79
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	20	0.79
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	15	0.79
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	15	0.79
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	15	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	6	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	6	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	6	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	8	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	8	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	8	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	19	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	19	0.79
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	19	0.79
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	15	0.79
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	15	0.79
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	15	0.79
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	9	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	9	0.79
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	9	0.79
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	9	0.79
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	9	0.79
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	9	0.79
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	17	0.79
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	17	0.79
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	17	0.79
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	11	0.79
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	11	0.79
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	11	0.79
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	2	0.79
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	2	0.79
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	2	0.79
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	2	0.79
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	2	0.79
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	2	0.79
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	13	0.79
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	13	0.79
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	13	0.79
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	13	0.79
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	13	0.79
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	13	0.79
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	19	0.79
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	19	0.79
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	19	0.79
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	19	0.79
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	19	0.79
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	19	0.79
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	6	0.79
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	6	0.79
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	6	0.79
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	6	0.79
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	6	0.79
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	6	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	6	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	6	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	6	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	6	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	6	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	6	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	15	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	15	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	15	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	15	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	15	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	15	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	19	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	19	0.79
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	19	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	19	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	19	0.79
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	19	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	3	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	3	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	3	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	5	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	5	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	5	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	15	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	15	0.79
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	15	0.79
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	1	0.79
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	1	0.79
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	1	0.79
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	1	0.79
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	1	0.79
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	1	0.79
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	1	0.79
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	1	0.79
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	1	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	2	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	2	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	2	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	2	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	2	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	2	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	13	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	13	0.79
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	13	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	13	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	13	0.79
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	13	0.79
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	5	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	5	0.79
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	5	0.79
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	5	0.79
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	5	0.79
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	5	0.79
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	2	0.79
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	2	0.79
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	2	0.79
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	2	0.79
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	2	0.79
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	2	0.79
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	13	0.79
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	13	0.79
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	13	0.79
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	13	0.79
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	13	0.79
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	13	0.79
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD11	11	0.79
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD12	11	0.79
(1,1164)	1:104:A:LEU:HA	1:104:A:LEU:HD13	11	0.79
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	6	0.79
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	6	0.79
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	6	0.79
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	6	0.79
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	6	0.79
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	6	0.79
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	1	0.79
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	1	0.79
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	1	0.79
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	10	0.79
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	10	0.79
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	10	0.79
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	11	0.78
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	11	0.78
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	11	0.78
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	3	0.78
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	3	0.78
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	3	0.78
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	13	0.78
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	13	0.78
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	13	0.78
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	10	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	10	0.78
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	10	0.78
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	11	0.78
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	11	0.78
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	11	0.78
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	12	0.78
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	12	0.78
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	12	0.78
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	12	0.78
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	12	0.78
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	12	0.78
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	3	0.78
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	3	0.78
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	3	0.78
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	15	0.78
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	15	0.78
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	15	0.78
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	10	0.78
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	10	0.78
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	10	0.78
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	7	0.78
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	7	0.78
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	7	0.78
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	7	0.78
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	7	0.78
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	7	0.78
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	10	0.78
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	10	0.78
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	10	0.78
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	3	0.78
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	3	0.78
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	3	0.78
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	3	0.78
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	3	0.78
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	3	0.78
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	3	0.78
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	3	0.78
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	3	0.78
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	3	0.78
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	3	0.78
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	3	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	1	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	1	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	1	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	1	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	1	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	1	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	7	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	7	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	7	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	7	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	7	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	7	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	8	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	8	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	8	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	8	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	8	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	8	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	9	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	9	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	9	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	9	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	9	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	9	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	12	0.78
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	12	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	12	0.78
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	12	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	12	0.78
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	12	0.78
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	10	0.78
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	10	0.78
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	10	0.78
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	4	0.78
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	4	0.78
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	4	0.78
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	4	0.78
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	4	0.78
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	4	0.78
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD2	11	0.78
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD3	11	0.78
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD2	11	0.78
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD3	11	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD2	11	0.78
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD3	11	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	2	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	2	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	2	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	2	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	2	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	2	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	5	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	5	0.78
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	5	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	5	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	5	0.78
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	5	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	4	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	4	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	4	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	7	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	7	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	7	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	9	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	9	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	9	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	10	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	10	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	10	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	14	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	14	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	14	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	19	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	19	0.78
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	19	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	3	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	3	0.78
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	3	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	3	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	3	0.78
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	3	0.78
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	3	0.78
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	3	0.78
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	3	0.78
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	3	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	3	0.78
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	3	0.78
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	4	0.78
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	4	0.78
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	4	0.78
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	4	0.78
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	4	0.78
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	4	0.78
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG11	2	0.78
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG12	2	0.78
(1,897)	1:115:A:PHE:HD1	1:113:A:VAL:HG13	2	0.78
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG11	2	0.78
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG12	2	0.78
(1,897)	1:115:A:PHE:HD2	1:113:A:VAL:HG13	2	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	15	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	15	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	15	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	18	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	18	0.78
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	18	0.78
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD1	2	0.78
(1,139)	1:113:A:VAL:HG11	1:115:A:PHE:HD2	2	0.78
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD1	2	0.78
(1,139)	1:113:A:VAL:HG12	1:115:A:PHE:HD2	2	0.78
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD1	2	0.78
(1,139)	1:113:A:VAL:HG13	1:115:A:PHE:HD2	2	0.78
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	5	0.77
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	5	0.77
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	5	0.77
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	18	0.77
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	18	0.77
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	18	0.77
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	19	0.77
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	19	0.77
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	19	0.77
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	14	0.77
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	14	0.77
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	14	0.77
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	7	0.77
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	7	0.77
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	7	0.77
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	2	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	2	0.77
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	2	0.77
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	4	0.77
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	4	0.77
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	4	0.77
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	7	0.77
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	7	0.77
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	7	0.77
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	16	0.77
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	16	0.77
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	16	0.77
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	16	0.77
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	16	0.77
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	16	0.77
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	16	0.77
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	16	0.77
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	16	0.77
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	4	0.77
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	4	0.77
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	4	0.77
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	17	0.77
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	17	0.77
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	17	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	1	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	1	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	1	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	4	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	4	0.77
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	4	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	6	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	6	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	6	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	6	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	6	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	6	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	11	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	11	0.77
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	11	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	11	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	11	0.77
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	11	0.77
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	11	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	11	0.77
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	11	0.77
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	11	0.77
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	11	0.77
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	11	0.77
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	16	0.77
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	16	0.77
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	16	0.77
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	1	0.77
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	1	0.77
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	1	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	1	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	1	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	1	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	1	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	1	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	1	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	4	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	4	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	4	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	4	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	4	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	4	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	8	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	8	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	8	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	8	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	8	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	8	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	12	0.77
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	12	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	12	0.77
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	12	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	12	0.77
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	12	0.77
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	3	0.77
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	3	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	3	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	3	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	3	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	3	0.77
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	13	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	13	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	13	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	13	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	13	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	13	0.77
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	17	0.77
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	17	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	17	0.77
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	17	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	17	0.77
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	17	0.77
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	18	0.77
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	18	0.77
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	18	0.77
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	18	0.77
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	18	0.77
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	18	0.77
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	9	0.77
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	9	0.77
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	9	0.77
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	9	0.77
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	9	0.77
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	9	0.77
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	9	0.77
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	9	0.77
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	9	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	4	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	4	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	4	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	4	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	4	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	4	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	7	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	7	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	7	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	7	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	7	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	7	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	9	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	9	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	9	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	9	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	9	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	9	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	10	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	10	0.77
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	10	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	10	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	10	0.77
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	10	0.77
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	9	0.77
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	9	0.77
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	9	0.77
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	9	0.77
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	9	0.77
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	9	0.77
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	9	0.77
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	9	0.77
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	9	0.77
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	6	0.77
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	6	0.77
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	6	0.77
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	16	0.77
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	16	0.77
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	16	0.77
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	16	0.77
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	16	0.77
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	16	0.77
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	16	0.77
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	16	0.77
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	16	0.77
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	19	0.77
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	19	0.77
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	19	0.77
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	19	0.77
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	19	0.77
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	19	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	1	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	1	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	1	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	1	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	1	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	1	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	4	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	4	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	4	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	4	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	4	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	4	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	8	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	8	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	8	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	8	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	8	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	8	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	12	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	12	0.77
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	12	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	12	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	12	0.77
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	12	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	1	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	1	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	1	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	1	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	1	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	1	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	4	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	4	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	4	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	4	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	4	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	4	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	8	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	8	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	8	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	8	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	8	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	8	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	12	0.77
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	12	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	12	0.77
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	12	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	12	0.77
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	12	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	3	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	3	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	3	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	9	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	9	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	9	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	13	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	13	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	13	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	14	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	14	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	14	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	19	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	19	0.77
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	19	0.77
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	2	0.77
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	2	0.77
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	2	0.77
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	4	0.77
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	4	0.77
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	4	0.77
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	7	0.77
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	7	0.77
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	7	0.77
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	12	0.77
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	12	0.77
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	12	0.77
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	20	0.76
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	20	0.76
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	20	0.76
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	15	0.76
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	15	0.76
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	15	0.76
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	20	0.76
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	20	0.76
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	20	0.76
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	5	0.76
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	5	0.76
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	5	0.76
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	10	0.76
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	10	0.76
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	10	0.76
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	8	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	8	0.76
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	8	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	8	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	8	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	8	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	8	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	8	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	8	0.76
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	13	0.76
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	13	0.76
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	13	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	13	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	13	0.76
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	13	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	13	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	13	0.76
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	13	0.76
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	9	0.76
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	9	0.76
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	9	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	14	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	14	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	14	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD11	20	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD12	20	0.76
(1,2878)	1:105:A:HIS:HA	1:104:A:LEU:HD13	20	0.76
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	20	0.76
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	20	0.76
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	20	0.76
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	16	0.76
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	16	0.76
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	16	0.76
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	1	0.76
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	1	0.76
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	1	0.76
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	3	0.76
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	3	0.76
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	3	0.76
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	12	0.76
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	12	0.76
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	12	0.76
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	12	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	12	0.76
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	12	0.76
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	11	0.76
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	11	0.76
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	11	0.76
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	11	0.76
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	11	0.76
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	11	0.76
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	20	0.76
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	20	0.76
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	20	0.76
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	20	0.76
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	20	0.76
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	20	0.76
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	10	0.76
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	10	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	10	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	10	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	10	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	10	0.76
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	16	0.76
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	16	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	16	0.76
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	16	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	16	0.76
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	16	0.76
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	14	0.76
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	14	0.76
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	14	0.76
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	14	0.76
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	14	0.76
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	14	0.76
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD2	20	0.76
(1,1892)	1:32:A:LEU:HD11	1:22:A:ARG:HD3	20	0.76
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD2	20	0.76
(1,1892)	1:32:A:LEU:HD12	1:22:A:ARG:HD3	20	0.76
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD2	20	0.76
(1,1892)	1:32:A:LEU:HD13	1:22:A:ARG:HD3	20	0.76
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	3	0.76
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	3	0.76
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	3	0.76
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	3	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	3	0.76
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	3	0.76
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	19	0.76
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	19	0.76
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	19	0.76
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	19	0.76
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	19	0.76
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	19	0.76
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD11	4	0.76
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD12	4	0.76
(1,1529)	1:162:A:GLU:HB2	1:165:A:LEU:HD13	4	0.76
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD11	4	0.76
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD12	4	0.76
(1,1529)	1:162:A:GLU:HB3	1:165:A:LEU:HD13	4	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	8	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	8	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	8	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	16	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	16	0.76
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	16	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	8	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	8	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	8	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	8	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	8	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	8	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	8	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	8	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	8	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	13	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	13	0.76
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	13	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	13	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	13	0.76
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	13	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	13	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	13	0.76
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	13	0.76
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	18	0.76
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	18	0.76
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	18	0.76
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	18	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	18	0.76
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	18	0.76
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	14	0.76
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	14	0.76
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	14	0.76
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	14	0.76
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	14	0.76
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	14	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	15	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	15	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	15	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	20	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	20	0.76
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	20	0.76
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	17	0.76
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	17	0.76
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	17	0.76
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	20	0.76
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	20	0.76
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	20	0.76
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	2	0.76
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	2	0.76
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	2	0.76
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	9	0.75
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	9	0.75
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	9	0.75
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	9	0.75
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	9	0.75
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	9	0.75
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	6	0.75
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	6	0.75
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	6	0.75
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	17	0.75
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	17	0.75
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	17	0.75
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	5	0.75
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	5	0.75
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	5	0.75
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	17	0.75
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	17	0.75
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	17	0.75
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	8	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	8	0.75
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	8	0.75
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	4	0.75
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	4	0.75
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	4	0.75
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	4	0.75
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	4	0.75
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	4	0.75
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	4	0.75
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	4	0.75
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	4	0.75
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	9	0.75
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	9	0.75
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	9	0.75
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	14	0.75
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	14	0.75
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	14	0.75
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	13	0.75
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	13	0.75
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	13	0.75
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG21	11	0.75
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG22	11	0.75
(1,2466)	1:3:A:MET:HA	1:48:A:VAL:HG23	11	0.75
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	17	0.75
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	17	0.75
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	17	0.75
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	17	0.75
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	17	0.75
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	17	0.75
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	17	0.75
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	17	0.75
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	17	0.75
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	17	0.75
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	17	0.75
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	17	0.75
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	2	0.75
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	2	0.75
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	2	0.75
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	2	0.75
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	2	0.75
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	2	0.75
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	20	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	20	0.75
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	20	0.75
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	20	0.75
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	20	0.75
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	20	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	9	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	9	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	9	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	9	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	9	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	9	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	15	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	15	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	15	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	15	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	15	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	15	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	19	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	19	0.75
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	19	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	19	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	19	0.75
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	19	0.75
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	7	0.75
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	7	0.75
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	7	0.75
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	7	0.75
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	7	0.75
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	7	0.75
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	1	0.75
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	1	0.75
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	1	0.75
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	19	0.75
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	19	0.75
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	19	0.75
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	19	0.75
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	19	0.75
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	19	0.75
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	19	0.75
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	19	0.75
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	19	0.75
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	8	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	8	0.75
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	8	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	8	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	8	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	8	0.75
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	14	0.75
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	14	0.75
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	14	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	14	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	14	0.75
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	14	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	10	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	10	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	10	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	15	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	15	0.75
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	15	0.75
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	19	0.75
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	19	0.75
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	19	0.75
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	19	0.75
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	19	0.75
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	19	0.75
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	19	0.75
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	19	0.75
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	19	0.75
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	13	0.75
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	13	0.75
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	13	0.75
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	4	0.75
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	4	0.75
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	4	0.75
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	4	0.75
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	4	0.75
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	4	0.75
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	4	0.75
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	4	0.75
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	4	0.75
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	17	0.75
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	17	0.75
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	17	0.75
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	17	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	17	0.75
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	17	0.75
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	17	0.75
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	17	0.75
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	17	0.75
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	17	0.75
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	17	0.75
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	17	0.75
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	1	0.75
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	1	0.75
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	1	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	9	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	9	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	9	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	9	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	9	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	9	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	15	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	15	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	15	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	15	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	15	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	15	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	19	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	19	0.75
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	19	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	19	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	19	0.75
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	19	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	1	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	1	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	1	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	6	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	6	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	6	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	7	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	7	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	7	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	8	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	8	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	8	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	11	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	11	0.75
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	11	0.75
(1,855)	1:65:A:TRP:HH2	1:104:A:LEU:HD11	9	0.75
(1,855)	1:65:A:TRP:HH2	1:104:A:LEU:HD12	9	0.75
(1,855)	1:65:A:TRP:HH2	1:104:A:LEU:HD13	9	0.75
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	5	0.75
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	5	0.75
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	5	0.75
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD21	11	0.75
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD22	11	0.75
(1,763)	1:105:A:HIS:H	1:84:A:LEU:HD23	11	0.75
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	8	0.75
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	8	0.75
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	8	0.75
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	11	0.75
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	11	0.75
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	11	0.75
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	8	0.74
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	8	0.74
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	8	0.74
(1,4891)	1:144:A:LEU:HD11	1:157:A:ILE:H	10	0.74
(1,4891)	1:144:A:LEU:HD12	1:157:A:ILE:H	10	0.74
(1,4891)	1:144:A:LEU:HD13	1:157:A:ILE:H	10	0.74
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	2	0.74
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	2	0.74
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	2	0.74
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	12	0.74
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	12	0.74
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	12	0.74
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	4	0.74
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	4	0.74
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	4	0.74
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	8	0.74
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	8	0.74
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	8	0.74
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	10	0.74
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	10	0.74
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	10	0.74
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	14	0.74
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	14	0.74
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	14	0.74
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	14	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	14	0.74
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	14	0.74
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	7	0.74
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	7	0.74
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	7	0.74
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	12	0.74
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	12	0.74
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	12	0.74
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	18	0.74
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	18	0.74
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	18	0.74
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	11	0.74
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	11	0.74
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	11	0.74
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	19	0.74
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	19	0.74
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	19	0.74
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	8	0.74
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	8	0.74
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	8	0.74
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	16	0.74
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	16	0.74
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	16	0.74
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	13	0.74
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	13	0.74
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	13	0.74
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	11	0.74
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	11	0.74
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	11	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	3	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	3	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	3	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	12	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	12	0.74
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	12	0.74
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	8	0.74
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	8	0.74
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	8	0.74
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	1	0.74
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	1	0.74
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	1	0.74
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	1	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	1	0.74
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	1	0.74
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	6	0.74
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	6	0.74
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	6	0.74
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	6	0.74
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	6	0.74
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	6	0.74
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	16	0.74
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	16	0.74
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	16	0.74
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	16	0.74
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	16	0.74
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	16	0.74
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	13	0.74
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	13	0.74
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	13	0.74
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	13	0.74
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	13	0.74
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	13	0.74
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	10	0.74
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	10	0.74
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	10	0.74
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	10	0.74
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	10	0.74
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	10	0.74
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	10	0.74
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	13	0.74
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	13	0.74
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	13	0.74
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	13	0.74
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	13	0.74
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	13	0.74
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	13	0.74
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	13	0.74
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	13	0.74
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	12	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	12	0.74
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	12	0.74
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	12	0.74
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	12	0.74
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	12	0.74
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	2	0.74
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	2	0.74
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	2	0.74
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	2	0.74
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	2	0.74
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	2	0.74
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	13	0.74
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	13	0.74
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	13	0.74
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	13	0.74
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	13	0.74
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	13	0.74
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	13	0.74
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	13	0.74
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	13	0.74
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	16	0.74
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	16	0.74
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	16	0.74
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	16	0.74
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	16	0.74
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	16	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	5	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	5	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	5	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	15	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	15	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	15	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	18	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	18	0.74
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	18	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	4	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	4	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	4	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	8	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	8	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	8	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	10	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	10	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	10	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	14	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	14	0.74
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	14	0.74
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD11	10	0.74
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD12	10	0.74
(1,839)	1:157:A:ILE:H	1:144:A:LEU:HD13	10	0.74
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	14	0.74
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	14	0.74
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	14	0.74
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	17	0.74
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	17	0.74
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	17	0.74
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	1	0.73
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	1	0.73
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	1	0.73
(1,4594)	1:35:A:LEU:HD21	1:68:A:VAL:H	11	0.73
(1,4594)	1:35:A:LEU:HD22	1:68:A:VAL:H	11	0.73
(1,4594)	1:35:A:LEU:HD23	1:68:A:VAL:H	11	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	1	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	1	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	1	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	2	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	2	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	2	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	3	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	3	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	3	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	13	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	13	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	13	0.73
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	19	0.73
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	19	0.73
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	19	0.73
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	2	0.73
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	2	0.73
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	2	0.73
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	4	0.73
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	4	0.73
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	4	0.73
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	8	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	8	0.73
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	8	0.73
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	18	0.73
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	18	0.73
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	18	0.73
(1,4004)	1:72:A:LEU:HD11	1:71:A:GLN:H	18	0.73
(1,4004)	1:72:A:LEU:HD12	1:71:A:GLN:H	18	0.73
(1,4004)	1:72:A:LEU:HD13	1:71:A:GLN:H	18	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	17	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	17	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	17	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	17	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	17	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	17	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	17	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	17	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	17	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	18	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	18	0.73
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	18	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	18	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	18	0.73
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	18	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	18	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	18	0.73
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	18	0.73
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	10	0.73
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	10	0.73
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	10	0.73
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	15	0.73
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	15	0.73
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	15	0.73
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	19	0.73
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	19	0.73
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	19	0.73
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	19	0.73
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	19	0.73
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	19	0.73
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	16	0.73
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	16	0.73
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	16	0.73
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	9	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	9	0.73
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	9	0.73
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	15	0.73
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	15	0.73
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	15	0.73
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	15	0.73
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	15	0.73
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	15	0.73
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD11	16	0.73
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD12	16	0.73
(1,2352)	1:40:A:PRO:HD2	1:35:A:LEU:HD13	16	0.73
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD11	16	0.73
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD12	16	0.73
(1,2352)	1:40:A:PRO:HD3	1:35:A:LEU:HD13	16	0.73
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	19	0.73
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	19	0.73
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	19	0.73
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	19	0.73
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	19	0.73
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	19	0.73
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	18	0.73
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	18	0.73
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	18	0.73
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	18	0.73
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	18	0.73
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	18	0.73
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	5	0.73
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	5	0.73
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	5	0.73
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	5	0.73
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	5	0.73
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	5	0.73
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	5	0.73
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	5	0.73
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	5	0.73
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	18	0.73
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	18	0.73
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	18	0.73
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	18	0.73
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	18	0.73
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	18	0.73
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	7	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	7	0.73
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	7	0.73
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	13	0.73
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	13	0.73
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	13	0.73
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG21	16	0.73
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG22	16	0.73
(1,1541)	1:22:A:ARG:HG2	1:30:A:VAL:HG23	16	0.73
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG21	16	0.73
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG22	16	0.73
(1,1541)	1:22:A:ARG:HG3	1:30:A:VAL:HG23	16	0.73
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD11	20	0.73
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD12	20	0.73
(1,1540)	1:108:A:LEU:HG	1:104:A:LEU:HD13	20	0.73
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	4	0.73
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	4	0.73
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	4	0.73
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	4	0.73
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	4	0.73
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	4	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	17	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	17	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	17	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	17	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	17	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	17	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	17	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	17	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	17	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	18	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	18	0.73
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	18	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	18	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	18	0.73
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	18	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	18	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	18	0.73
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	18	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	8	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	8	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	8	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	8	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	8	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	8	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	10	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	10	0.73
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	10	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	10	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	10	0.73
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	10	0.73
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	19	0.73
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	19	0.73
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	19	0.73
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	19	0.73
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	19	0.73
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	19	0.73
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	19	0.73
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	19	0.73
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	19	0.73
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	19	0.73
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	19	0.73
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	19	0.73
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	7	0.73
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	7	0.73
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	7	0.73
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	18	0.73
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	18	0.73
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	18	0.73
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	18	0.73
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	18	0.73
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	18	0.73
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	2	0.73
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	2	0.73
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	2	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	1	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	1	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	1	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	2	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	2	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	2	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	3	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	3	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	3	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	13	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	13	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	13	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	19	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	19	0.73
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	19	0.73
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD21	12	0.73
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD22	12	0.73
(1,850)	1:65:A:TRP:HE3	1:72:A:LEU:HD23	12	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	2	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	2	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	2	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	4	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	4	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	4	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	8	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	8	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	8	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	18	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	18	0.73
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	18	0.73
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	20	0.72
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	20	0.72
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	20	0.72
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	6	0.72
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	6	0.72
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	6	0.72
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	7	0.72
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	7	0.72
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	7	0.72
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	16	0.72
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	16	0.72
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	16	0.72
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	5	0.72
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	5	0.72
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	5	0.72
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	12	0.72
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	12	0.72
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	12	0.72
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	17	0.72
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	17	0.72
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	17	0.72
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	20	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	20	0.72
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	20	0.72
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	13	0.72
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	13	0.72
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	13	0.72
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	6	0.72
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	6	0.72
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	6	0.72
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	19	0.72
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	19	0.72
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	19	0.72
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	20	0.72
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	20	0.72
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	20	0.72
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	20	0.72
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	20	0.72
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	20	0.72
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	20	0.72
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	20	0.72
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	20	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	2	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	2	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	2	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	20	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	20	0.72
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	20	0.72
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	20	0.72
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	20	0.72
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	20	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	6	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	6	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	6	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	6	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	6	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	6	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	15	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	15	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	15	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	15	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	15	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	15	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	18	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	18	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	18	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	18	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	18	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	18	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	19	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	19	0.72
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	19	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	19	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	19	0.72
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	19	0.72
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD11	14	0.72
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD12	14	0.72
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD13	14	0.72
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	5	0.72
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	5	0.72
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	5	0.72
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	5	0.72
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	5	0.72
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	5	0.72
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	10	0.72
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	10	0.72
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	10	0.72
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	10	0.72
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	10	0.72
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	10	0.72
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	20	0.72
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	20	0.72
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	20	0.72
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	20	0.72
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	20	0.72
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	20	0.72
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	20	0.72
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	20	0.72
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	20	0.72
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	7	0.72
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	7	0.72
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	7	0.72
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	7	0.72
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	7	0.72
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	7	0.72
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	4	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	4	0.72
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	4	0.72
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	17	0.72
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	17	0.72
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	17	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	6	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	6	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	6	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	7	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	7	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	7	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	16	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	16	0.72
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	16	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	5	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	5	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	5	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	12	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	12	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	12	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	17	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	17	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	17	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	20	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	20	0.72
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	20	0.72
(1,389)	1:96:A:TRP:HD1	1:96:A:TRP:HA	3	0.72
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	6	0.72
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	6	0.72
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	6	0.72
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	19	0.72
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	19	0.72
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	19	0.72
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	3	0.72
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	3	0.72
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	3	0.72
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	8	0.72
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	8	0.72
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	8	0.72
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	16	0.72
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	16	0.72
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	16	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	19	0.72
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	19	0.72
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	19	0.72
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	17	0.71
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	17	0.71
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	17	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	1	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	1	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	1	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	10	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	10	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	10	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	11	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	11	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	11	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	16	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	16	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	16	0.71
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	19	0.71
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	19	0.71
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	19	0.71
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	8	0.71
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	8	0.71
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	8	0.71
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	8	0.71
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	8	0.71
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	8	0.71
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	3	0.71
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	3	0.71
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	3	0.71
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	14	0.71
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	14	0.71
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	14	0.71
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	3	0.71
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	3	0.71
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	3	0.71
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	14	0.71
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	14	0.71
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	14	0.71
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	16	0.71
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	16	0.71
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	16	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	18	0.71
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	18	0.71
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	18	0.71
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	15	0.71
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	15	0.71
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	15	0.71
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	14	0.71
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	14	0.71
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	14	0.71
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	20	0.71
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	20	0.71
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	20	0.71
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	20	0.71
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	20	0.71
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	20	0.71
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	5	0.71
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	5	0.71
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	5	0.71
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	5	0.71
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	5	0.71
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	5	0.71
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	4	0.71
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	4	0.71
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	4	0.71
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	4	0.71
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	4	0.71
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	4	0.71
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	2	0.71
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	2	0.71
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	2	0.71
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	17	0.71
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	17	0.71
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	17	0.71
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	10	0.71
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	10	0.71
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	10	0.71
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	10	0.71
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	10	0.71
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	10	0.71
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	10	0.71
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	10	0.71
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	10	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	3	0.71
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	3	0.71
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	3	0.71
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	3	0.71
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	3	0.71
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	3	0.71
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	1	0.71
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	1	0.71
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	1	0.71
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	1	0.71
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	1	0.71
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	1	0.71
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	1	0.71
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	1	0.71
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	1	0.71
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	1	0.71
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	1	0.71
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	1	0.71
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	1	0.71
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	1	0.71
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	1	0.71
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	1	0.71
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	1	0.71
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	1	0.71
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	12	0.71
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	12	0.71
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	12	0.71
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	12	0.71
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	12	0.71
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	12	0.71
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	3	0.71
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	3	0.71
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	3	0.71
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	3	0.71
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	3	0.71
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	3	0.71
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	8	0.71
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	8	0.71
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	8	0.71
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	17	0.71
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	17	0.71
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	17	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	1	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	1	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	1	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	10	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	10	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	10	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	11	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	11	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	11	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	16	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	16	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	16	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	19	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	19	0.71
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	19	0.71
(1,389)	1:96:A:TRP:HD1	1:96:A:TRP:HA	6	0.71
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	3	0.71
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	3	0.71
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	3	0.71
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	14	0.71
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	14	0.71
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	14	0.71
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	16	0.71
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	16	0.71
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	16	0.71
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	9	0.71
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	9	0.71
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	9	0.71
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	12	0.7
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	12	0.7
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	12	0.7
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	3	0.7
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	3	0.7
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	3	0.7
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	6	0.7
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	6	0.7
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	6	0.7
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	7	0.7
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	7	0.7
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	7	0.7
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	9	0.7
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	9	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	9	0.7
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	13	0.7
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	13	0.7
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	13	0.7
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	1	0.7
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	1	0.7
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	1	0.7
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	2	0.7
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	2	0.7
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	2	0.7
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	9	0.7
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	9	0.7
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	9	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	9	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	9	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	9	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	9	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	9	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	9	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	9	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	9	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	9	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	10	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	10	0.7
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	10	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	10	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	10	0.7
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	10	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	10	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	10	0.7
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	10	0.7
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	18	0.7
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	18	0.7
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	18	0.7
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	9	0.7
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	9	0.7
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	9	0.7
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	10	0.7
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	10	0.7
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	10	0.7
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	15	0.7
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	15	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	15	0.7
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	11	0.7
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	11	0.7
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	11	0.7
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	8	0.7
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	8	0.7
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	8	0.7
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	8	0.7
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	8	0.7
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	8	0.7
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	14	0.7
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	14	0.7
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	14	0.7
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	14	0.7
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	14	0.7
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	14	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	2	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	2	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	2	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	2	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	2	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	2	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	4	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	4	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	4	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	4	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	4	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	4	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	7	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	7	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	7	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	7	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	7	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	7	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	9	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	9	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	9	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	9	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	9	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	9	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	10	0.7
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	10	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	10	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	10	0.7
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	10	0.7
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	20	0.7
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	20	0.7
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	20	0.7
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	20	0.7
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	20	0.7
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	20	0.7
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	20	0.7
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	20	0.7
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	20	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	3	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	3	0.7
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	3	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	3	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	3	0.7
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	3	0.7
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	3	0.7
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	3	0.7
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	3	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	3	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	3	0.7
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	3	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	3	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	3	0.7
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	3	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	3	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	3	0.7
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	3	0.7
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	9	0.7
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	9	0.7
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	9	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	9	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	9	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	9	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	9	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	9	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	9	0.7
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	10	0.7
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	10	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	10	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	10	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	10	0.7
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	10	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	10	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	10	0.7
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	10	0.7
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	14	0.7
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	14	0.7
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	14	0.7
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	14	0.7
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	14	0.7
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	14	0.7
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	14	0.7
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	14	0.7
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	14	0.7
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	14	0.7
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	14	0.7
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	14	0.7
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	4	0.7
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	4	0.7
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	4	0.7
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	1	0.7
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	1	0.7
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	1	0.7
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	1	0.7
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	1	0.7
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	1	0.7
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	20	0.7
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	20	0.7
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	20	0.7
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	20	0.7
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	20	0.7
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	20	0.7
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD21	12	0.7
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD22	12	0.7
(1,859)	1:42:A:LEU:H	1:42:A:LEU:HD23	12	0.7
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	12	0.7
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	12	0.7
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	12	0.7
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	3	0.7
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	3	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	3	0.7
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	3	0.7
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	3	0.7
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	3	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	3	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	3	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	3	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	6	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	6	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	6	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	7	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	7	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	7	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	9	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	9	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	9	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	13	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	13	0.7
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	13	0.7
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	5	0.7
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	5	0.7
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	5	0.7
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	6	0.7
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	6	0.7
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	6	0.7
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	10	0.69
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	10	0.69
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	10	0.69
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	5	0.69
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	5	0.69
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	5	0.69
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	5	0.69
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	5	0.69
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	5	0.69
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	5	0.69
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	5	0.69
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	5	0.69
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	15	0.69
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	15	0.69
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	15	0.69
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	14	0.69
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	14	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	14	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	1	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	1	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	1	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	17	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	17	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	17	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	20	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	20	0.69
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	20	0.69
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	3	0.69
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	3	0.69
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	3	0.69
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	3	0.69
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	3	0.69
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	3	0.69
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	7	0.69
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	7	0.69
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	7	0.69
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	7	0.69
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	7	0.69
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	7	0.69
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	18	0.69
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	18	0.69
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	18	0.69
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	18	0.69
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	18	0.69
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	18	0.69
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	1	0.69
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	1	0.69
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	1	0.69
(1,1683)	1:113:A:VAL:HG11	1:109:A:SER:HA	7	0.69
(1,1683)	1:113:A:VAL:HG12	1:109:A:SER:HA	7	0.69
(1,1683)	1:113:A:VAL:HG13	1:109:A:SER:HA	7	0.69
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	5	0.69
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	5	0.69
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	5	0.69
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	5	0.69
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	5	0.69
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	5	0.69
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	5	0.69
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	5	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	5	0.69
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	5	0.69
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	5	0.69
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	5	0.69
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	5	0.69
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	5	0.69
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	5	0.69
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	5	0.69
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	5	0.69
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	5	0.69
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	18	0.69
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	18	0.69
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	18	0.69
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	4	0.68
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	4	0.68
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	4	0.68
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	4	0.68
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	4	0.68
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	4	0.68
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	4	0.68
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	4	0.68
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	4	0.68
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	8	0.68
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	8	0.68
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	8	0.68
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	15	0.68
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	15	0.68
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	15	0.68
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	15	0.68
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	15	0.68
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	15	0.68
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	15	0.68
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	15	0.68
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	15	0.68
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	5	0.68
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	5	0.68
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	5	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	7	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	7	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	7	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	10	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	10	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	10	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	14	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	14	0.68
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	14	0.68
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	9	0.68
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	9	0.68
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	9	0.68
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	10	0.68
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	10	0.68
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	10	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	4	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	4	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	4	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	5	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	5	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	5	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	12	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	12	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	12	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	13	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	13	0.68
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	13	0.68
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	5	0.68
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	5	0.68
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	5	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	4	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	4	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	4	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	9	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	9	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	9	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	10	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	10	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	10	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	13	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	13	0.68
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	13	0.68
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG21	11	0.68
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG22	11	0.68
(1,2589)	1:41:A:LYS:H	1:68:A:VAL:HG23	11	0.68
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	2	0.68
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	2	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	2	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	2	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	2	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	2	0.68
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	17	0.68
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	17	0.68
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	17	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	17	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	17	0.68
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	17	0.68
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD21	16	0.68
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD22	16	0.68
(1,2415)	1:43:A:MET:H	1:42:A:LEU:HD23	16	0.68
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	14	0.68
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	14	0.68
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	14	0.68
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	14	0.68
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	14	0.68
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	14	0.68
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	19	0.68
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	19	0.68
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	19	0.68
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	19	0.68
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	19	0.68
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	19	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	7	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	7	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	7	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	7	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	7	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	7	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	10	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	10	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	10	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	10	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	10	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	10	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	12	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	12	0.68
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	12	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	12	0.68
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	12	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	12	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	12	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	12	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	12	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	12	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	12	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	12	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	13	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	13	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	13	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	13	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	13	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	13	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	15	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	15	0.68
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	15	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	15	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	15	0.68
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	15	0.68
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	15	0.68
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	15	0.68
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	15	0.68
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	15	0.68
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	15	0.68
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	15	0.68
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	15	0.68
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	15	0.68
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	15	0.68
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	17	0.68
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	17	0.68
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	17	0.68
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	17	0.68
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	17	0.68
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	17	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	7	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	7	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	7	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	7	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	7	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	7	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	10	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	10	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	10	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	10	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	10	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	10	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	12	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	12	0.68
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	12	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	12	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	12	0.68
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	12	0.68
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	4	0.68
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	4	0.68
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	4	0.68
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	6	0.67
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	6	0.67
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	6	0.67
(1,4335)	1:101:A:LEU:HD21	1:101:A:LEU:H	15	0.67
(1,4335)	1:101:A:LEU:HD22	1:101:A:LEU:H	15	0.67
(1,4335)	1:101:A:LEU:HD23	1:101:A:LEU:H	15	0.67
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	17	0.67
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	17	0.67
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	17	0.67
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	19	0.67
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	19	0.67
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	19	0.67
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	10	0.67
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	10	0.67
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	10	0.67
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	10	0.67
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	10	0.67
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	10	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	6	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	6	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	6	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	14	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	14	0.67
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	14	0.67
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	6	0.67
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	6	0.67
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	6	0.67
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	1	0.67
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	1	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	1	0.67
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	1	0.67
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	1	0.67
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	1	0.67
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	15	0.67
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	15	0.67
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	15	0.67
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	8	0.67
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	8	0.67
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	8	0.67
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	8	0.67
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	8	0.67
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	8	0.67
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	7	0.67
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	7	0.67
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	7	0.67
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	7	0.67
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	7	0.67
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	7	0.67
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	7	0.67
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	7	0.67
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	7	0.67
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	4	0.67
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	4	0.67
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	4	0.67
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	4	0.67
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	4	0.67
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	4	0.67
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	4	0.67
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	4	0.67
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	4	0.67
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	1	0.67
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	1	0.67
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	1	0.67
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	1	0.67
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	1	0.67
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	1	0.67
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	4	0.67
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	4	0.67
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	4	0.67
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	4	0.67
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	4	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	4	0.67
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	4	0.67
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	4	0.67
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	4	0.67
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	1	0.67
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	1	0.67
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	1	0.67
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	15	0.67
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	15	0.67
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	15	0.67
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	13	0.67
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	13	0.67
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	13	0.67
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	13	0.67
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	13	0.67
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	13	0.67
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	4	0.67
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	4	0.67
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	4	0.67
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	19	0.67
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	19	0.67
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	19	0.67
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD21	15	0.67
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD22	15	0.67
(1,777)	1:101:A:LEU:H	1:101:A:LEU:HD23	15	0.67
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	7	0.67
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	7	0.67
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	7	0.67
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	15	0.67
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	15	0.67
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	15	0.67
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	14	0.66
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	14	0.66
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	14	0.66
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	12	0.66
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	12	0.66
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	12	0.66
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	5	0.66
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	5	0.66
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	5	0.66
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	12	0.66
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	12	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	12	0.66
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	17	0.66
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	17	0.66
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	17	0.66
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	13	0.66
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	13	0.66
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	13	0.66
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	10	0.66
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	10	0.66
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	10	0.66
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	5	0.66
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	5	0.66
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	5	0.66
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	5	0.66
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	5	0.66
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	5	0.66
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	5	0.66
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	5	0.66
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	5	0.66
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	10	0.66
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	10	0.66
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	10	0.66
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	19	0.66
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	19	0.66
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	19	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	6	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	6	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	6	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	7	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	7	0.66
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	7	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	7	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	7	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	7	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	8	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	8	0.66
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	8	0.66
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	4	0.66
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	4	0.66
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	4	0.66
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	19	0.66
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	19	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	19	0.66
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	20	0.66
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	20	0.66
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	20	0.66
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	20	0.66
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	20	0.66
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	20	0.66
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	14	0.66
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	14	0.66
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	14	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	12	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	12	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	12	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	12	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	12	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	12	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	16	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	16	0.66
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	16	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	16	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	16	0.66
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	16	0.66
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	15	0.66
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	15	0.66
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	15	0.66
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	15	0.66
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	15	0.66
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	15	0.66
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	15	0.66
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	15	0.66
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	15	0.66
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	15	0.66
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	15	0.66
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	15	0.66
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	15	0.66
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	6	0.66
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	6	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	6	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	6	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	6	0.66
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	6	0.66
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	5	0.66
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	5	0.66
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	5	0.66
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	5	0.66
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	5	0.66
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	5	0.66
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	5	0.66
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	5	0.66
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	5	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	9	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	9	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	9	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	9	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	9	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	9	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	14	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	14	0.66
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	14	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	14	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	14	0.66
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	14	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	5	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	5	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	5	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	12	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	12	0.66
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	12	0.66
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	10	0.66
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	10	0.66
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	10	0.66
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	10	0.66
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	10	0.66
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	10	0.66
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	1	0.66
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	1	0.66
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	1	0.66
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	13	0.66
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	13	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	13	0.66
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	9	0.65
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	9	0.65
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	9	0.65
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	15	0.65
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	15	0.65
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	15	0.65
(1,3788)	1:49:A:LEU:HD11	1:48:A:VAL:H	18	0.65
(1,3788)	1:49:A:LEU:HD12	1:48:A:VAL:H	18	0.65
(1,3788)	1:49:A:LEU:HD13	1:48:A:VAL:H	18	0.65
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	12	0.65
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	12	0.65
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	12	0.65
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	11	0.65
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	11	0.65
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	11	0.65
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	12	0.65
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	12	0.65
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	12	0.65
(1,3125)	1:19:A:GLU:HA	1:32:A:LEU:HD11	20	0.65
(1,3125)	1:19:A:GLU:HA	1:32:A:LEU:HD12	20	0.65
(1,3125)	1:19:A:GLU:HA	1:32:A:LEU:HD13	20	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	4	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	4	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	4	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	7	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	7	0.65
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	7	0.65
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	5	0.65
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	5	0.65
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	5	0.65
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	5	0.65
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	5	0.65
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	5	0.65
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	8	0.65
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	8	0.65
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	8	0.65
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	8	0.65
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	8	0.65
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	8	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	4	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	4	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	4	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	5	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	5	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	5	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	16	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	16	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	16	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	18	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	18	0.65
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	18	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	17	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	17	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	17	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	20	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	20	0.65
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	20	0.65
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	15	0.65
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	15	0.65
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	15	0.65
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	7	0.65
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	7	0.65
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	7	0.65
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	5	0.65
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	5	0.65
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	5	0.65
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD11	18	0.65
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD12	18	0.65
(1,2482)	1:48:A:VAL:H	1:49:A:LEU:HD13	18	0.65
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	9	0.65
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	9	0.65
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	9	0.65
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	4	0.65
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	4	0.65
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	4	0.65
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	4	0.65
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	4	0.65
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	4	0.65
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA2	11	0.65
(1,2097)	1:30:A:VAL:HG21	1:4:A:GLY:HA3	11	0.65
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA2	11	0.65
(1,2097)	1:30:A:VAL:HG22	1:4:A:GLY:HA3	11	0.65
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA2	11	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2097)	1:30:A:VAL:HG23	1:4:A:GLY:HA3	11	0.65
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	8	0.65
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	8	0.65
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	8	0.65
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	8	0.65
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	8	0.65
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	8	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	3	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	3	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	11	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	11	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	11	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	11	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	11	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	11	0.65
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	11	0.65
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	20	0.65
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	20	0.65
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	20	0.65
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	20	0.65
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	20	0.65
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	20	0.65
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	20	0.65
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	20	0.65
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	20	0.65
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	8	0.65
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	8	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	8	0.65
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	8	0.65
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	8	0.65
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	8	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	3	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	3	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	3	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	6	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	6	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	6	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	8	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	8	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	8	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	10	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	10	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	10	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	17	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	17	0.65
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	17	0.65
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	11	0.65
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	11	0.65
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	11	0.65
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	12	0.65
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	12	0.65
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	12	0.65
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	14	0.65
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	14	0.65
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	14	0.65
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	7	0.64
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	7	0.64
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	7	0.64
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	2	0.64
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	2	0.64
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	2	0.64
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	9	0.64
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	9	0.64
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	9	0.64
(1,4175)	1:144:A:LEU:HD21	1:86:A:GLY:H	14	0.64
(1,4175)	1:144:A:LEU:HD22	1:86:A:GLY:H	14	0.64
(1,4175)	1:144:A:LEU:HD23	1:86:A:GLY:H	14	0.64
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	1	0.64
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	1	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	1	0.64
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	2	0.64
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	2	0.64
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	2	0.64
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	1	0.64
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	1	0.64
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	1	0.64
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	17	0.64
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	17	0.64
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	17	0.64
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	8	0.64
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	8	0.64
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	8	0.64
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	8	0.64
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	8	0.64
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	8	0.64
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	1	0.64
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	1	0.64
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	1	0.64
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	11	0.64
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	11	0.64
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	11	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	1	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	1	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	1	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	2	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	2	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	2	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	9	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	9	0.64
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	9	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	6	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	6	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	6	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	14	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	14	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	14	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	16	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	16	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	16	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	17	0.64
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	17	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	17	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	3	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	3	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	3	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	19	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	19	0.64
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	19	0.64
(1,2078)	1:68:A:VAL:HG21	1:67:A:ALA:HA	12	0.64
(1,2078)	1:68:A:VAL:HG22	1:67:A:ALA:HA	12	0.64
(1,2078)	1:68:A:VAL:HG23	1:67:A:ALA:HA	12	0.64
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	2	0.64
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	2	0.64
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	2	0.64
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	2	0.64
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	2	0.64
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	2	0.64
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	10	0.64
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	10	0.64
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	10	0.64
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	10	0.64
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	10	0.64
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	10	0.64
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	10	0.64
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	10	0.64
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	10	0.64
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	10	0.64
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	10	0.64
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	10	0.64
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	2	0.64
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	2	0.64
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	2	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	10	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	10	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	10	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	11	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	11	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	11	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	19	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	19	0.64
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	19	0.64
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	10	0.64
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	10	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	10	0.64
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	10	0.64
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	10	0.64
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	10	0.64
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	2	0.64
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	2	0.64
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	2	0.64
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	2	0.64
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	2	0.64
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	2	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	4	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	4	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	4	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	5	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	5	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	5	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	7	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	7	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	7	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	12	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	12	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	12	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	18	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	18	0.64
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	18	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	1	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	1	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	1	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	2	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	2	0.64
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	2	0.64
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	17	0.64
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	17	0.64
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	17	0.64
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	5	0.63
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	5	0.63
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	5	0.63
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	2	0.63
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	2	0.63
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	2	0.63
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	5	0.63
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	5	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	5	0.63
(1,3311)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	18	0.63
(1,3311)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	18	0.63
(1,3311)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	18	0.63
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	19	0.63
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	19	0.63
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	19	0.63
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	1	0.63
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	1	0.63
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	1	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	10	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	10	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	10	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	11	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	11	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	11	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	18	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	18	0.63
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	18	0.63
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	10	0.63
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	10	0.63
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	10	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	18	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	18	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	18	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	19	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	19	0.63
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	19	0.63
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD11	2	0.63
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD12	2	0.63
(1,1961)	1:151:A:ASP:HB2	1:152:A:LEU:HD13	2	0.63
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD11	2	0.63
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD12	2	0.63
(1,1961)	1:151:A:ASP:HB3	1:152:A:LEU:HD13	2	0.63
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	8	0.63
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	8	0.63
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	8	0.63
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	8	0.63
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	8	0.63
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	8	0.63
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	5	0.63
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	5	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	5	0.63
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	2	0.63
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	2	0.63
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	2	0.63
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	2	0.63
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	2	0.63
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	2	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	1	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	1	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	1	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	9	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	9	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	9	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	11	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	11	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	11	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	13	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	13	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	13	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	14	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	14	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	14	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	15	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	15	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	15	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	16	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	16	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	16	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	20	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	20	0.63
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	20	0.63
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	19	0.63
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	19	0.63
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	19	0.63
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	19	0.63
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	19	0.63
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	19	0.63
(1,75)	1:104:A:LEU:HD21	1:65:A:TRP:HZ2	18	0.63
(1,75)	1:104:A:LEU:HD22	1:65:A:TRP:HZ2	18	0.63
(1,75)	1:104:A:LEU:HD23	1:65:A:TRP:HZ2	18	0.63
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	4	0.63
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	4	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	4	0.63
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	10	0.63
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	10	0.63
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	10	0.63
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	18	0.62
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	18	0.62
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	18	0.62
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	18	0.62
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	18	0.62
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	18	0.62
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	6	0.62
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	6	0.62
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	6	0.62
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	6	0.62
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	6	0.62
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	6	0.62
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	6	0.62
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	6	0.62
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	6	0.62
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	11	0.62
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	11	0.62
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	11	0.62
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	15	0.62
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	15	0.62
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	15	0.62
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	18	0.62
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	18	0.62
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	18	0.62
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	3	0.62
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	3	0.62
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	3	0.62
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	3	0.62
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	3	0.62
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	3	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	7	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	7	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	7	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	9	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	9	0.62
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	9	0.62
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	3	0.62
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	3	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	3	0.62
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	8	0.62
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	8	0.62
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	8	0.62
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	3	0.62
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	3	0.62
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	3	0.62
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	18	0.62
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	18	0.62
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	18	0.62
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	18	0.62
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	18	0.62
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	18	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	6	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	6	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	12	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	12	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	19	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	19	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	19	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	19	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	19	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	19	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	19	0.62
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	19	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	19	0.62
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	19	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	19	0.62
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	19	0.62
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	19	0.62
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	19	0.62
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	19	0.62
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	19	0.62
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	19	0.62
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	19	0.62
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	19	0.62
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	19	0.62
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	19	0.62
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	19	0.62
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	19	0.62
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	19	0.62
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	8	0.62
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	8	0.62
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	8	0.62
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	8	0.62
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	8	0.62
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	8	0.62
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	8	0.62
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	8	0.62
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	8	0.62
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	8	0.62
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	8	0.62
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	8	0.62
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	8	0.62
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	8	0.62
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	8	0.62
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	8	0.62
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	8	0.62
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	8	0.62
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	17	0.62
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	17	0.62
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	17	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	3	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	3	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	3	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	5	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	5	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	5	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	6	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	6	0.62
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	6	0.62
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	19	0.62
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	19	0.62
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	19	0.62
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	19	0.62
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	19	0.62
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	19	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	2	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	2	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	2	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD21	19	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD22	19	0.62
(1,1120)	1:165:A:LEU:HA	1:165:A:LEU:HD23	19	0.62
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	6	0.62
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	6	0.62
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	6	0.62
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	14	0.62
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	14	0.62
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	14	0.62
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	16	0.62
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	16	0.62
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	16	0.62
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	16	0.62
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	16	0.62
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	16	0.62
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	17	0.62
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	17	0.62
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	17	0.62
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	17	0.62
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	17	0.62
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	17	0.62
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	13	0.61
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	13	0.61
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	13	0.61
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	15	0.61
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	15	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	15	0.61
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	15	0.61
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	15	0.61
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	15	0.61
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	20	0.61
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	20	0.61
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	20	0.61
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	2	0.61
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	2	0.61
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	2	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	4	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	4	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	4	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	4	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	4	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	4	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	6	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	6	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	6	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	6	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	6	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	6	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	13	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	13	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	13	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	13	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	13	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	13	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	20	0.61
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	20	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	20	0.61
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	20	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	20	0.61
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	20	0.61
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	12	0.61
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	12	0.61
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	12	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	10	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	10	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	10	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	12	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	12	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	12	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	13	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	13	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	13	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	15	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	15	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	15	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	17	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	17	0.61
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	17	0.61
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	19	0.61
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	19	0.61
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	19	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	16	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	16	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	16	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	18	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	18	0.61
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	18	0.61
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	20	0.61
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	20	0.61
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	20	0.61
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	8	0.61
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	8	0.61
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	8	0.61
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	8	0.61
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	8	0.61
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	8	0.61
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	8	0.61
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	8	0.61
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	8	0.61
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	8	0.61
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	8	0.61
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	8	0.61
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	8	0.61
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	8	0.61
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	8	0.61
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	5	0.61
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	5	0.61
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	5	0.61
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	5	0.61
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	5	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	5	0.61
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	14	0.61
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	14	0.61
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	14	0.61
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	14	0.61
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	14	0.61
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	14	0.61
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	14	0.61
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	12	0.61
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	12	0.61
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	12	0.61
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	12	0.61
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	12	0.61
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	12	0.61
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	12	0.61
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	12	0.61
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	12	0.61
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	12	0.61
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	12	0.61
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	12	0.61
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	18	0.61
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	18	0.61
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	18	0.61
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	18	0.61
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	18	0.61
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	18	0.61
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	12	0.61
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	12	0.61
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	12	0.61
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	12	0.61
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	12	0.61
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	12	0.61
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	5	0.61
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	5	0.61
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	5	0.61
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	5	0.61
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	5	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	5	0.61
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	15	0.61
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	15	0.61
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	15	0.61
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	14	0.61
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	14	0.61
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	14	0.61
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	14	0.61
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	14	0.61
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	14	0.61
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	9	0.61
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	9	0.61
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	9	0.61
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	7	0.6
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	7	0.6
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	7	0.6
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	10	0.6
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	10	0.6
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	10	0.6
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	20	0.6
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	20	0.6
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	20	0.6
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	10	0.6
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	10	0.6
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	10	0.6
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	1	0.6
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	1	0.6
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	1	0.6
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	7	0.6
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	7	0.6
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	7	0.6
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	18	0.6
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	18	0.6
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	18	0.6
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	1	0.6
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	1	0.6
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	1	0.6
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	1	0.6
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	1	0.6
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	1	0.6
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	2	0.6
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	2	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	2	0.6
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	2	0.6
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	2	0.6
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	2	0.6
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	13	0.6
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	13	0.6
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	13	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	12	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	12	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	12	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	12	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	12	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	12	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	12	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	12	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	12	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	19	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	19	0.6
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	19	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	19	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	19	0.6
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	19	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	19	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	19	0.6
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	19	0.6
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	13	0.6
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	13	0.6
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	13	0.6
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	13	0.6
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	13	0.6
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	13	0.6
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG21	8	0.6
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG22	8	0.6
(1,2714)	1:83:A:ALA:H	1:82:A:VAL:HG23	8	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	2	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	2	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	2	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	12	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	12	0.6
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	12	0.6
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	2	0.6
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	2	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	2	0.6
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	2	0.6
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	2	0.6
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	2	0.6
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	2	0.6
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	2	0.6
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	2	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	9	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	9	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	9	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	9	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	9	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	9	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	9	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	9	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	9	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	12	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	12	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	12	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	12	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	12	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	12	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	12	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	12	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	12	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	15	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	15	0.6
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	15	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	15	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	15	0.6
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	15	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	15	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	15	0.6
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	15	0.6
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	13	0.6
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	13	0.6
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	13	0.6
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	14	0.6
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	14	0.6
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	14	0.6
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	14	0.6
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	14	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	14	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	9	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	9	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	17	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	17	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	17	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	17	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	17	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	17	0.6
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	17	0.6
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	18	0.6
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	18	0.6
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	18	0.6
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	18	0.6
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	18	0.6
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	18	0.6
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	18	0.6
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	18	0.6
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	18	0.6
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	18	0.6
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	18	0.6
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	18	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	1	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	1	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	1	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	1	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	1	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	1	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	17	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	17	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	17	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	17	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	17	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	17	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	20	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	20	0.6
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	20	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	20	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	20	0.6
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	20	0.6
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	17	0.6
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	17	0.6
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	17	0.6
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	17	0.6
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	17	0.6
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	17	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	12	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	12	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	12	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	12	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	12	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	12	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	12	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	12	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	12	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	19	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	19	0.6
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	19	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	19	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	19	0.6
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	19	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	19	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	19	0.6
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	19	0.6
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	15	0.6
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	15	0.6
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	15	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	7	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	7	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	7	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	8	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	8	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	8	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	9	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	9	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	9	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	13	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	13	0.6
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	13	0.6
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	16	0.6
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	16	0.6
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	16	0.6
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	16	0.6
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	16	0.6
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	16	0.6
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	18	0.6
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	18	0.6
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	18	0.6
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	18	0.6
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	18	0.6
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	18	0.6
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	10	0.6
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	10	0.6
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	10	0.6
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	10	0.6
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	10	0.6
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	10	0.6
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	11	0.59
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	11	0.59
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	11	0.59
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	18	0.59
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	18	0.59
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	18	0.59
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	15	0.59
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	15	0.59
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	15	0.59
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	1	0.59
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	1	0.59
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	1	0.59
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	16	0.59
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	16	0.59
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	17	0.59
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	17	0.59
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	17	0.59
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	1	0.59
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	1	0.59
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	1	0.59
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	5	0.59
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	5	0.59
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	5	0.59
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	5	0.59
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	5	0.59
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	5	0.59
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	19	0.59
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	19	0.59
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	19	0.59
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	4	0.59
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	4	0.59
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	4	0.59
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	6	0.59
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	6	0.59
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	6	0.59
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	4	0.59
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	4	0.59
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	4	0.59
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	1	0.59
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	1	0.59
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	1	0.59
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	1	0.59
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	1	0.59
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	1	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	3	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	3	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	3	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	8	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	8	0.59
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	8	0.59
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	4	0.59
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	4	0.59
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	4	0.59
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	3	0.59
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	3	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	3	0.59
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	3	0.59
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	3	0.59
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	3	0.59
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	3	0.59
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	3	0.59
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	3	0.59
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	20	0.59
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	20	0.59
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	20	0.59
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	20	0.59
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	20	0.59
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	20	0.59
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	16	0.59
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	16	0.59
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	16	0.59
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	16	0.59
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	16	0.59
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	16	0.59
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	16	0.59
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	20	0.59
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	20	0.59
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	20	0.59
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	16	0.59
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	16	0.59
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	16	0.59
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	6	0.59
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	6	0.59
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	6	0.59
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	6	0.59
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	6	0.59
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	6	0.59
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	5	0.59
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	5	0.59
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	5	0.59
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	6	0.59
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	6	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	6	0.59
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	10	0.59
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	10	0.59
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	10	0.59
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	2	0.58
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	2	0.58
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	2	0.58
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	14	0.58
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	14	0.58
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	14	0.58
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	11	0.58
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	11	0.58
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	11	0.58
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	1	0.58
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	1	0.58
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	1	0.58
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	11	0.58
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	11	0.58
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	11	0.58
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	7	0.58
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	7	0.58
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	7	0.58
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	11	0.58
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	11	0.58
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	11	0.58
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	16	0.58
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	16	0.58
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	16	0.58
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	12	0.58
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	12	0.58
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	12	0.58
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	17	0.58
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	17	0.58
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	17	0.58
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	7	0.58
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	7	0.58
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	7	0.58
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	16	0.58
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	16	0.58
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	16	0.58
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	19	0.58
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	19	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	19	0.58
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	19	0.58
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	19	0.58
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	19	0.58
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	14	0.58
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	14	0.58
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	14	0.58
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	10	0.58
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	10	0.58
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	10	0.58
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	10	0.58
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	10	0.58
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	10	0.58
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	20	0.58
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	20	0.58
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	20	0.58
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	5	0.58
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	5	0.58
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	5	0.58
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	5	0.58
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	5	0.58
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	5	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	19	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	19	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	19	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	19	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	19	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	19	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	19	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	19	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	19	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	20	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	20	0.58
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	20	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	20	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	20	0.58
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	20	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	20	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	20	0.58
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	20	0.58
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	14	0.58
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	14	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	14	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	14	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	14	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	14	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	14	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	14	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	14	0.58
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	20	0.58
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	20	0.58
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	20	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	20	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	20	0.58
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	20	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	20	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	20	0.58
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	20	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	14	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	14	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	14	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	14	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	14	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	14	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	16	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	16	0.58
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	16	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	16	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	16	0.58
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	16	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	14	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	14	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	14	0.58
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	14	0.58
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	14	0.58
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	14	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	14	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	14	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	14	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	20	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	20	0.58
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	20	0.58
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	20	0.58
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	20	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	20	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	20	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	20	0.58
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	20	0.58
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD11	12	0.58
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD12	12	0.58
(1,1487)	1:68:A:VAL:HB	1:35:A:LEU:HD13	12	0.58
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	1	0.58
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	1	0.58
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	1	0.58
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	11	0.58
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	11	0.58
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	11	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	11	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	11	0.58
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	11	0.58
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	14	0.58
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	14	0.58
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	14	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	7	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	7	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	7	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	11	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	11	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	11	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	16	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	16	0.58
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	16	0.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD11	11	0.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD12	11	0.58
(1,854)	1:69:A:TRP:HZ2	1:104:A:LEU:HD13	11	0.58
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	14	0.58
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	14	0.58
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	14	0.58
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	3	0.58
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	3	0.58
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	3	0.58
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	14	0.58
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	14	0.58
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	14	0.58
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	15	0.58
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	15	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	15	0.58
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	16	0.58
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	16	0.58
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	16	0.58
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	19	0.58
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	19	0.58
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	19	0.58
(1,74)	1:35:A:LEU:HD21	1:65:A:TRP:HZ2	20	0.58
(1,74)	1:35:A:LEU:HD22	1:65:A:TRP:HZ2	20	0.58
(1,74)	1:35:A:LEU:HD23	1:65:A:TRP:HZ2	20	0.58
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	9	0.57
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	9	0.57
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	9	0.57
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	10	0.57
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	10	0.57
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	10	0.57
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	13	0.57
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	13	0.57
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	13	0.57
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	16	0.57
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	16	0.57
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	16	0.57
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	13	0.57
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	13	0.57
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	13	0.57
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	4	0.57
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	4	0.57
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	4	0.57
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	2	0.57
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	2	0.57
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	2	0.57
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	19	0.57
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	19	0.57
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	19	0.57
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	2	0.57
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	2	0.57
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	2	0.57
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	20	0.57
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	20	0.57
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	20	0.57
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	6	0.57
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	6	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	6	0.57
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	6	0.57
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	6	0.57
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	6	0.57
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	6	0.57
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	6	0.57
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	6	0.57
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	20	0.57
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	20	0.57
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	20	0.57
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	8	0.57
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	8	0.57
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	8	0.57
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	15	0.57
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	15	0.57
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	15	0.57
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	15	0.57
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	15	0.57
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	15	0.57
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	4	0.57
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	4	0.57
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	4	0.57
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD11	11	0.57
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD12	11	0.57
(1,2507)	1:76:A:ASN:H	1:75:A:LEU:HD13	11	0.57
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	12	0.57
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	12	0.57
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	12	0.57
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	12	0.57
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	12	0.57
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	12	0.57
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	12	0.57
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	12	0.57
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	12	0.57
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	17	0.57
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	17	0.57
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	17	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	17	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	17	0.57
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	17	0.57
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	17	0.57
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	17	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	17	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	4	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	4	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	4	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	4	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	4	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	4	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	8	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	8	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	8	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	8	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	8	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	8	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	20	0.57
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	20	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	20	0.57
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	20	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	20	0.57
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	20	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	4	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	4	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	4	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	4	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	4	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	4	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	8	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	8	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	8	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	8	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	8	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	8	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	20	0.57
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	20	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	20	0.57
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	20	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	20	0.57
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	20	0.57
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	2	0.57
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	2	0.57
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	2	0.57
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	2	0.57
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	2	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	2	0.57
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	6	0.57
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	6	0.57
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	6	0.57
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	6	0.57
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	6	0.57
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	6	0.57
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	6	0.57
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	6	0.57
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	6	0.57
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	2	0.57
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	2	0.57
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	2	0.57
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	7	0.57
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	7	0.57
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	7	0.57
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	19	0.57
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	19	0.57
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	19	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	14	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	14	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	14	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	18	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	18	0.57
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	18	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	5	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	5	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	5	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	5	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	5	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	5	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	7	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	7	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	7	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	7	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	7	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	7	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	10	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	10	0.57
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	10	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	10	0.57
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	10	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	10	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	4	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	4	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	4	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	4	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	4	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	4	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	8	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	8	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	8	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	8	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	8	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	8	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	20	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	20	0.57
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	20	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	20	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	20	0.57
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	20	0.57
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	6	0.57
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	6	0.57
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	6	0.57
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	13	0.57
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	13	0.57
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	13	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	17	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	17	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	17	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	19	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	19	0.57
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	19	0.57
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	2	0.57
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	2	0.57
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	2	0.57
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	2	0.57
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	2	0.57
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	2	0.57
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	2	0.57
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	2	0.57
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	2	0.57
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	4	0.57
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	4	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	4	0.57
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	4	0.57
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	4	0.57
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	4	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	4	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	4	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	4	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	8	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	8	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	8	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	12	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	12	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	12	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	13	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	13	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	13	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	17	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	17	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	17	0.57
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	20	0.57
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	20	0.57
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	20	0.57
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	3	0.56
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	3	0.56
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	3	0.56
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	7	0.56
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	7	0.56
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	7	0.56
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	12	0.56
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	12	0.56
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	12	0.56
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	17	0.56
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	17	0.56
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	17	0.56
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	19	0.56
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	19	0.56
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	19	0.56
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	14	0.56
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	14	0.56
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	14	0.56
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	15	0.56
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	15	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	15	0.56
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	10	0.56
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	10	0.56
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	10	0.56
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	7	0.56
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	7	0.56
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	7	0.56
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	7	0.56
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	7	0.56
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	7	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	2	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	2	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	2	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	16	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	16	0.56
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	16	0.56
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD21	19	0.56
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD22	19	0.56
(1,2756)	1:13:A:TYR:HE1	1:87:A:LEU:HD23	19	0.56
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD21	19	0.56
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD22	19	0.56
(1,2756)	1:13:A:TYR:HE2	1:87:A:LEU:HD23	19	0.56
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	1	0.56
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	1	0.56
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	1	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	2	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	2	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	2	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	2	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	2	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	2	0.56
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	2	0.56
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	2	0.56
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	2	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	13	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	13	0.56
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	13	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	13	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	13	0.56
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	13	0.56
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	13	0.56
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	13	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	13	0.56
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	13	0.56
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	13	0.56
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	13	0.56
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	13	0.56
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	13	0.56
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	13	0.56
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	5	0.56
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	5	0.56
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	5	0.56
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	5	0.56
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	5	0.56
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	5	0.56
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	5	0.56
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	5	0.56
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	5	0.56
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	5	0.56
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	5	0.56
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	5	0.56
(1,1423)	1:19:A:GLU:HG2	1:32:A:LEU:HD11	20	0.56
(1,1423)	1:19:A:GLU:HG2	1:32:A:LEU:HD12	20	0.56
(1,1423)	1:19:A:GLU:HG2	1:32:A:LEU:HD13	20	0.56
(1,1423)	1:19:A:GLU:HG3	1:32:A:LEU:HD11	20	0.56
(1,1423)	1:19:A:GLU:HG3	1:32:A:LEU:HD12	20	0.56
(1,1423)	1:19:A:GLU:HG3	1:32:A:LEU:HD13	20	0.56
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	2	0.56
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	2	0.56
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	2	0.56
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	2	0.56
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	2	0.56
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	2	0.56
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	11	0.56
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	11	0.56
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	11	0.56
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	18	0.56
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	18	0.56
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	18	0.56
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	18	0.56
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	18	0.56
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	18	0.56
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	5	0.56
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	5	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	5	0.56
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	5	0.56
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	5	0.56
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	5	0.56
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	2	0.56
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	2	0.56
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	2	0.56
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	14	0.56
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	14	0.56
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	14	0.56
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	14	0.56
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	14	0.56
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	14	0.56
(1,866)	1:113:A:VAL:H	1:77:A:LEU:HD11	3	0.56
(1,866)	1:113:A:VAL:H	1:77:A:LEU:HD12	3	0.56
(1,866)	1:113:A:VAL:H	1:77:A:LEU:HD13	3	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	1	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	1	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	1	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	16	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	16	0.56
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	16	0.56
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	11	0.56
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	11	0.56
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	11	0.56
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	11	0.56
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	11	0.56
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	11	0.56
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	1	0.56
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	1	0.56
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	1	0.56
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	2	0.56
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	2	0.56
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	2	0.56
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	12	0.55
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	12	0.55
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	12	0.55
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	15	0.55
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	15	0.55
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	15	0.55
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	19	0.55
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	19	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	19	0.55
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	2	0.55
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	2	0.55
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	2	0.55
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	3	0.55
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	3	0.55
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	3	0.55
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	8	0.55
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	8	0.55
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	8	0.55
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	9	0.55
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	9	0.55
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	9	0.55
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	15	0.55
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	15	0.55
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	15	0.55
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	18	0.55
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	18	0.55
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	18	0.55
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	20	0.55
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	20	0.55
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	20	0.55
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	6	0.55
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	6	0.55
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	6	0.55
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	14	0.55
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	14	0.55
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	14	0.55
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	17	0.55
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	17	0.55
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	17	0.55
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	18	0.55
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	18	0.55
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	18	0.55
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	20	0.55
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	20	0.55
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	20	0.55
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	9	0.55
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	9	0.55
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	9	0.55
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	1	0.55
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	1	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	1	0.55
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	1	0.55
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	1	0.55
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	1	0.55
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	18	0.55
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	18	0.55
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	18	0.55
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	18	0.55
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	18	0.55
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	18	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	1	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	1	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	1	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	6	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	6	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	6	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	11	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	11	0.55
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	11	0.55
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	1	0.55
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	1	0.55
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	1	0.55
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	6	0.55
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	6	0.55
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	6	0.55
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	11	0.55
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	11	0.55
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	11	0.55
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	18	0.55
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	18	0.55
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	18	0.55
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	18	0.55
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	18	0.55
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	18	0.55
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	1	0.55
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	1	0.55
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	1	0.55
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	1	0.55
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	1	0.55
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	1	0.55
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	1	0.55
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	1	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	1	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	4	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	4	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	4	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	12	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	12	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	12	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	15	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	15	0.55
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	15	0.55
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	4	0.55
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	4	0.55
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	4	0.55
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	12	0.55
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	12	0.55
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	12	0.55
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	15	0.55
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	15	0.55
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	15	0.55
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	19	0.55
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	19	0.55
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	19	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	7	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	7	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	7	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	7	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	7	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	7	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	20	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	20	0.55
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	20	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	20	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	20	0.55
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	20	0.55
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	7	0.55
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	7	0.55
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	7	0.55
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	15	0.55
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	15	0.55
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	15	0.55
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	6	0.55
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	6	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	6	0.55
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	10	0.55
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	10	0.55
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	10	0.55
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	17	0.55
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	17	0.55
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	17	0.55
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	8	0.55
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	8	0.55
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	8	0.55
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	8	0.55
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	8	0.55
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	8	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	7	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	7	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	7	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	20	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	20	0.55
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	20	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	9	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	9	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	9	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	15	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	15	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	15	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	18	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	18	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	18	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	20	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	20	0.55
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	20	0.55
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	3	0.55
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	3	0.55
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	3	0.55
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	20	0.55
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	20	0.55
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	20	0.55
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	1	0.55
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	1	0.55
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	1	0.55
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	1	0.55
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	1	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	1	0.55
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	7	0.55
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	7	0.55
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	7	0.55
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	11	0.54
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	11	0.54
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	11	0.54
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	14	0.54
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	14	0.54
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	14	0.54
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	4	0.54
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	4	0.54
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	4	0.54
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	6	0.54
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	6	0.54
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	6	0.54
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	9	0.54
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	9	0.54
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	9	0.54
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	14	0.54
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	14	0.54
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	14	0.54
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	17	0.54
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	17	0.54
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	17	0.54
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	16	0.54
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	16	0.54
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	16	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	3	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	3	0.54
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	3	0.54
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	3	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	3	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	3	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	7	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	7	0.54
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	7	0.54
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	7	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	7	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	7	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	19	0.54
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	19	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	19	0.54
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	19	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	19	0.54
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	19	0.54
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	8	0.54
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	8	0.54
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	8	0.54
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	20	0.54
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	20	0.54
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	20	0.54
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	8	0.54
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	8	0.54
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	8	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	2	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	2	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	2	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	3	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	3	0.54
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	3	0.54
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	20	0.54
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	20	0.54
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	20	0.54
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	2	0.54
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	2	0.54
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	2	0.54
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	2	0.54
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	2	0.54
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	2	0.54
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	12	0.54
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	12	0.54
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	12	0.54
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	12	0.54
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	12	0.54
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	12	0.54
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	20	0.54
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	20	0.54
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	20	0.54
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	11	0.54
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	11	0.54
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	11	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	6	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	6	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	6	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	6	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	6	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	6	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	9	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	9	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	9	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	9	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	9	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	9	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	17	0.54
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	17	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	17	0.54
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	17	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	17	0.54
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	17	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	6	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	6	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	6	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	6	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	6	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	6	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	9	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	9	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	9	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	9	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	9	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	9	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	17	0.54
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	17	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	17	0.54
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	17	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	17	0.54
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	17	0.54
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	11	0.54
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	11	0.54
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	11	0.54
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	18	0.54
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	18	0.54
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	18	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	6	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	6	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	6	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	6	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	6	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	6	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	9	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	9	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	9	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	9	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	9	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	9	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	17	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	17	0.54
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	17	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	17	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	17	0.54
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	17	0.54
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	17	0.54
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	17	0.54
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	17	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	2	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	2	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	2	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	6	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	6	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	6	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	12	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	12	0.54
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	12	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	7	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	7	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	7	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	13	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	13	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	13	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	18	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	18	0.54
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	18	0.54
(1,4752)	1:98:A:LEU:HD21	1:144:A:LEU:H	1	0.53
(1,4752)	1:98:A:LEU:HD22	1:144:A:LEU:H	1	0.53
(1,4752)	1:98:A:LEU:HD23	1:144:A:LEU:H	1	0.53
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	20	0.53
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	20	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	20	0.53
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	9	0.53
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	9	0.53
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	9	0.53
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	7	0.53
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	7	0.53
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	7	0.53
(1,4117)	1:116:A:VAL:HG21	1:82:A:VAL:H	18	0.53
(1,4117)	1:116:A:VAL:HG22	1:82:A:VAL:H	18	0.53
(1,4117)	1:116:A:VAL:HG23	1:82:A:VAL:H	18	0.53
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	10	0.53
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	10	0.53
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	10	0.53
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	1	0.53
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	1	0.53
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	1	0.53
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	17	0.53
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	17	0.53
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	17	0.53
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	16	0.53
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	16	0.53
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	16	0.53
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	16	0.53
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	16	0.53
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	16	0.53
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	2	0.53
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	2	0.53
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	2	0.53
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	11	0.53
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	11	0.53
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	11	0.53
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	14	0.53
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	14	0.53
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	14	0.53
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	7	0.53
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	7	0.53
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	7	0.53
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	8	0.53
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	8	0.53
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	8	0.53
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	19	0.53
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	19	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	19	0.53
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD11	15	0.53
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD12	15	0.53
(1,2646)	1:73:A:ASP:H	1:75:A:LEU:HD13	15	0.53
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	16	0.53
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	16	0.53
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	16	0.53
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	9	0.53
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	9	0.53
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	9	0.53
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	9	0.53
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	9	0.53
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	9	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	6	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	6	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	6	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	6	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	6	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	6	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	6	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	6	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	6	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	11	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	11	0.53
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	11	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	11	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	11	0.53
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	11	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	11	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	11	0.53
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	11	0.53
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	1	0.53
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	1	0.53
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	1	0.53
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	1	0.53
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	1	0.53
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	1	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	2	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	2	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	2	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	11	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	11	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	11	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	14	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	14	0.53
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	14	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	1	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	1	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	1	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	16	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	16	0.53
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	16	0.53
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	13	0.53
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	13	0.53
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	13	0.53
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	13	0.53
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	13	0.53
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	13	0.53
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	15	0.53
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	15	0.53
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	15	0.53
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	15	0.53
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	15	0.53
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	15	0.53
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	13	0.53
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	13	0.53
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	13	0.53
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	13	0.53
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	13	0.53
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	13	0.53
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	15	0.53
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	15	0.53
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	15	0.53
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	15	0.53
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	15	0.53
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	15	0.53
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	1	0.53
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	1	0.53
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	1	0.53
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	16	0.53
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	16	0.53
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	16	0.53
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	4	0.53
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	4	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	4	0.53
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	9	0.53
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	9	0.53
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	9	0.53
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	9	0.53
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	9	0.53
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	9	0.53
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	4	0.53
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	4	0.53
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	4	0.53
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	4	0.53
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	4	0.53
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	4	0.53
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	18	0.53
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	18	0.53
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	18	0.53
(1,1260)	1:5:A:LEU:HD11	1:50:A:ILE:HB	9	0.53
(1,1260)	1:5:A:LEU:HD12	1:50:A:ILE:HB	9	0.53
(1,1260)	1:5:A:LEU:HD13	1:50:A:ILE:HB	9	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	13	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	13	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	13	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	13	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	13	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	13	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	15	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	15	0.53
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	15	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	15	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	15	0.53
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	15	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	1	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	1	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	1	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	3	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	3	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	3	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	17	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	17	0.53
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	17	0.53
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	8	0.53
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	8	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	8	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	1	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	1	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	1	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	17	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	17	0.53
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	17	0.53
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	4	0.52
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	4	0.52
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	4	0.52
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	8	0.52
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	8	0.52
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	8	0.52
(1,4277)	1:96:A:TRP:HE3	1:95:A:GLU:H	6	0.52
(1,4062)	1:77:A:LEU:HD11	1:76:A:ASN:H	3	0.52
(1,4062)	1:77:A:LEU:HD12	1:76:A:ASN:H	3	0.52
(1,4062)	1:77:A:LEU:HD13	1:76:A:ASN:H	3	0.52
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	13	0.52
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	13	0.52
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	13	0.52
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	1	0.52
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	1	0.52
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	1	0.52
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	20	0.52
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	20	0.52
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	20	0.52
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	9	0.52
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	9	0.52
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	9	0.52
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	9	0.52
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	9	0.52
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	9	0.52
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	9	0.52
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	9	0.52
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	9	0.52
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	12	0.52
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	12	0.52
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	12	0.52
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	12	0.52
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	12	0.52
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	12	0.52
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	9	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	9	0.52
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	9	0.52
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	5	0.52
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	5	0.52
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	5	0.52
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	1	0.52
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	1	0.52
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	1	0.52
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	15	0.52
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	15	0.52
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	15	0.52
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	5	0.52
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	5	0.52
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	5	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	6	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	6	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	6	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	19	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	19	0.52
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	19	0.52
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	3	0.52
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	3	0.52
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	3	0.52
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD11	3	0.52
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD12	3	0.52
(1,2673)	1:76:A:ASN:H	1:77:A:LEU:HD13	3	0.52
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	12	0.52
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	12	0.52
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	12	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	1	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	1	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	1	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	15	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	15	0.52
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	15	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	14	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	14	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	14	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	17	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	17	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	17	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	19	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	19	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	19	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	20	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	20	0.52
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	20	0.52
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	16	0.52
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	16	0.52
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	16	0.52
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	16	0.52
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	16	0.52
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	16	0.52
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	16	0.52
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	16	0.52
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	16	0.52
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	16	0.52
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	16	0.52
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	16	0.52
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	14	0.52
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	14	0.52
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	14	0.52
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	17	0.52
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	17	0.52
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	17	0.52
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	19	0.52
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	19	0.52
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	19	0.52
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	20	0.52
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	20	0.52
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	20	0.52
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD11	18	0.52
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD12	18	0.52
(1,1637)	1:104:A:LEU:HD21	1:61:A:ILE:HD13	18	0.52
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD11	18	0.52
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD12	18	0.52
(1,1637)	1:104:A:LEU:HD22	1:61:A:ILE:HD13	18	0.52
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD11	18	0.52
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD12	18	0.52
(1,1637)	1:104:A:LEU:HD23	1:61:A:ILE:HD13	18	0.52
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD11	10	0.52
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD12	10	0.52
(1,1537)	1:44:A:GLU:HG2	1:77:A:LEU:HD13	10	0.52
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD11	10	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD12	10	0.52
(1,1537)	1:44:A:GLU:HG3	1:77:A:LEU:HD13	10	0.52
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	13	0.52
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	13	0.52
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	13	0.52
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	13	0.52
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	13	0.52
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	13	0.52
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	11	0.52
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	11	0.52
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	11	0.52
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	3	0.52
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	3	0.52
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	3	0.52
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	3	0.52
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	3	0.52
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	3	0.52
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	16	0.52
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	16	0.52
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	16	0.52
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	16	0.52
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	16	0.52
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	16	0.52
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	7	0.52
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	7	0.52
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	7	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	10	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	10	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	10	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	11	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	11	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	11	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	19	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	19	0.52
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	19	0.52
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	10	0.52
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	10	0.52
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	10	0.52
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	1	0.52
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	1	0.52
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	1	0.52
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	1	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	1	0.52
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	1	0.52
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	9	0.52
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	9	0.52
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	9	0.52
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	16	0.52
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	16	0.52
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	16	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	4	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	4	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	4	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	6	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	6	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	6	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	9	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	9	0.52
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	9	0.52
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	11	0.51
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	11	0.51
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	11	0.51
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	13	0.51
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	13	0.51
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	13	0.51
(1,4185)	1:101:A:LEU:HD21	1:87:A:LEU:H	3	0.51
(1,4185)	1:101:A:LEU:HD22	1:87:A:LEU:H	3	0.51
(1,4185)	1:101:A:LEU:HD23	1:87:A:LEU:H	3	0.51
(1,4074)	1:77:A:LEU:HD11	1:77:A:LEU:H	3	0.51
(1,4074)	1:77:A:LEU:HD12	1:77:A:LEU:H	3	0.51
(1,4074)	1:77:A:LEU:HD13	1:77:A:LEU:H	3	0.51
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	17	0.51
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	17	0.51
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	17	0.51
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	15	0.51
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	15	0.51
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	15	0.51
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	14	0.51
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	14	0.51
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	14	0.51
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	2	0.51
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	2	0.51
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	2	0.51
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	7	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	7	0.51
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	7	0.51
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	17	0.51
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	17	0.51
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	17	0.51
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	9	0.51
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	9	0.51
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	9	0.51
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	12	0.51
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	12	0.51
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	12	0.51
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	17	0.51
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	17	0.51
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	17	0.51
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	3	0.51
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	3	0.51
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	3	0.51
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	4	0.51
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	4	0.51
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	4	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	8	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	8	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	8	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	18	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	18	0.51
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	18	0.51
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	2	0.51
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	2	0.51
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	2	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	9	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	9	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	9	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	12	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	12	0.51
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	12	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	2	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	2	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	2	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	5	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	5	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	5	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	9	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	9	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	9	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	13	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	13	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	13	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	18	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	18	0.51
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	18	0.51
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	7	0.51
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	7	0.51
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	7	0.51
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	7	0.51
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	7	0.51
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	7	0.51
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	5	0.51
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	5	0.51
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	5	0.51
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	5	0.51
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	5	0.51
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	5	0.51
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	5	0.51
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	7	0.51
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	7	0.51
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	7	0.51
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	7	0.51
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	7	0.51
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	7	0.51
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	7	0.51
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	7	0.51
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	7	0.51
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	7	0.51
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	7	0.51
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	7	0.51
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	2	0.51
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	2	0.51
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	2	0.51
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	5	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	5	0.51
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	5	0.51
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	9	0.51
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	9	0.51
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	9	0.51
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	13	0.51
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	13	0.51
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	13	0.51
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	18	0.51
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	18	0.51
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	18	0.51
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG11	12	0.51
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG12	12	0.51
(1,1567)	1:40:A:PRO:HB2	1:68:A:VAL:HG13	12	0.51
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG11	12	0.51
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG12	12	0.51
(1,1567)	1:40:A:PRO:HB3	1:68:A:VAL:HG13	12	0.51
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	11	0.51
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	11	0.51
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	11	0.51
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	11	0.51
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	11	0.51
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	11	0.51
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	17	0.51
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	17	0.51
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	17	0.51
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	18	0.51
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	18	0.51
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	18	0.51
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	14	0.51
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	14	0.51
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	14	0.51
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	14	0.51
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	14	0.51
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	14	0.51
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	7	0.51
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	7	0.51
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	7	0.51
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	7	0.51
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	7	0.51
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	7	0.51
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	1	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	1	0.51
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	1	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	9	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	9	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	9	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	15	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	15	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	15	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	16	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	16	0.51
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	16	0.51
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD11	3	0.51
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD12	3	0.51
(1,867)	1:77:A:LEU:H	1:77:A:LEU:HD13	3	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	4	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	4	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	4	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	5	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	5	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	5	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	7	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	7	0.51
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	7	0.51
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	14	0.51
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	14	0.51
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	14	0.51
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	12	0.51
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	12	0.51
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	12	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	1	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	1	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	1	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	3	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	3	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	3	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	8	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	8	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	8	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	11	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	11	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	11	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	14	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	14	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	14	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	15	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	15	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	15	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	17	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	17	0.51
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	17	0.51
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	3	0.51
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	3	0.51
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	3	0.51
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	3	0.51
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	3	0.51
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	3	0.51
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	11	0.51
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	11	0.51
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	11	0.51
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	11	0.5
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	11	0.5
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	11	0.5
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	13	0.5
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	13	0.5
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	13	0.5
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	14	0.5
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	14	0.5
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	14	0.5
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	19	0.5
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	19	0.5
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	19	0.5
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	3	0.5
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	3	0.5
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	3	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	1	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	1	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	1	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	6	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	6	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	6	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	17	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	17	0.5
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	17	0.5
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	8	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	8	0.5
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	8	0.5
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	8	0.5
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	8	0.5
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	8	0.5
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	8	0.5
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	8	0.5
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	8	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	5	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	5	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	5	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	6	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	6	0.5
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	6	0.5
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	5	0.5
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	5	0.5
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	5	0.5
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	5	0.5
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	5	0.5
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	5	0.5
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	16	0.5
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	16	0.5
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	16	0.5
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	16	0.5
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	16	0.5
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	16	0.5
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	16	0.5
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	16	0.5
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	16	0.5
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	16	0.5
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	16	0.5
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	16	0.5
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	16	0.5
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	16	0.5
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	16	0.5
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	16	0.5
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	16	0.5
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	16	0.5
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	5	0.5
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	5	0.5
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	5	0.5
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	5	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	5	0.5
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	5	0.5
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	8	0.5
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	8	0.5
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	8	0.5
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	8	0.5
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	8	0.5
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	8	0.5
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	1	0.5
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	1	0.5
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	1	0.5
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	1	0.5
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	1	0.5
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	1	0.5
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	1	0.5
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	8	0.5
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	8	0.5
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	8	0.5
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	10	0.5
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	10	0.5
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	10	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	1	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	1	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	1	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	7	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	7	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	7	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	8	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	8	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	8	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	17	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	17	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	17	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	19	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	19	0.5
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	19	0.5
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	12	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	12	0.5
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	12	0.5
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	20	0.5
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	20	0.5
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	20	0.5
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	3	0.5
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	3	0.5
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	3	0.5
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	13	0.5
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	13	0.5
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	13	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	5	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	5	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	5	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	10	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	10	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	10	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	20	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	20	0.5
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	20	0.5
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	18	0.5
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	18	0.5
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	18	0.5
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	18	0.5
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	18	0.5
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	18	0.5
(1,4434)	1:113:A:VAL:HG11	1:109:A:SER:H	10	0.49
(1,4434)	1:113:A:VAL:HG12	1:109:A:SER:H	10	0.49
(1,4434)	1:113:A:VAL:HG13	1:109:A:SER:H	10	0.49
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	2	0.49
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	2	0.49
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	2	0.49
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	7	0.49
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	7	0.49
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	7	0.49
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	4	0.49
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	4	0.49
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	4	0.49
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	5	0.49
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	5	0.49
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	5	0.49
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	16	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	16	0.49
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	16	0.49
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	5	0.49
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	5	0.49
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	5	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	15	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	15	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	15	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	18	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	18	0.49
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	18	0.49
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	8	0.49
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	8	0.49
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	8	0.49
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	6	0.49
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	6	0.49
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	6	0.49
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	16	0.49
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	16	0.49
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	16	0.49
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	18	0.49
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	18	0.49
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	18	0.49
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	19	0.49
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	19	0.49
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	19	0.49
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	18	0.49
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	18	0.49
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	18	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	3	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	3	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	3	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	7	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	7	0.49
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	7	0.49
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	10	0.49
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	10	0.49
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	10	0.49
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	10	0.49
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	10	0.49
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	10	0.49
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD21	15	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD22	15	0.49
(1,2410)	1:115:A:PHE:HE1	1:84:A:LEU:HD23	15	0.49
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD21	15	0.49
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD22	15	0.49
(1,2410)	1:115:A:PHE:HE2	1:84:A:LEU:HD23	15	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	6	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	6	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	6	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	16	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	16	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	16	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	18	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	18	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	18	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	19	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	19	0.49
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	19	0.49
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	18	0.49
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	18	0.49
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	18	0.49
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	18	0.49
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	18	0.49
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	18	0.49
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	11	0.49
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	11	0.49
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	11	0.49
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	11	0.49
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	11	0.49
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	11	0.49
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	6	0.49
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	6	0.49
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	6	0.49
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	6	0.49
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	6	0.49
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	6	0.49
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	8	0.49
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	8	0.49
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	8	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	2	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	2	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	2	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	5	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	5	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	5	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	9	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	9	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	9	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	12	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	12	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	12	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	14	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	14	0.49
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	14	0.49
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	11	0.49
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	11	0.49
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	11	0.49
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	11	0.49
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	11	0.49
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	11	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	4	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	4	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	4	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	8	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	8	0.49
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	8	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	2	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	2	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	2	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	16	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	16	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	16	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	19	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	19	0.49
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	19	0.49
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	19	0.49
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	19	0.49
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	19	0.49
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	19	0.49
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	19	0.49
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	19	0.49
(1,4752)	1:98:A:LEU:HD21	1:144:A:LEU:H	7	0.48
(1,4752)	1:98:A:LEU:HD22	1:144:A:LEU:H	7	0.48
(1,4752)	1:98:A:LEU:HD23	1:144:A:LEU:H	7	0.48
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	4	0.48
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	4	0.48
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	19	0.48
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	19	0.48
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	19	0.48
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	18	0.48
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	18	0.48
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	18	0.48
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	4	0.48
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	4	0.48
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	4	0.48
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	7	0.48
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	7	0.48
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	7	0.48
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	18	0.48
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	18	0.48
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	18	0.48
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	12	0.48
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	12	0.48
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	12	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	4	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	4	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	4	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	11	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	11	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	11	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	17	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	17	0.48
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	17	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	2	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	2	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	2	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	14	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	14	0.48
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	14	0.48
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	17	0.48
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	17	0.48
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	17	0.48
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	3	0.48
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	3	0.48
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	3	0.48
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	18	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	18	0.48
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	18	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	3	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	3	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	3	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	3	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	3	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	3	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	20	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	20	0.48
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	20	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	20	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	20	0.48
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	20	0.48
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	3	0.48
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	3	0.48
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	3	0.48
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	3	0.48
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	3	0.48
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	3	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	11	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	11	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	11	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	20	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	20	0.48
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	20	0.48
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	20	0.48
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	20	0.48
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	20	0.48
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	20	0.48
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	20	0.48
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	20	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	4	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	4	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	4	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	7	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	7	0.48
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	7	0.48
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	1	0.48
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	1	0.48
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	1	0.48
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	1	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	1	0.48
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	1	0.48
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	2	0.48
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	2	0.48
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	2	0.48
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG11	1:47:A:ASP:HB3	2	0.48
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG12	1:47:A:ASP:HB3	2	0.48
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB2	2	0.48
(1,1897)	1:48:A:VAL:HG13	1:47:A:ASP:HB3	2	0.48
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	14	0.48
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	14	0.48
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	14	0.48
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	14	0.48
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	14	0.48
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	14	0.48
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	14	0.48
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	14	0.48
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	14	0.48
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	14	0.48
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	14	0.48
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	14	0.48
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	4	0.48
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	4	0.48
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	4	0.48
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	6	0.48
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	6	0.48
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	6	0.48
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	9	0.48
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	9	0.48
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	9	0.48
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	16	0.48
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	16	0.48
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	16	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	3	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	3	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	3	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	4	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	4	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	13	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	13	0.48
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	13	0.48
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	14	0.48
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	14	0.48
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	14	0.48
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	14	0.48
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	14	0.48
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	14	0.48
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	11	0.48
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	11	0.48
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	11	0.48
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	18	0.48
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	18	0.48
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	18	0.48
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	7	0.48
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	7	0.48
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	7	0.48
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	7	0.48
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	7	0.48
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	7	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	1	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	1	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	1	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	5	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	5	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	5	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	10	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	10	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	10	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	19	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	19	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	19	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	20	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	20	0.48
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	20	0.48
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD21	12	0.48
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD22	12	0.48
(1,753)	1:115:A:PHE:HZ	1:108:A:LEU:HD23	12	0.48
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	7	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	7	0.48
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	7	0.48
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	7	0.48
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	7	0.48
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	7	0.48
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	17	0.47
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	17	0.47
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	17	0.47
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	20	0.47
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	20	0.47
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	20	0.47
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	8	0.47
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	8	0.47
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	8	0.47
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	17	0.47
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	17	0.47
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	17	0.47
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	17	0.47
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	17	0.47
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	17	0.47
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	5	0.47
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	5	0.47
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	5	0.47
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	10	0.47
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	10	0.47
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	10	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	1	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	1	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	1	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	2	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	2	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	2	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	7	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	7	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	7	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	8	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	8	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	8	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	11	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	11	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	11	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	14	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	14	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	14	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	15	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	15	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	15	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	19	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	19	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	19	0.47
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	20	0.47
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	20	0.47
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	20	0.47
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	3	0.47
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	3	0.47
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	3	0.47
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	5	0.47
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	5	0.47
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	5	0.47
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	17	0.47
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	17	0.47
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	17	0.47
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	14	0.47
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	14	0.47
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	14	0.47
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	14	0.47
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	14	0.47
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	14	0.47
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	13	0.47
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	13	0.47
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	13	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	3	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	3	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	3	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	5	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	5	0.47
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	5	0.47
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	4	0.47
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	4	0.47
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	4	0.47
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	4	0.47
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	4	0.47
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	4	0.47
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	7	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	7	0.47
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	7	0.47
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD11	10	0.47
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD12	10	0.47
(1,1960)	1:77:A:LEU:HA	1:77:A:LEU:HD13	10	0.47
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	1	0.47
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	1	0.47
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	1	0.47
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	1	0.47
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	1	0.47
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	1	0.47
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	1	0.47
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	1	0.47
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	1	0.47
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	1	0.47
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	1	0.47
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	1	0.47
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	7	0.47
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	7	0.47
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	7	0.47
(1,1867)	1:77:A:LEU:HD11	1:77:A:LEU:HA	10	0.47
(1,1867)	1:77:A:LEU:HD12	1:77:A:LEU:HA	10	0.47
(1,1867)	1:77:A:LEU:HD13	1:77:A:LEU:HA	10	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	1	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	1	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	1	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	2	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	2	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	2	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	7	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	7	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	7	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	8	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	8	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	8	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	11	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	11	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	11	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	14	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	14	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	14	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	15	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	15	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	15	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	19	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	19	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	19	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	20	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	20	0.47
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	20	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	5	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	5	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	5	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	6	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	6	0.47
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	6	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	6	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	6	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	6	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	11	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	11	0.47
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	11	0.47
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	1	0.47
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	1	0.47
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	1	0.47
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	1	0.47
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	1	0.47
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	1	0.47
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	8	0.47
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	8	0.47
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	8	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	10	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	10	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	10	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	20	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	20	0.47
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	20	0.47
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	13	0.47
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	13	0.47
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	13	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	2	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	2	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	2	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	3	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	3	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	3	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	17	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	17	0.47
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	17	0.47
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	17	0.47
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	17	0.47
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	17	0.47
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	13	0.46
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	13	0.46
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	13	0.46
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	8	0.46
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	8	0.46
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	8	0.46
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	14	0.46
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	14	0.46
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	14	0.46
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	3	0.46
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	3	0.46
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	3	0.46
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	7	0.46
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	7	0.46
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	7	0.46
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	18	0.46
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	18	0.46
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	18	0.46
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	10	0.46
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	10	0.46
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	10	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	3	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	3	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	3	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	4	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	4	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	4	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	5	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	5	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	5	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	6	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	6	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	6	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	9	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	9	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	9	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	10	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	10	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	10	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	12	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	12	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	12	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	13	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	13	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	13	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	16	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	16	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	16	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	17	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	17	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	17	0.46
(1,2931)	1:116:A:VAL:HG21	1:116:A:VAL:HA	18	0.46
(1,2931)	1:116:A:VAL:HG22	1:116:A:VAL:HA	18	0.46
(1,2931)	1:116:A:VAL:HG23	1:116:A:VAL:HA	18	0.46
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	17	0.46
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	17	0.46
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	17	0.46
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	16	0.46
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	16	0.46
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	16	0.46
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	16	0.46
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	16	0.46
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	16	0.46
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	13	0.46
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	13	0.46
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	13	0.46
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	4	0.46
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	4	0.46
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	4	0.46
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	20	0.46
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	20	0.46
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	20	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	9	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	9	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	9	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	11	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	11	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	11	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	12	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	12	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	12	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	20	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	20	0.46
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	20	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	4	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	4	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	4	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	7	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	7	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	7	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	11	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	11	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	11	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	13	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	13	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	13	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	15	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	15	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	15	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	19	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	19	0.46
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	19	0.46
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	1	0.46
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	1	0.46
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	1	0.46
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	1	0.46
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	1	0.46
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	1	0.46
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	10	0.46
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	10	0.46
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	10	0.46
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	10	0.46
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	10	0.46
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	10	0.46
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	1	0.46
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	1	0.46
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	1	0.46
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	1	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	1	0.46
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	1	0.46
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	17	0.46
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	17	0.46
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	17	0.46
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	8	0.46
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	8	0.46
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	8	0.46
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	8	0.46
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	8	0.46
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	8	0.46
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	2	0.46
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	2	0.46
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	2	0.46
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	2	0.46
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	2	0.46
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	2	0.46
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	2	0.46
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	2	0.46
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	2	0.46
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	2	0.46
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	2	0.46
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	2	0.46
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	5	0.46
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	5	0.46
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	5	0.46
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	12	0.46
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	12	0.46
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	12	0.46
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	13	0.46
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	13	0.46
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	13	0.46
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	20	0.46
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	20	0.46
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	20	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	3	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	3	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	3	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	4	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	4	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	4	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	5	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	5	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	5	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	6	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	6	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	6	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	9	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	9	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	9	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	10	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	10	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	10	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	12	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	12	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	12	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	13	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	13	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	13	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	16	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	16	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	16	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	17	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	17	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	17	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG21	18	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG22	18	0.46
(1,1198)	1:116:A:VAL:HA	1:116:A:VAL:HG23	18	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	17	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	17	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	17	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	19	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	19	0.46
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	19	0.46
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	15	0.46
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	15	0.46
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	15	0.46
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	2	0.46
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	2	0.46
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	2	0.46
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	2	0.46
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	2	0.46
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	2	0.46
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	4	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	4	0.46
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	4	0.46
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	2	0.46
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	2	0.46
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	2	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	7	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	7	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	7	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	15	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	15	0.46
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	15	0.46
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	3	0.46
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	3	0.46
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	3	0.46
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	13	0.46
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	13	0.46
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	13	0.46
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	18	0.46
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	18	0.46
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	18	0.46
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	3	0.46
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	3	0.46
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	3	0.46
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	9	0.45
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	9	0.45
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	9	0.45
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	10	0.45
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	10	0.45
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	10	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	17	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	17	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	17	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	18	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	18	0.45
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	18	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	15	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	15	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	15	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	16	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	16	0.45
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	16	0.45
(1,2874)	1:69:A:TRP:HH2	1:104:A:LEU:HD21	11	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2874)	1:69:A:TRP:HH2	1:104:A:LEU:HD22	11	0.45
(1,2874)	1:69:A:TRP:HH2	1:104:A:LEU:HD23	11	0.45
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	20	0.45
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	20	0.45
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	20	0.45
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	20	0.45
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	20	0.45
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	20	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	12	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	12	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	12	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	20	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	20	0.45
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	20	0.45
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD11	2	0.45
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD12	2	0.45
(1,2749)	1:87:A:LEU:H	1:87:A:LEU:HD13	2	0.45
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	10	0.45
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	10	0.45
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	10	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	5	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	5	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	5	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	6	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	6	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	6	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	8	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	8	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	8	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	9	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	9	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	9	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	10	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	10	0.45
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	10	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	17	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	17	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	17	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	18	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	18	0.45
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	18	0.45
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	18	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	18	0.45
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	18	0.45
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	18	0.45
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	18	0.45
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	18	0.45
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	18	0.45
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	18	0.45
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	18	0.45
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	17	0.45
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	17	0.45
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	17	0.45
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	17	0.45
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	17	0.45
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	17	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	1	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	1	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	1	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	1	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	1	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	1	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	9	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	9	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	9	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	9	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	9	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	9	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	16	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	16	0.45
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	16	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	16	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	16	0.45
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	16	0.45
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	17	0.45
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	17	0.45
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	17	0.45
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	18	0.45
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	18	0.45
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	18	0.45
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	15	0.45
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	15	0.45
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	15	0.45
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	16	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	16	0.45
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	16	0.45
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	6	0.45
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	6	0.45
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	6	0.45
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	6	0.45
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	6	0.45
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	6	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	1	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	1	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	1	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	2	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	2	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	2	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	3	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	3	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	3	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	4	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	4	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	4	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	7	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	7	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	7	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	8	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	8	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	8	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	9	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	9	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	9	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	10	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	10	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	10	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	11	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	11	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	11	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	12	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	12	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	12	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	13	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	13	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	13	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	15	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	15	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	15	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	16	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	16	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	16	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	18	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	18	0.45
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	18	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	5	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	5	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	5	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	13	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	13	0.45
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	13	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	4	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	4	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	4	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	8	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	8	0.45
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	8	0.45
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	11	0.45
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	11	0.45
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	11	0.45
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	11	0.45
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	11	0.45
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	11	0.45
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	7	0.45
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	7	0.45
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	7	0.45
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	14	0.45
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	14	0.45
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	14	0.45
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	14	0.45
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	14	0.45
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	14	0.45
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	9	0.44
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	9	0.44
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	9	0.44
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	12	0.44
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	12	0.44
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	12	0.44
(1,4003)	1:72:A:LEU:HD11	1:70:A:ASP:H	11	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4003)	1:72:A:LEU:HD12	1:70:A:ASP:H	11	0.44
(1,4003)	1:72:A:LEU:HD13	1:70:A:ASP:H	11	0.44
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	2	0.44
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	2	0.44
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	2	0.44
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	11	0.44
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	11	0.44
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	11	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	2	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	2	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	2	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	5	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	5	0.44
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	5	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	1	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	1	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	1	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	4	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	4	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	4	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	7	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	7	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	7	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	8	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	8	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	8	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	9	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	9	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	9	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	10	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	10	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	10	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	19	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	19	0.44
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	19	0.44
(1,2928)	1:116:A:VAL:HG21	1:115:A:PHE:HA	10	0.44
(1,2928)	1:116:A:VAL:HG22	1:115:A:PHE:HA	10	0.44
(1,2928)	1:116:A:VAL:HG23	1:115:A:PHE:HA	10	0.44
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	10	0.44
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	10	0.44
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	10	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	6	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	6	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	9	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	9	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	9	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	19	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	19	0.44
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	19	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	14	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	14	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	14	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	16	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	16	0.44
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	16	0.44
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	18	0.44
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	18	0.44
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	18	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	12	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	12	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	12	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	12	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	12	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	12	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	19	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	19	0.44
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	19	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	19	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	19	0.44
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	19	0.44
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	12	0.44
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	12	0.44
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	12	0.44
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	12	0.44
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	12	0.44
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	12	0.44
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	1	0.44
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	1	0.44
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	1	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	6	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	6	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	6	0.44
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	6	0.44
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	6	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	6	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	6	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	6	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	19	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	19	0.44
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	19	0.44
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	19	0.44
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	19	0.44
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	19	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	19	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	19	0.44
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	19	0.44
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	18	0.44
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	18	0.44
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	18	0.44
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	18	0.44
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	18	0.44
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	18	0.44
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	18	0.44
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	18	0.44
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	18	0.44
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG21	10	0.44
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG22	10	0.44
(1,1995)	1:115:A:PHE:HA	1:116:A:VAL:HG23	10	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	3	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	3	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	3	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	3	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	3	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	3	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	11	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	11	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	11	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	11	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	11	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	11	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	12	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	12	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	12	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	12	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	12	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	12	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	14	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	14	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	14	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	14	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	14	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	14	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	19	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	19	0.44
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	19	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	19	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	19	0.44
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	19	0.44
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	2	0.44
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	2	0.44
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	2	0.44
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	5	0.44
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	5	0.44
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	5	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	1	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	1	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	1	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	4	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	4	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	4	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	7	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	7	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	7	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	8	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	8	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	8	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	9	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	9	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	9	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	10	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	10	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	10	0.44
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	19	0.44
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	19	0.44
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	19	0.44
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	15	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	15	0.44
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	15	0.44
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	15	0.44
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	15	0.44
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	15	0.44
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	15	0.44
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	15	0.44
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	15	0.44
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	15	0.44
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	15	0.44
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	15	0.44
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	15	0.44
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	15	0.44
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	15	0.44
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	15	0.44
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	15	0.44
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	15	0.44
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	20	0.44
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	20	0.44
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	20	0.44
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	17	0.44
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	17	0.44
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	17	0.44
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD21	8	0.44
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD22	8	0.44
(1,1146)	1:2:A:ASN:HA	1:29:A:LEU:HD23	8	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	16	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	16	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	16	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	18	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	18	0.44
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	18	0.44
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	20	0.44
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	20	0.44
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	20	0.44
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	20	0.44
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	20	0.44
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	20	0.44
(1,786)	1:77:A:LEU:H	1:77:A:LEU:HG	3	0.44
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	6	0.44
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	6	0.44
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	6	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	11	0.44
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	11	0.44
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	11	0.44
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	4	0.43
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	4	0.43
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	4	0.43
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	3	0.43
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	3	0.43
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	3	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	8	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	8	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	8	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	11	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	11	0.43
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	11	0.43
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	4	0.43
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	4	0.43
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	4	0.43
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG21	3	0.43
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG22	3	0.43
(1,2968)	1:132:A:VAL:HG21	1:121:A:THR:HG23	3	0.43
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG21	3	0.43
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG22	3	0.43
(1,2968)	1:132:A:VAL:HG22	1:121:A:THR:HG23	3	0.43
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG21	3	0.43
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG22	3	0.43
(1,2968)	1:132:A:VAL:HG23	1:121:A:THR:HG23	3	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	2	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	2	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	2	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	6	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	6	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	6	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	11	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	11	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	11	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	13	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	13	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	13	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	14	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	14	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	14	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	17	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	17	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	17	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	18	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	18	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	18	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	20	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	20	0.43
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	20	0.43
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD11	5	0.43
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD12	5	0.43
(1,2757)	1:90:A:GLN:H	1:91:A:LEU:HD13	5	0.43
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	17	0.43
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	17	0.43
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	17	0.43
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	4	0.43
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	4	0.43
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	4	0.43
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	4	0.43
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	4	0.43
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	4	0.43
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	4	0.43
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	4	0.43
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	4	0.43
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	3	0.43
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	3	0.43
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	3	0.43
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	3	0.43
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	3	0.43
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	3	0.43
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	18	0.43
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	18	0.43
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	18	0.43
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	18	0.43
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	18	0.43
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	18	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	6	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	6	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	6	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	15	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	15	0.43
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	15	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	2	0.43
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	2	0.43
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	2	0.43
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	2	0.43
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	2	0.43
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	2	0.43
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	9	0.43
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	9	0.43
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	9	0.43
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	9	0.43
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	9	0.43
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	9	0.43
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	14	0.43
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	14	0.43
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	14	0.43
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	14	0.43
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	14	0.43
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	14	0.43
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	14	0.43
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	14	0.43
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	14	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	6	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	6	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	6	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	6	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	6	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	6	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	17	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	17	0.43
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	17	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	17	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	17	0.43
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	17	0.43
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	4	0.43
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	4	0.43
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	4	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	2	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	2	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	2	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	6	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	6	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	6	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	11	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	11	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	11	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	13	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	13	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	13	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	14	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	14	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	14	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	17	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	17	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	17	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	18	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	18	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	18	0.43
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	20	0.43
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	20	0.43
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	20	0.43
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	7	0.43
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	7	0.43
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	7	0.43
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	7	0.43
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	7	0.43
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	7	0.43
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	7	0.43
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	7	0.43
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	7	0.43
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	6	0.43
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	6	0.43
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	6	0.43
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	6	0.43
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	6	0.43
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	6	0.43
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	6	0.43
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	6	0.43
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	6	0.43
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	7	0.43
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	7	0.43
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	7	0.43
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	7	0.43
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	7	0.43
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	7	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	7	0.43
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	7	0.43
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	7	0.43
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG21	3	0.43
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG22	3	0.43
(1,1486)	1:121:A:THR:HG21	1:132:A:VAL:HG23	3	0.43
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG21	3	0.43
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG22	3	0.43
(1,1486)	1:121:A:THR:HG22	1:132:A:VAL:HG23	3	0.43
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG21	3	0.43
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG22	3	0.43
(1,1486)	1:121:A:THR:HG23	1:132:A:VAL:HG23	3	0.43
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	18	0.43
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	18	0.43
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	18	0.43
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	18	0.43
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	18	0.43
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	18	0.43
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	18	0.43
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	18	0.43
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	18	0.43
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	18	0.43
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	18	0.43
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	18	0.43
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	8	0.43
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	8	0.43
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	8	0.43
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	18	0.43
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	18	0.43
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	18	0.43
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	18	0.43
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	18	0.43
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	18	0.43
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG21	14	0.43
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG22	14	0.43
(1,1173)	1:113:A:VAL:HA	1:113:A:VAL:HG23	14	0.43
(1,1165)	1:77:A:LEU:HA	1:77:A:LEU:HD21	3	0.43
(1,1165)	1:77:A:LEU:HA	1:77:A:LEU:HD22	3	0.43
(1,1165)	1:77:A:LEU:HA	1:77:A:LEU:HD23	3	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	4	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	4	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	4	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	4	0.43
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	4	0.43
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	4	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	19	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	19	0.43
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	19	0.43
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	19	0.43
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	19	0.43
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	19	0.43
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	18	0.43
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	18	0.43
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	18	0.43
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	18	0.43
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	18	0.43
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	18	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	3	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	3	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	3	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	9	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	9	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	9	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	11	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	11	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	11	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	14	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	14	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	14	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	17	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	17	0.43
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	17	0.43
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	3	0.43
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	3	0.43
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	3	0.43
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	14	0.43
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	14	0.43
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	14	0.43
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	1	0.43
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	1	0.43
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	1	0.43
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	10	0.43
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	10	0.43
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	10	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	10	0.43
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	10	0.43
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	10	0.43
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	2	0.43
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	2	0.43
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	2	0.43
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	5	0.42
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	5	0.42
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	5	0.42
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	8	0.42
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	8	0.42
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	8	0.42
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	9	0.42
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	9	0.42
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	9	0.42
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	18	0.42
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	18	0.42
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	18	0.42
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	12	0.42
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	12	0.42
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	12	0.42
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	8	0.42
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	8	0.42
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	8	0.42
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE1	14	0.42
(1,3244)	1:84:A:LEU:HD21	1:115:A:PHE:HE2	14	0.42
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE1	14	0.42
(1,3244)	1:84:A:LEU:HD22	1:115:A:PHE:HE2	14	0.42
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE1	14	0.42
(1,3244)	1:84:A:LEU:HD23	1:115:A:PHE:HE2	14	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	3	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	3	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	3	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	4	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	4	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	4	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	16	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	16	0.42
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	16	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	3	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	3	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	3	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	5	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	5	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	5	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG21	12	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG22	12	0.42
(1,2967)	1:140:A:VAL:HA	1:140:A:VAL:HG23	12	0.42
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	20	0.42
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	20	0.42
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	20	0.42
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	20	0.42
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	20	0.42
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	20	0.42
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	16	0.42
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	16	0.42
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	16	0.42
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	18	0.42
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	18	0.42
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	18	0.42
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	18	0.42
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	18	0.42
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	18	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	7	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	7	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	7	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	10	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	10	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	10	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	16	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	16	0.42
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	16	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	1	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	1	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	1	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	14	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	14	0.42
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	14	0.42
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	3	0.42
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	3	0.42
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	3	0.42
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	3	0.42
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	3	0.42
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	3	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	7	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	7	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	7	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	7	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	7	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	7	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	10	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	10	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	10	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	10	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	10	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	10	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	20	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	20	0.42
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	20	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	20	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	20	0.42
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	20	0.42
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	11	0.42
(1,1889)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	11	0.42
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	11	0.42
(1,1889)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	11	0.42
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	11	0.42
(1,1889)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	11	0.42
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA2	11	0.42
(1,1886)	1:132:A:VAL:HG21	1:136:A:GLY:HA3	11	0.42
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA2	11	0.42
(1,1886)	1:132:A:VAL:HG22	1:136:A:GLY:HA3	11	0.42
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA2	11	0.42
(1,1886)	1:132:A:VAL:HG23	1:136:A:GLY:HA3	11	0.42
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	3	0.42
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	3	0.42
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	3	0.42
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	5	0.42
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	5	0.42
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	5	0.42
(1,1685)	1:140:A:VAL:HG21	1:140:A:VAL:HA	12	0.42
(1,1685)	1:140:A:VAL:HG22	1:140:A:VAL:HA	12	0.42
(1,1685)	1:140:A:VAL:HG23	1:140:A:VAL:HA	12	0.42
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	11	0.42
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	11	0.42
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	11	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	11	0.42
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	11	0.42
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	11	0.42
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	11	0.42
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	11	0.42
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	11	0.42
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD11	18	0.42
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD12	18	0.42
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD13	18	0.42
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD11	18	0.42
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD12	18	0.42
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD13	18	0.42
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	1	0.42
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	1	0.42
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	1	0.42
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	11	0.42
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	11	0.42
(1,1149)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	11	0.42
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	11	0.42
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	11	0.42
(1,1149)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	11	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	14	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	14	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	14	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	17	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	17	0.42
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	17	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	1	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	1	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	1	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	13	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	13	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	13	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	19	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	19	0.42
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	19	0.42
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	15	0.42
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	15	0.42
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	15	0.42
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	9	0.42
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	9	0.42
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	9	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	18	0.42
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	18	0.42
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	18	0.42
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	4	0.42
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	4	0.42
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	4	0.42
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	8	0.42
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	8	0.42
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	8	0.42
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	12	0.42
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	12	0.42
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	12	0.42
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	8	0.42
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	8	0.42
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	8	0.42
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	8	0.42
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	8	0.42
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	8	0.42
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	1	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	1	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	1	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	7	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	7	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	7	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	16	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	16	0.41
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	16	0.41
(1,5201)	1:144:A:LEU:HD11	1:119:A:TRP:HE1	10	0.41
(1,5201)	1:144:A:LEU:HD12	1:119:A:TRP:HE1	10	0.41
(1,5201)	1:144:A:LEU:HD13	1:119:A:TRP:HE1	10	0.41
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	5	0.41
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	5	0.41
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	5	0.41
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	6	0.41
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	6	0.41
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	6	0.41
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	20	0.41
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	20	0.41
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	20	0.41
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	13	0.41
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	13	0.41
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	13	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	18	0.41
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	18	0.41
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	18	0.41
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	19	0.41
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	19	0.41
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	19	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	5	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	5	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	5	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	6	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	6	0.41
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	6	0.41
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	13	0.41
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	13	0.41
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	13	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	1	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	1	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	1	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	4	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	4	0.41
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	4	0.41
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	12	0.41
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	12	0.41
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	12	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	4	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	4	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	4	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	6	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	6	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	6	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	14	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	14	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	14	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	18	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	18	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	18	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	20	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	20	0.41
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	20	0.41
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD11	8	0.41
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD12	8	0.41
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD13	8	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	9	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	9	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	9	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	14	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	14	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	14	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	19	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	19	0.41
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	19	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	16	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	16	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	16	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	20	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	20	0.41
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	20	0.41
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA2	14	0.41
(1,2096)	1:49:A:LEU:HD11	1:4:A:GLY:HA3	14	0.41
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA2	14	0.41
(1,2096)	1:49:A:LEU:HD12	1:4:A:GLY:HA3	14	0.41
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA2	14	0.41
(1,2096)	1:49:A:LEU:HD13	1:4:A:GLY:HA3	14	0.41
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	15	0.41
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	15	0.41
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	15	0.41
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	15	0.41
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	15	0.41
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	15	0.41
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	13	0.41
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	13	0.41
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	13	0.41
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	4	0.41
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	4	0.41
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	4	0.41
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	6	0.41
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	6	0.41
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	6	0.41
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	14	0.41
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	14	0.41
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	14	0.41
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	18	0.41
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	18	0.41
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	18	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	20	0.41
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	20	0.41
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	20	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	5	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	5	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	5	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	5	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	5	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	5	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	5	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	5	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	5	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	12	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	12	0.41
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	12	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	12	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	12	0.41
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	12	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	12	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	12	0.41
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	12	0.41
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	14	0.41
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	14	0.41
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	14	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	6	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	6	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	6	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	11	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	11	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	11	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	13	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	13	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	13	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	16	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	16	0.41
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	16	0.41
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	20	0.41
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	20	0.41
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	20	0.41
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	3	0.4
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	3	0.4
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	3	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	10	0.4
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	10	0.4
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	10	0.4
(1,4277)	1:96:A:TRP:HE3	1:95:A:GLU:H	3	0.4
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	10	0.4
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	10	0.4
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	10	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	12	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	12	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	12	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD11	14	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD12	14	0.4
(1,3219)	1:32:A:LEU:H	1:32:A:LEU:HD13	14	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	3	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	3	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	3	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	10	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	10	0.4
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	10	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	6	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	6	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	6	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	7	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	7	0.4
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	7	0.4
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	3	0.4
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	3	0.4
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	3	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	9	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	9	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	9	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	20	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	20	0.4
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	20	0.4
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	13	0.4
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	13	0.4
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	13	0.4
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	13	0.4
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	13	0.4
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	13	0.4
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD21	15	0.4
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD22	15	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2652)	1:42:A:LEU:H	1:75:A:LEU:HD23	15	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	3	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	3	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	3	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	8	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	8	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	8	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	11	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	11	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	11	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	15	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	15	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	15	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	17	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	17	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	17	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	19	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	19	0.4
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	19	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	3	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	3	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	3	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	19	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	19	0.4
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	19	0.4
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	17	0.4
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	17	0.4
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	17	0.4
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	17	0.4
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	17	0.4
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	17	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	3	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	3	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	3	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	5	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	5	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	5	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	12	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	12	0.4
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	12	0.4
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	5	0.4
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	5	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	5	0.4
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	5	0.4
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	5	0.4
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	5	0.4
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	5	0.4
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	5	0.4
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	5	0.4
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	6	0.4
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	6	0.4
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	6	0.4
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	7	0.4
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	7	0.4
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	7	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	3	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	3	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	3	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	8	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	8	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	8	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	11	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	11	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	11	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	15	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	15	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	15	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	17	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	17	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	17	0.4
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	19	0.4
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	19	0.4
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	19	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	1	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	1	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	1	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	1	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	1	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	1	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	1	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	1	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	1	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	2	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	2	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	2	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	2	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	2	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	2	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	2	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	2	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	2	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	19	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	19	0.4
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	19	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	19	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	19	0.4
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	19	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	19	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	19	0.4
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	19	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	12	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	12	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	12	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	12	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	12	0.4
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	12	0.4
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	12	0.4
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD21	15	0.4
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD22	15	0.4
(1,1158)	1:40:A:PRO:HD2	1:75:A:LEU:HD23	15	0.4
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD21	15	0.4
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD22	15	0.4
(1,1158)	1:40:A:PRO:HD3	1:75:A:LEU:HD23	15	0.4
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	2	0.4
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	2	0.4
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	2	0.4
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	2	0.4
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	2	0.4
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	2	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	13	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	13	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	13	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	20	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	20	0.4
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	20	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	1	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	1	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	1	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	5	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	5	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	5	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	7	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	7	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	7	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	8	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	8	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	8	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	9	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	9	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	9	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	10	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	10	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	10	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	12	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	12	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	12	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	20	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	20	0.4
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	20	0.4
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	15	0.4
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	15	0.4
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	15	0.4
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	10	0.4
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	10	0.4
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	10	0.4
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	8	0.4
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	8	0.4
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	8	0.4
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	8	0.4
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	8	0.4
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	8	0.4
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	4	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	4	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	12	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	12	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	12	0.39
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	1	0.39
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	1	0.39
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	1	0.39
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	15	0.39
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	15	0.39
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	15	0.39
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	18	0.39
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	18	0.39
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	18	0.39
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	19	0.39
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	19	0.39
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	19	0.39
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	15	0.39
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	15	0.39
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	15	0.39
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	1	0.39
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	1	0.39
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	1	0.39
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	5	0.39
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	5	0.39
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	5	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	1	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	1	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	1	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	15	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	15	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	15	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	18	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	18	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	18	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	19	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	19	0.39
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	19	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	20	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	20	0.39
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	20	0.39
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	3	0.39
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	3	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	3	0.39
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	3	0.39
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	3	0.39
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	3	0.39
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	15	0.39
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	15	0.39
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	15	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	6	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	6	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	6	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	7	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	7	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	7	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	8	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	8	0.39
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	8	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	2	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	2	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	2	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	5	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	5	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	5	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	7	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	7	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	7	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	9	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	9	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	9	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	10	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	10	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	10	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	12	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	12	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	12	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	13	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	13	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	13	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	16	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	16	0.39
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	16	0.39
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	17	0.39
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	17	0.39
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	17	0.39
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	17	0.39
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	17	0.39
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	4	0.39
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	4	0.39
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	4	0.39
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	4	0.39
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	4	0.39
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	4	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	2	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	2	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	2	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	8	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	8	0.39
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	8	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	4	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	4	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	4	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	6	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	6	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	6	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	12	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	12	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	12	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	19	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	19	0.39
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	19	0.39
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	2	0.39
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	2	0.39
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	2	0.39
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	2	0.39
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	2	0.39
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	2	0.39
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	13	0.39
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	13	0.39
(1,1965)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	13	0.39
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	13	0.39
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	13	0.39
(1,1965)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	13	0.39
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	20	0.39
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	20	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	20	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	2	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	2	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	2	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	5	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	5	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	5	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	7	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	7	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	7	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	9	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	9	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	9	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	10	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	10	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	10	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	12	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	12	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	12	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	13	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	13	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	13	0.39
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	16	0.39
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	16	0.39
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	16	0.39
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	11	0.39
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	11	0.39
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	11	0.39
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	11	0.39
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	11	0.39
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	11	0.39
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	11	0.39
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	11	0.39
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	11	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	4	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	4	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	4	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	4	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	4	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	4	0.39
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	4	0.39
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	4	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	4	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	8	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	8	0.39
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	8	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	8	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	8	0.39
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	8	0.39
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	8	0.39
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	8	0.39
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	8	0.39
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	11	0.39
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	11	0.39
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	11	0.39
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	11	0.39
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	11	0.39
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	11	0.39
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	11	0.39
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	11	0.39
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	11	0.39
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD11	17	0.39
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD12	17	0.39
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD13	17	0.39
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD11	17	0.39
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD12	17	0.39
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD13	17	0.39
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	16	0.39
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	16	0.39
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	16	0.39
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD11	13	0.39
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD12	13	0.39
(1,1127)	1:26:A:GLY:HA2	1:29:A:LEU:HD13	13	0.39
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD11	13	0.39
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD12	13	0.39
(1,1127)	1:26:A:GLY:HA3	1:29:A:LEU:HD13	13	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	2	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	2	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	2	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	3	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	3	0.39
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	3	0.39
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	5	0.39
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	5	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	5	0.39
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	12	0.39
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	12	0.39
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	12	0.39
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	5	0.39
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	5	0.39
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	5	0.39
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	18	0.39
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	18	0.39
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	18	0.39
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	18	0.39
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	18	0.39
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	18	0.39
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	5	0.39
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	3	0.39
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	3	0.39
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	3	0.39
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	6	0.39
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	6	0.39
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	6	0.39
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	15	0.39
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	15	0.39
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	15	0.39
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	18	0.39
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	18	0.39
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	18	0.39
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	15	0.38
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	15	0.38
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	15	0.38
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	20	0.38
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	20	0.38
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	20	0.38
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	7	0.38
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	7	0.38
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	7	0.38
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	8	0.38
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	8	0.38
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	8	0.38
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	14	0.38
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	14	0.38
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	14	0.38
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	17	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	17	0.38
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	17	0.38
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	15	0.38
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	15	0.38
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	15	0.38
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	16	0.38
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	16	0.38
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	16	0.38
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	9	0.38
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	9	0.38
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	9	0.38
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	7	0.38
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	7	0.38
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	7	0.38
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	18	0.38
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	18	0.38
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	18	0.38
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	1	0.38
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	1	0.38
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	1	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	7	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	7	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	7	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	8	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	8	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	8	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	14	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	14	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	14	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	17	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	17	0.38
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	17	0.38
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	1	0.38
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	1	0.38
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	1	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	8	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	8	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	8	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	19	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	19	0.38
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	19	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	6	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	6	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	6	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	15	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	15	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	15	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	16	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	16	0.38
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	16	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	7	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	7	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	7	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	7	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	7	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	7	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	9	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	9	0.38
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	9	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	9	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	9	0.38
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	9	0.38
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	6	0.38
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	6	0.38
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	6	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	2	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	2	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	2	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	4	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	4	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	4	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	10	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	10	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	10	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	13	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	13	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	13	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	18	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	18	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	18	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	19	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	19	0.38
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	19	0.38
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD11	1	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD12	1	0.38
(1,2644)	1:42:A:LEU:H	1:75:A:LEU:HD13	1	0.38
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD21	1	0.38
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD22	1	0.38
(1,2620)	1:101:A:LEU:HA	1:101:A:LEU:HD23	1	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	4	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	4	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	4	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG21	13	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG22	13	0.38
(1,2319)	1:22:A:ARG:H	1:30:A:VAL:HG23	13	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	2	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	2	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	2	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	3	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	3	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	3	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	5	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	5	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	5	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	8	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	8	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	8	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	10	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	10	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	10	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	17	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	17	0.38
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	17	0.38
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	3	0.38
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	3	0.38
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	3	0.38
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	3	0.38
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	3	0.38
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	3	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	3	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	3	0.38
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	3	0.38
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD11	4	0.38
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD12	4	0.38
(1,2069)	1:48:A:VAL:HG11	1:81:A:ILE:HD13	4	0.38
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD11	4	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD12	4	0.38
(1,2069)	1:48:A:VAL:HG12	1:81:A:ILE:HD13	4	0.38
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD11	4	0.38
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD12	4	0.38
(1,2069)	1:48:A:VAL:HG13	1:81:A:ILE:HD13	4	0.38
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	13	0.38
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	13	0.38
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	13	0.38
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	13	0.38
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	13	0.38
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	13	0.38
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	15	0.38
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	15	0.38
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	15	0.38
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	15	0.38
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	15	0.38
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	15	0.38
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	1	0.38
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	1	0.38
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	1	0.38
(1,1780)	1:101:A:LEU:HD21	1:101:A:LEU:HA	1	0.38
(1,1780)	1:101:A:LEU:HD22	1:101:A:LEU:HA	1	0.38
(1,1780)	1:101:A:LEU:HD23	1:101:A:LEU:HA	1	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	7	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	7	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	7	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	7	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	7	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	7	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	7	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	7	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	7	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	17	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	17	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	17	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	17	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	17	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	17	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	17	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	17	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	17	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	18	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	18	0.38
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	18	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	18	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	18	0.38
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	18	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	18	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	18	0.38
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	18	0.38
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	14	0.38
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	14	0.38
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	14	0.38
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	14	0.38
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	14	0.38
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	14	0.38
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	19	0.38
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	19	0.38
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	19	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	3	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	3	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	3	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	10	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	10	0.38
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	10	0.38
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	15	0.38
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	15	0.38
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	15	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	2	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	2	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	2	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD11	6	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD12	6	0.38
(1,1101)	1:87:A:LEU:HA	1:87:A:LEU:HD13	6	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	2	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	2	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	2	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	5	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	5	0.38
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	5	0.38
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	1	0.38
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	1	0.38
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	1	0.38
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	15	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	15	0.38
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	15	0.38
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	16	0.38
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	16	0.38
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	16	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	7	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	7	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	7	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	18	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	18	0.38
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	18	0.38
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	9	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	2	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	2	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	2	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	4	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	4	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	4	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	12	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	12	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	12	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	13	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	13	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	13	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	16	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	16	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	16	0.37
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	20	0.37
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	20	0.37
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	20	0.37
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	9	0.37
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	9	0.37
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	9	0.37
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	11	0.37
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	11	0.37
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	11	0.37
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	20	0.37
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	20	0.37
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	20	0.37
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	7	0.37
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	7	0.37
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	7	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	7	0.37
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	7	0.37
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	7	0.37
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	14	0.37
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	14	0.37
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	14	0.37
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	10	0.37
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	10	0.37
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	10	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	2	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	2	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	2	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	4	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	4	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	4	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	12	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	12	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	12	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	13	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	13	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	13	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	16	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	16	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	16	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	20	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	20	0.37
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	20	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	11	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	11	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	11	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	12	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	12	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	12	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	14	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	14	0.37
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	14	0.37
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	12	0.37
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	12	0.37
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	12	0.37
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	12	0.37
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	12	0.37
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	12	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	5	0.37
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	5	0.37
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	5	0.37
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	20	0.37
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	20	0.37
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	20	0.37
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	7	0.37
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	7	0.37
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	7	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	5	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	5	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	5	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	11	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	11	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	11	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	15	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	15	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	15	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	17	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	17	0.37
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	17	0.37
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	11	0.37
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	11	0.37
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	11	0.37
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	7	0.37
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	7	0.37
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	7	0.37
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	7	0.37
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	7	0.37
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	7	0.37
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	11	0.37
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	11	0.37
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	11	0.37
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	12	0.37
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	12	0.37
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	12	0.37
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	14	0.37
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	14	0.37
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	14	0.37
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	17	0.37
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	17	0.37
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	17	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	20	0.37
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	20	0.37
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	20	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	9	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	9	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	9	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	9	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	9	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	9	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	9	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	9	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	9	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	10	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	10	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	10	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	10	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	10	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	10	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	10	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	10	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	10	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	20	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	20	0.37
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	20	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	20	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	20	0.37
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	20	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	20	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	20	0.37
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	20	0.37
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	2	0.37
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	2	0.37
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	2	0.37
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	9	0.37
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	9	0.37
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	9	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	4	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	4	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	4	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD11	19	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD12	19	0.37
(1,1126)	1:72:A:LEU:HA	1:72:A:LEU:HD13	19	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	4	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	4	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	4	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	6	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	6	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	6	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	12	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	12	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	12	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	19	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	19	0.37
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	19	0.37
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	9	0.37
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	9	0.37
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	9	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	4	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	4	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	4	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	4	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	4	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	4	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	8	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	8	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	8	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	8	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	8	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	8	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	13	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	13	0.37
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	13	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	13	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	13	0.37
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	13	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	7	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	7	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	7	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	14	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	14	0.37
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	14	0.37
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	15	0.37
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	15	0.37
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	15	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	15	0.37
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	15	0.37
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	15	0.37
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	4	0.37
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	4	0.37
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	4	0.37
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	13	0.37
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	13	0.37
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	13	0.37
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	13	0.37
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	13	0.37
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	13	0.37
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	8	0.37
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	8	0.37
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	8	0.37
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	1	0.37
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	1	0.37
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	1	0.37
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	1	0.37
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	1	0.37
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	1	0.37
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	6	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	6	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	6	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	19	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	19	0.36
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	19	0.36
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	11	0.36
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	11	0.36
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	11	0.36
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	18	0.36
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	18	0.36
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	18	0.36
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	16	0.36
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	16	0.36
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	16	0.36
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	10	0.36
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	10	0.36
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	10	0.36
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	18	0.36
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	18	0.36
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	18	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	7	0.36
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	7	0.36
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	7	0.36
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	17	0.36
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	17	0.36
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	17	0.36
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	11	0.36
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	11	0.36
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	11	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	10	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	10	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	10	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	16	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	16	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	16	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	19	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	19	0.36
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	19	0.36
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	2	0.36
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	2	0.36
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	2	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	6	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	6	0.36
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	6	0.36
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	2	0.36
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	2	0.36
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	2	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	1	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	1	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	1	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	2	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	2	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	2	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	10	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	10	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	10	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	14	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	14	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	14	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	17	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	17	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	17	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	19	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	19	0.36
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	19	0.36
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	16	0.36
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	16	0.36
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	16	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	1	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	1	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	1	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	16	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	16	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	16	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	20	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	20	0.36
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	20	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	5	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	5	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	5	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	8	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	8	0.36
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	8	0.36
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	17	0.36
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	17	0.36
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	17	0.36
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	17	0.36
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	17	0.36
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	17	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	2	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	2	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	2	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	2	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	2	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	2	0.36
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	2	0.36
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	2	0.36
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	2	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	4	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	4	0.36
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	4	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	4	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	4	0.36
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	4	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	4	0.36
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	4	0.36
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	4	0.36
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	16	0.36
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	16	0.36
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	16	0.36
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	16	0.36
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	16	0.36
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	16	0.36
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG21	5	0.36
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG22	5	0.36
(1,1983)	1:168:A:MET:HB2	1:116:A:VAL:HG23	5	0.36
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG21	5	0.36
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG22	5	0.36
(1,1983)	1:168:A:MET:HB3	1:116:A:VAL:HG23	5	0.36
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	9	0.36
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	9	0.36
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	9	0.36
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	16	0.36
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	16	0.36
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	16	0.36
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	10	0.36
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	10	0.36
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	10	0.36
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	16	0.36
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	16	0.36
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	16	0.36
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	19	0.36
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	19	0.36
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	19	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	6	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	6	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	6	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	18	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	18	0.36
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	18	0.36
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	14	0.36
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	14	0.36
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	14	0.36
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	14	0.36
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	14	0.36
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	14	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	14	0.36
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	14	0.36
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	14	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	8	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	8	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	8	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	17	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	17	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	17	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	20	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	20	0.36
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	20	0.36
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	18	0.36
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	18	0.36
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	18	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	3	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	3	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	3	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	3	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	3	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	3	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	16	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	16	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	16	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	16	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	16	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	16	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	17	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	17	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	17	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	17	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	17	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	17	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	20	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	20	0.36
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	20	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	20	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	20	0.36
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	20	0.36
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	10	0.36
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	10	0.36
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	10	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	18	0.36
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	18	0.36
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	18	0.36
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	10	0.36
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	10	0.36
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	10	0.36
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	2	0.36
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	2	0.36
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	2	0.36
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	2	0.36
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	2	0.36
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	2	0.36
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	5	0.36
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	5	0.36
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	5	0.36
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	19	0.36
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	19	0.36
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	19	0.36
(1,4910)	1:142:A:LEU:HD11	1:160:A:TRP:H	9	0.35
(1,4910)	1:142:A:LEU:HD12	1:160:A:TRP:H	9	0.35
(1,4910)	1:142:A:LEU:HD13	1:160:A:TRP:H	9	0.35
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	7	0.35
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	7	0.35
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	8	0.35
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	8	0.35
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	3	0.35
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	3	0.35
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	3	0.35
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	14	0.35
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	14	0.35
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	14	0.35
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	4	0.35
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	4	0.35
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	4	0.35
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	10	0.35
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	10	0.35
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	10	0.35
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD11	9	0.35
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD12	9	0.35
(1,3076)	1:160:A:TRP:H	1:142:A:LEU:HD13	9	0.35
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	8	0.35
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	8	0.35
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	8	0.35
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	8	0.35
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	8	0.35
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	3	0.35
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	3	0.35
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	3	0.35
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	8	0.35
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	8	0.35
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	8	0.35
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	8	0.35
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	8	0.35
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	8	0.35
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	8	0.35
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	8	0.35
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	8	0.35
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	8	0.35
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	8	0.35
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	8	0.35
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	7	0.35
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	7	0.35
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	7	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	4	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	4	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	4	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	7	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	7	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	7	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	8	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	8	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	8	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	11	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	11	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	11	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	12	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	12	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	12	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	18	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	18	0.35
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	18	0.35
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	14	0.35
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	14	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	14	0.35
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	2	0.35
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	2	0.35
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	2	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	3	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	3	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	3	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	9	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	9	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	9	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	12	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	12	0.35
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	12	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	4	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	4	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	4	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	15	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	15	0.35
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	15	0.35
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	1	0.35
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	1	0.35
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	1	0.35
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	18	0.35
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	18	0.35
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	18	0.35
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	18	0.35
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	18	0.35
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	18	0.35
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	18	0.35
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	18	0.35
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	18	0.35
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	14	0.35
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	14	0.35
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	14	0.35
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	8	0.35
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	8	0.35
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	8	0.35
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	8	0.35
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	8	0.35
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	8	0.35
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	15	0.35
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	15	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	15	0.35
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	15	0.35
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	15	0.35
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	15	0.35
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	3	0.35
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	3	0.35
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	3	0.35
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	9	0.35
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	9	0.35
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	9	0.35
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	15	0.35
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	15	0.35
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	15	0.35
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	17	0.35
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	17	0.35
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	17	0.35
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	18	0.35
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	18	0.35
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	18	0.35
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	1	0.35
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	1	0.35
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	1	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	13	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	13	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	13	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	13	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	13	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	13	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	13	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	13	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	13	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	15	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	15	0.35
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	15	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	15	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	15	0.35
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	15	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	15	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	15	0.35
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	15	0.35
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	8	0.35
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	8	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	8	0.35
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	8	0.35
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	8	0.35
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	8	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	2	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	2	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	2	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	2	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	2	0.35
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	2	0.35
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	2	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	7	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	7	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	7	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	10	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	10	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	10	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	13	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	13	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	13	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	14	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	14	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	14	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	16	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	16	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	16	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	18	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	18	0.35
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	18	0.35
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	13	0.35
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	13	0.35
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	13	0.35
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	4	0.35
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	4	0.35
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	4	0.35
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	19	0.35
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	19	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	19	0.35
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	9	0.35
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	9	0.35
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	9	0.35
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	3	0.34
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	3	0.34
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	3	0.34
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	10	0.34
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	10	0.34
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	10	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	8	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	8	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	8	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	14	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	14	0.34
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	14	0.34
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	12	0.34
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	12	0.34
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	12	0.34
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	9	0.34
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	9	0.34
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	9	0.34
(1,3801)	1:49:A:LEU:HD11	1:49:A:LEU:H	19	0.34
(1,3801)	1:49:A:LEU:HD12	1:49:A:LEU:H	19	0.34
(1,3801)	1:49:A:LEU:HD13	1:49:A:LEU:H	19	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	5	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	5	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	5	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	15	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	15	0.34
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	15	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	2	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	2	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	2	0.34
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	2	0.34
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	2	0.34
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	2	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	18	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	18	0.34
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	18	0.34
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	18	0.34
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	18	0.34
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG11	14	0.34
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG12	14	0.34
(1,3011)	1:105:A:HIS:HA	1:140:A:VAL:HG13	14	0.34
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	2	0.34
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	2	0.34
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	2	0.34
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	2	0.34
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	2	0.34
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	2	0.34
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	18	0.34
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	18	0.34
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	18	0.34
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	18	0.34
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	18	0.34
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	18	0.34
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	2	0.34
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	2	0.34
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	2	0.34
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	2	0.34
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	2	0.34
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	2	0.34
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	18	0.34
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	18	0.34
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	18	0.34
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	18	0.34
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	18	0.34
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	18	0.34
(1,2880)	1:140:A:VAL:HG11	1:105:A:HIS:HA	14	0.34
(1,2880)	1:140:A:VAL:HG12	1:105:A:HIS:HA	14	0.34
(1,2880)	1:140:A:VAL:HG13	1:105:A:HIS:HA	14	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	9	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	9	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	9	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD21	13	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD22	13	0.34
(1,2788)	1:139:A:PHE:H	1:138:A:LEU:HD23	13	0.34
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD11	1	0.34
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD12	1	0.34
(1,2785)	1:90:A:GLN:HG2	1:91:A:LEU:HD13	1	0.34
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD11	1	0.34
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD12	1	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2785)	1:90:A:GLN:HG3	1:91:A:LEU:HD13	1	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	7	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	7	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	7	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	9	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	9	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	9	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	10	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	10	0.34
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	10	0.34
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	19	0.34
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	19	0.34
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	19	0.34
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	19	0.34
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	19	0.34
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	19	0.34
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	15	0.34
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	15	0.34
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	15	0.34
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	8	0.34
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	8	0.34
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	8	0.34
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	8	0.34
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	8	0.34
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	8	0.34
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	8	0.34
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	8	0.34
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	8	0.34
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	1	0.34
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	1	0.34
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	1	0.34
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	7	0.34
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	7	0.34
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	7	0.34
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	8	0.34
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	8	0.34
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	8	0.34
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	11	0.34
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	11	0.34
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	11	0.34
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	7	0.34
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	7	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	7	0.34
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	11	0.34
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	11	0.34
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	11	0.34
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	5	0.34
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	5	0.34
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	5	0.34
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	9	0.34
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	9	0.34
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	9	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	2	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	2	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	2	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	5	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	5	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	5	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	7	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	7	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	7	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	8	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	8	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	8	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	18	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	18	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	18	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	20	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	20	0.34
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	20	0.34
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	9	0.34
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	9	0.34
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	9	0.34
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	9	0.34
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	9	0.34
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	9	0.34
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	9	0.34
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	9	0.34
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	9	0.34
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	11	0.34
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	11	0.34
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	11	0.34
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	11	0.34
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	11	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	11	0.34
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD11	19	0.34
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD12	19	0.34
(1,787)	1:49:A:LEU:H	1:49:A:LEU:HD13	19	0.34
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	18	0.34
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	18	0.34
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	18	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	7	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	7	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	7	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	8	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	8	0.34
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	8	0.34
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	12	0.34
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	12	0.34
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	12	0.34
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	12	0.34
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	12	0.34
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	12	0.34
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	1	0.34
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	1	0.34
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	1	0.34
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	12	0.33
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	12	0.33
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	12	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	13	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	13	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	13	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	17	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	17	0.33
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	17	0.33
(1,4042)	1:77:A:LEU:HD11	1:75:A:LEU:H	18	0.33
(1,4042)	1:77:A:LEU:HD12	1:75:A:LEU:H	18	0.33
(1,4042)	1:77:A:LEU:HD13	1:75:A:LEU:H	18	0.33
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	2	0.33
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	2	0.33
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	2	0.33
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	1	0.33
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	1	0.33
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	1	0.33
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	11	0.33
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	11	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	11	0.33
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	17	0.33
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	17	0.33
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	17	0.33
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	17	0.33
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	17	0.33
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	17	0.33
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	17	0.33
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	17	0.33
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	17	0.33
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	17	0.33
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	17	0.33
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	17	0.33
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	17	0.33
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	17	0.33
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	17	0.33
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	17	0.33
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	17	0.33
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	17	0.33
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	16	0.33
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	16	0.33
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	16	0.33
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	16	0.33
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	16	0.33
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	16	0.33
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	16	0.33
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	16	0.33
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	16	0.33
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	20	0.33
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	20	0.33
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	20	0.33
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	2	0.33
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	2	0.33
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	2	0.33
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	2	0.33
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	2	0.33
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	2	0.33
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	13	0.33
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	13	0.33
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	13	0.33
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	13	0.33
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	13	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	13	0.33
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	7	0.33
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	7	0.33
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	7	0.33
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	14	0.33
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	14	0.33
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	14	0.33
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	14	0.33
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	14	0.33
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	14	0.33
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	6	0.33
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	6	0.33
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	6	0.33
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	6	0.33
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	6	0.33
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	6	0.33
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	17	0.33
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	17	0.33
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	17	0.33
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	17	0.33
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	17	0.33
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	17	0.33
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	2	0.33
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	2	0.33
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	2	0.33
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	5	0.33
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	5	0.33
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	5	0.33
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	13	0.33
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	13	0.33
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	13	0.33
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	14	0.33
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	14	0.33
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	14	0.33
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	19	0.33
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	19	0.33
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	19	0.33
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	18	0.33
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	18	0.33
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	18	0.33
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	15	0.33
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	15	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	15	0.33
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD21	16	0.33
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD22	16	0.33
(1,1507)	1:133:A:ILE:HG21	1:138:A:LEU:HD23	16	0.33
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD21	16	0.33
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD22	16	0.33
(1,1507)	1:133:A:ILE:HG22	1:138:A:LEU:HD23	16	0.33
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD21	16	0.33
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD22	16	0.33
(1,1507)	1:133:A:ILE:HG23	1:138:A:LEU:HD23	16	0.33
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	13	0.33
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	13	0.33
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	13	0.33
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	13	0.33
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	13	0.33
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	13	0.33
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	13	0.33
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	13	0.33
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	13	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	6	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	6	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	6	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	6	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	6	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	6	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	17	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	17	0.33
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	17	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	17	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	17	0.33
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	17	0.33
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	1	0.33
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	1	0.33
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	1	0.33
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	1	0.33
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	1	0.33
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	1	0.33
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	11	0.33
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	11	0.33
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	11	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	3	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	3	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	3	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	6	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	6	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	6	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	10	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	10	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	10	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	12	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	12	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	12	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	17	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	17	0.33
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	17	0.33
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	2	0.33
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	2	0.33
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	2	0.33
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	10	0.33
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	10	0.33
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	10	0.33
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	10	0.33
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	10	0.33
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	10	0.33
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	13	0.33
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	5	0.33
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	5	0.33
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	5	0.33
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	5	0.33
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	5	0.33
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	5	0.33
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	4	0.33
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	4	0.33
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	4	0.33
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	10	0.33
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	10	0.33
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	10	0.33
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	10	0.33
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	10	0.33
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	10	0.33
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	19	0.32
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	19	0.32
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	19	0.32
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	3	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	3	0.32
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	3	0.32
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	10	0.32
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	10	0.32
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	10	0.32
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	12	0.32
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	12	0.32
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	12	0.32
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	16	0.32
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	16	0.32
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	16	0.32
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	7	0.32
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	12	0.32
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	14	0.32
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	16	0.32
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	19	0.32
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	11	0.32
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	11	0.32
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	11	0.32
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	12	0.32
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	12	0.32
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	12	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	10	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	10	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	10	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	19	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	19	0.32
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	19	0.32
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	9	0.32
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	9	0.32
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	9	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	2	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	2	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	2	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	9	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	9	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	9	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	11	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	11	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	11	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	13	0.32
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	13	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	12	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	12	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	12	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	16	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	16	0.32
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	16	0.32
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	14	0.32
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	14	0.32
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	14	0.32
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	14	0.32
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	14	0.32
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	14	0.32
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG11	14	0.32
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG12	14	0.32
(1,2677)	1:82:A:VAL:H	1:82:A:VAL:HG13	14	0.32
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	11	0.32
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	11	0.32
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	11	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	6	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	6	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	6	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	13	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	13	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	13	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	14	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	14	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	14	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG21	18	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG22	18	0.32
(1,2590)	1:71:A:GLN:H	1:68:A:VAL:HG23	18	0.32
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	12	0.32
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	12	0.32
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	12	0.32
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	13	0.32
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	13	0.32
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	13	0.32
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	13	0.32
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	13	0.32
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	13	0.32
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	13	0.32
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	13	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	13	0.32
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	13	0.32
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	13	0.32
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	13	0.32
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	13	0.32
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	13	0.32
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	12	0.32
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	12	0.32
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	12	0.32
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	12	0.32
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	12	0.32
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	12	0.32
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	4	0.32
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	4	0.32
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	4	0.32
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	6	0.32
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	6	0.32
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	6	0.32
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	10	0.32
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	10	0.32
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	10	0.32
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	12	0.32
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	12	0.32
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	12	0.32
(1,1860)	1:51:A:LEU:HD21	1:51:A:LEU:HA	20	0.32
(1,1860)	1:51:A:LEU:HD22	1:51:A:LEU:HA	20	0.32
(1,1860)	1:51:A:LEU:HD23	1:51:A:LEU:HA	20	0.32
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	9	0.32
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	9	0.32
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	9	0.32
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	8	0.32
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	8	0.32
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	8	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	9	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	9	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	9	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	19	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	19	0.32
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	19	0.32
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	12	0.32
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	12	0.32
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	12	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	12	0.32
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	12	0.32
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	12	0.32
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD11	16	0.32
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD12	16	0.32
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD13	16	0.32
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD11	16	0.32
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD12	16	0.32
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD13	16	0.32
(1,1295)	1:113:A:VAL:HG11	1:82:A:VAL:HB	3	0.32
(1,1295)	1:113:A:VAL:HG12	1:82:A:VAL:HB	3	0.32
(1,1295)	1:113:A:VAL:HG13	1:82:A:VAL:HB	3	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	20	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	20	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	20	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	20	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	20	0.32
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	20	0.32
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	20	0.32
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	1	0.32
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	1	0.32
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	1	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	9	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	9	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	9	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	19	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	19	0.32
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	19	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	11	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	11	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	11	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	20	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	20	0.32
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	20	0.32
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	5	0.32
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	5	0.32
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	5	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	5	0.32
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	5	0.32
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	5	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	9	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	9	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	9	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	13	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	13	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	13	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	15	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	15	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	15	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	16	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	16	0.32
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	16	0.32
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	17	0.32
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	17	0.32
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	17	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	9	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	9	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	9	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	13	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	13	0.32
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	13	0.32
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	7	0.32
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	7	0.32
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	7	0.32
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	20	0.32
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	20	0.32
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	20	0.32
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	20	0.32
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	20	0.32
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	20	0.32
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	20	0.32
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	20	0.32
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	20	0.32
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	1	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	1	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	1	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	4	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	4	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	4	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	6	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	6	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	6	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	7	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	7	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	7	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	13	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	13	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	13	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	17	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	17	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	17	0.31
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	19	0.31
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	19	0.31
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	19	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	1	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	3	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	4	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	5	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	6	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	10	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	13	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	17	0.31
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	20	0.31
(1,4303)	1:98:A:LEU:HD11	1:98:A:LEU:H	11	0.31
(1,4303)	1:98:A:LEU:HD12	1:98:A:LEU:H	11	0.31
(1,4303)	1:98:A:LEU:HD13	1:98:A:LEU:H	11	0.31
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	12	0.31
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	15	0.31
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	12	0.31
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	15	0.31
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	1	0.31
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	1	0.31
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	1	0.31
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	20	0.31
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	20	0.31
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	20	0.31
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	8	0.31
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	8	0.31
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	8	0.31
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	20	0.31
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	20	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	20	0.31
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	8	0.31
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	8	0.31
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	8	0.31
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	5	0.31
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	5	0.31
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	5	0.31
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	5	0.31
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	5	0.31
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	5	0.31
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	5	0.31
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	5	0.31
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	5	0.31
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	15	0.31
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	15	0.31
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	15	0.31
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	15	0.31
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	15	0.31
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	15	0.31
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	5	0.31
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	5	0.31
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	5	0.31
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	5	0.31
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	5	0.31
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	5	0.31
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	5	0.31
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	5	0.31
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	5	0.31
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	5	0.31
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	5	0.31
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	5	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	1	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	1	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	1	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	4	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	4	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	4	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	6	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	6	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	6	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	7	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	7	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	7	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	13	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	13	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	13	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	17	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	17	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	17	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	19	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	19	0.31
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	19	0.31
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	1	0.31
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	1	0.31
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	1	0.31
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	2	0.31
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	2	0.31
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	2	0.31
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	6	0.31
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	6	0.31
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	6	0.31
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	6	0.31
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	6	0.31
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	6	0.31
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	6	0.31
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	6	0.31
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	6	0.31
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	16	0.31
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	16	0.31
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	16	0.31
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	16	0.31
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	16	0.31
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	16	0.31
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	8	0.31
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	8	0.31
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	8	0.31
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB2	15	0.31
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB3	15	0.31
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB2	15	0.31
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB3	15	0.31
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB2	15	0.31
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB3	15	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	3	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	3	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	3	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	3	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	3	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	3	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	5	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	5	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	5	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	5	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	5	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	5	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	19	0.31
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	19	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	19	0.31
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	19	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	19	0.31
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	19	0.31
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	14	0.31
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	14	0.31
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	14	0.31
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	15	0.31
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	15	0.31
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	15	0.31
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	16	0.31
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	16	0.31
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	16	0.31
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	15	0.31
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	15	0.31
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	15	0.31
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	15	0.31
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	15	0.31
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	15	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	2	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	2	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	2	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	5	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	5	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	5	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	10	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	10	0.31
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	10	0.31
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	5	0.31
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	5	0.31
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	5	0.31
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	5	0.31
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	5	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	3	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	3	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	3	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	3	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	3	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	3	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	5	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	5	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	5	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	5	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	5	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	5	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	19	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	19	0.31
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	19	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	19	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	19	0.31
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	19	0.31
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	5	0.31
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	5	0.31
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	5	0.31
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	5	0.31
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	5	0.31
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	5	0.31
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	2	0.31
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	2	0.31
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	2	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	1	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	1	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	1	0.31
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	1	0.31
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	1	0.31
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	1	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	1	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	1	0.31
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	1	0.31
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	1	0.31
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	1	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	1	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	14	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	14	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	14	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	15	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	15	0.31
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	15	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	12	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	12	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	12	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	15	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	15	0.31
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	15	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	4	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	4	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	4	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	11	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	11	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	11	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	14	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	14	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	14	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	16	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	16	0.31
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	16	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	8	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	8	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	8	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	20	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	20	0.31
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	20	0.31
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	20	0.31
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	20	0.31
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	20	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	1	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	1	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	1	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	3	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	3	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	3	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	6	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	6	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	6	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	7	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	7	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	7	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	10	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	10	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	10	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	12	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	12	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	12	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	19	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	19	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	19	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	20	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	20	0.31
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	20	0.31
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	20	0.3
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	20	0.3
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	20	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	2	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	2	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	2	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD21	5	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD22	5	0.3
(2,80)	1:101:A:LEU:H	1:104:A:LEU:HD23	5	0.3
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	2	0.3
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	2	0.3
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	2	0.3
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	3	0.3
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	3	0.3
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	3	0.3
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	8	0.3
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	8	0.3
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	8	0.3
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	14	0.3
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	14	0.3
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	14	0.3
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	20	0.3
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	20	0.3
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	20	0.3
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	2	0.3
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	15	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	13	0.3
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	13	0.3
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	13	0.3
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	7	0.3
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	14	0.3
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	19	0.3
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	7	0.3
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	14	0.3
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	19	0.3
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	4	0.3
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	4	0.3
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	4	0.3
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	8	0.3
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	8	0.3
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	8	0.3
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	7	0.3
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	7	0.3
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	7	0.3
(1,3653)	1:32:A:LEU:HD11	1:33:A:HIS:H	13	0.3
(1,3653)	1:32:A:LEU:HD12	1:33:A:HIS:H	13	0.3
(1,3653)	1:32:A:LEU:HD13	1:33:A:HIS:H	13	0.3
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	4	0.3
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	4	0.3
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	4	0.3
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	4	0.3
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	4	0.3
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	4	0.3
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	4	0.3
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	4	0.3
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	4	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	16	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	16	0.3
(1,3010)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	16	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	16	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	16	0.3
(1,3010)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	16	0.3
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	4	0.3
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	4	0.3
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	4	0.3
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	4	0.3
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	4	0.3
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	4	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	4	0.3
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	4	0.3
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	4	0.3
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	4	0.3
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	4	0.3
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	4	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	17	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	17	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	17	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	18	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	18	0.3
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	18	0.3
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	13	0.3
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	13	0.3
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	13	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	11	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	11	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	11	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD21	18	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD22	18	0.3
(1,2873)	1:65:A:TRP:HH2	1:104:A:LEU:HD23	18	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	2	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	2	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	2	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	3	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	3	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	3	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	8	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	8	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	8	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	14	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	14	0.3
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	14	0.3
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	18	0.3
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	18	0.3
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	18	0.3
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	18	0.3
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	18	0.3
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	18	0.3
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	19	0.3
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	19	0.3
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	19	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	1	0.3
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	1	0.3
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	1	0.3
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	9	0.3
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	9	0.3
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	9	0.3
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG11	17	0.3
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG12	17	0.3
(1,2583)	1:71:A:GLN:H	1:68:A:VAL:HG13	17	0.3
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD11	14	0.3
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD12	14	0.3
(1,2480)	1:6:A:PHE:HD1	1:49:A:LEU:HD13	14	0.3
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD11	14	0.3
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD12	14	0.3
(1,2480)	1:6:A:PHE:HD2	1:49:A:LEU:HD13	14	0.3
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	11	0.3
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	11	0.3
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	11	0.3
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	11	0.3
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	11	0.3
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	11	0.3
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	11	0.3
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	11	0.3
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	11	0.3
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	7	0.3
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	7	0.3
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	7	0.3
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB2	16	0.3
(1,1921)	1:140:A:VAL:HG11	1:105:A:HIS:HB3	16	0.3
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB2	16	0.3
(1,1921)	1:140:A:VAL:HG12	1:105:A:HIS:HB3	16	0.3
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB2	16	0.3
(1,1921)	1:140:A:VAL:HG13	1:105:A:HIS:HB3	16	0.3
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	4	0.3
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	4	0.3
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	4	0.3
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	4	0.3
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	4	0.3
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	4	0.3
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG11	16	0.3
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG12	16	0.3
(1,1576)	1:105:A:HIS:HB2	1:140:A:VAL:HG13	16	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG11	16	0.3
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG12	16	0.3
(1,1576)	1:105:A:HIS:HB3	1:140:A:VAL:HG13	16	0.3
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	12	0.3
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	12	0.3
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	12	0.3
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	12	0.3
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	12	0.3
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	12	0.3
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	4	0.3
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	4	0.3
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	4	0.3
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	4	0.3
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	4	0.3
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	4	0.3
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	4	0.3
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	4	0.3
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	4	0.3
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	4	0.3
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	4	0.3
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	4	0.3
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	12	0.3
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	12	0.3
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	12	0.3
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	12	0.3
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	12	0.3
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	12	0.3
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	1	0.3
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	1	0.3
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	1	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	17	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	17	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	17	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG21	17	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG22	17	0.3
(1,1182)	1:40:A:PRO:HD2	1:68:A:VAL:HG23	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG21	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG22	17	0.3
(1,1182)	1:40:A:PRO:HD3	1:68:A:VAL:HG23	17	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	19	0.3
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	19	0.3
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	19	0.3
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	9	0.3
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	9	0.3
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	9	0.3
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	4	0.3
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	4	0.3
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	4	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	1	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	1	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	1	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	6	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	6	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	6	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	9	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	9	0.3
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	9	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	5	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	5	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	5	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	11	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	11	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	11	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	14	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	14	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	14	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	17	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	17	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	17	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	18	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	18	0.3
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	18	0.3
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD11	13	0.3
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD12	13	0.3
(1,772)	1:33:A:HIS:H	1:32:A:LEU:HD13	13	0.3
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD11	16	0.3
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD12	16	0.3
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD13	16	0.3
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	5	0.3
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	5	0.3
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	5	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	16	0.3
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	16	0.3
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	16	0.3
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	16	0.3
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	16	0.3
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	16	0.3
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	16	0.3
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	16	0.3
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	16	0.3
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	4	0.29
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	4	0.29
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	4	0.29
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	5	0.29
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	5	0.29
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	5	0.29
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	8	0.29
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	8	0.29
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	8	0.29
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	5	0.29
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	5	0.29
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	5	0.29
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	10	0.29
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	10	0.29
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	10	0.29
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	15	0.29
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	15	0.29
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	15	0.29
(1,5175)	1:104:A:LEU:HD21	1:104:A:LEU:H	20	0.29
(1,5175)	1:104:A:LEU:HD22	1:104:A:LEU:H	20	0.29
(1,5175)	1:104:A:LEU:HD23	1:104:A:LEU:H	20	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	1	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	1	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	1	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	2	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	2	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	2	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	4	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	4	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	4	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	5	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	5	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	5	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	9	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	9	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	9	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	16	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	16	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	16	0.29
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	17	0.29
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	17	0.29
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	17	0.29
(1,5044)	1:104:A:LEU:HG	1:69:A:TRP:HE1	8	0.29
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	9	0.29
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	9	0.29
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	9	0.29
(1,4763)	1:144:A:LEU:HD11	1:145:A:ASP:H	9	0.29
(1,4763)	1:144:A:LEU:HD12	1:145:A:ASP:H	9	0.29
(1,4763)	1:144:A:LEU:HD13	1:145:A:ASP:H	9	0.29
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	1	0.29
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	1	0.29
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	1	0.29
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	18	0.29
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	18	0.29
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	18	0.29
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	1	0.29
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	16	0.29
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	1	0.29
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	16	0.29
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	4	0.29
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	4	0.29
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	4	0.29
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	10	0.29
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	10	0.29
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	10	0.29
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	13	0.29
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	13	0.29
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	13	0.29
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	18	0.29
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	18	0.29
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	18	0.29
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	12	0.29
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	12	0.29
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	12	0.29
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	15	0.29
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	15	0.29
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	15	0.29
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	15	0.29
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	15	0.29
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	3	0.29
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	3	0.29
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	3	0.29
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	9	0.29
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	9	0.29
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	9	0.29
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	16	0.29
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	16	0.29
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	16	0.29
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	17	0.29
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	17	0.29
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	17	0.29
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	17	0.29
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	17	0.29
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	17	0.29
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD21	15	0.29
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD22	15	0.29
(1,3053)	1:119:A:TRP:HA	1:138:A:LEU:HD23	15	0.29
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	13	0.29
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	13	0.29
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	13	0.29
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	13	0.29
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	13	0.29
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	13	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	1	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	1	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	1	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	12	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	12	0.29
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	12	0.29
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	13	0.29
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	13	0.29
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	13	0.29
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	13	0.29
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	13	0.29
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	13	0.29
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	13	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	13	0.29
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	13	0.29
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	13	0.29
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	13	0.29
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	13	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	1	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	1	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	1	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	18	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	18	0.29
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	18	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	5	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	5	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	5	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	10	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	10	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	10	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	15	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	15	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	15	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD21	20	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD22	20	0.29
(1,2872)	1:104:A:LEU:H	1:104:A:LEU:HD23	20	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	1	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	1	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	1	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	1	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	1	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	1	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	7	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	7	0.29
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	7	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	7	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	7	0.29
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	7	0.29
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	17	0.29
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	17	0.29
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	17	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	2	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	2	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	2	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	12	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	12	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	13	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	13	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	13	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	15	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	15	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	15	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	19	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	19	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	19	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	20	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	20	0.29
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	20	0.29
(1,2497)	1:104:A:LEU:HD21	1:51:A:LEU:HG	11	0.29
(1,2497)	1:104:A:LEU:HD22	1:51:A:LEU:HG	11	0.29
(1,2497)	1:104:A:LEU:HD23	1:51:A:LEU:HG	11	0.29
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	16	0.29
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	16	0.29
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	16	0.29
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	16	0.29
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	16	0.29
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	16	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	4	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	4	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	4	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	10	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	10	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	10	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	13	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	13	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	13	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	18	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	18	0.29
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	18	0.29
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	11	0.29
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	11	0.29
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	11	0.29
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	11	0.29
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	11	0.29
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	11	0.29
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	11	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	11	0.29
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	11	0.29
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	11	0.29
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	11	0.29
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	11	0.29
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	11	0.29
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	11	0.29
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	11	0.29
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	10	0.29
(1,1936)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	10	0.29
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	10	0.29
(1,1936)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	10	0.29
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	10	0.29
(1,1936)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	10	0.29
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	11	0.29
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	11	0.29
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	11	0.29
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	11	0.29
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	11	0.29
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	11	0.29
(1,1851)	1:138:A:LEU:HD21	1:119:A:TRP:HA	15	0.29
(1,1851)	1:138:A:LEU:HD22	1:119:A:TRP:HA	15	0.29
(1,1851)	1:138:A:LEU:HD23	1:119:A:TRP:HA	15	0.29
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	9	0.29
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	9	0.29
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	9	0.29
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	10	0.29
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	10	0.29
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	10	0.29
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	11	0.29
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	11	0.29
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	11	0.29
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	11	0.29
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	11	0.29
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	11	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	9	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	9	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	9	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	10	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	10	0.29
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	10	0.29
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	15	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	15	0.29
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	15	0.29
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD11	9	0.29
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD12	9	0.29
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD13	9	0.29
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	12	0.29
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	12	0.29
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	12	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	10	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	10	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	10	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	14	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	14	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	14	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	15	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	15	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	15	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	19	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	19	0.29
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	19	0.29
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	19	0.29
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	19	0.29
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	19	0.29
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	19	0.29
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	19	0.29
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	19	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	2	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	2	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	2	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	4	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	4	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	4	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD11	8	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD12	8	0.29
(1,775)	1:101:A:LEU:H	1:101:A:LEU:HD13	8	0.29
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	13	0.29
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	13	0.29
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	13	0.29
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	17	0.28
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	17	0.28
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	17	0.28
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	18	0.28
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	18	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	3	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	3	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	3	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	6	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	6	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	6	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	7	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	7	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	7	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	8	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	8	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	8	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	10	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	10	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	10	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	14	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	14	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	14	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	15	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	15	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	15	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	18	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	18	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	18	0.28
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	19	0.28
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	19	0.28
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	19	0.28
(1,4885)	1:155:A:GLU:HG2	1:156:A:ARG:H	7	0.28
(1,4885)	1:155:A:GLU:HG3	1:156:A:ARG:H	7	0.28
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	7	0.28
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	7	0.28
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	7	0.28
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	9	0.28
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	9	0.28
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	9	0.28
(1,4385)	1:104:A:LEU:HD11	1:104:A:LEU:H	11	0.28
(1,4385)	1:104:A:LEU:HD12	1:104:A:LEU:H	11	0.28
(1,4385)	1:104:A:LEU:HD13	1:104:A:LEU:H	11	0.28
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	1	0.28
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	1	0.28
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	9	0.28
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	9	0.28
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	9	0.28
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	20	0.28
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	20	0.28
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	20	0.28
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	6	0.28
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	6	0.28
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	6	0.28
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	11	0.28
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	11	0.28
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	11	0.28
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	10	0.28
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	10	0.28
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	10	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	3	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	3	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	3	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	3	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	3	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	3	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	14	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	14	0.28
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	14	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	14	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	14	0.28
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	14	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	1	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	1	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	1	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	3	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	3	0.28
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	3	0.28
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	4	0.28
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	4	0.28
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	4	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	1	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	1	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	1	0.28
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	1	0.28
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	1	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	1	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	7	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	7	0.28
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	7	0.28
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	7	0.28
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	7	0.28
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	7	0.28
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	20	0.28
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	20	0.28
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	20	0.28
(1,2957)	1:132:A:VAL:HG21	1:121:A:THR:HB	3	0.28
(1,2957)	1:132:A:VAL:HG22	1:121:A:THR:HB	3	0.28
(1,2957)	1:132:A:VAL:HG23	1:121:A:THR:HB	3	0.28
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	1	0.28
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	1	0.28
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	1	0.28
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	1	0.28
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	1	0.28
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	1	0.28
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	7	0.28
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	7	0.28
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	7	0.28
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	7	0.28
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	7	0.28
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	7	0.28
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	1	0.28
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	1	0.28
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	1	0.28
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	1	0.28
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	1	0.28
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	1	0.28
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	7	0.28
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	7	0.28
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	7	0.28
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	7	0.28
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	7	0.28
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	7	0.28
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	11	0.28
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	11	0.28
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	11	0.28
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	13	0.28
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	13	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	13	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	7	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	7	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	7	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	9	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	9	0.28
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	9	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	4	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	4	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	4	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	5	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	5	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	5	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	10	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	10	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	10	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	16	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	16	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	16	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	18	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	18	0.28
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	18	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	6	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	6	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	6	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	11	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	11	0.28
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	11	0.28
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	15	0.28
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	15	0.28
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	15	0.28
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	15	0.28
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	15	0.28
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	15	0.28
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	13	0.28
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	13	0.28
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	13	0.28
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	13	0.28
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	13	0.28
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	13	0.28
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	6	0.28
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	6	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	6	0.28
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	6	0.28
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	6	0.28
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	6	0.28
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	6	0.28
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	6	0.28
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	6	0.28
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	13	0.28
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	13	0.28
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	13	0.28
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	13	0.28
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	13	0.28
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	13	0.28
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	13	0.28
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	13	0.28
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	13	0.28
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	13	0.28
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	13	0.28
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	13	0.28
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD11	3	0.28
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD12	3	0.28
(1,1084)	1:75:A:LEU:HA	1:75:A:LEU:HD13	3	0.28
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD11	11	0.28
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD12	11	0.28
(1,851)	1:104:A:LEU:H	1:104:A:LEU:HD13	11	0.28
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	10	0.28
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	10	0.28
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	10	0.28
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	15	0.28
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	15	0.28
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	15	0.28
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	15	0.28
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	15	0.28
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	15	0.28
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	12	0.28
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	12	0.28
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	12	0.28
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	6	0.28
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	6	0.28
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	6	0.28
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	18	0.28
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	18	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	18	0.28
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	14	0.28
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	14	0.28
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	14	0.28
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	14	0.28
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	14	0.28
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	14	0.28
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	17	0.28
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	17	0.28
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	17	0.28
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	17	0.28
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	17	0.28
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	17	0.28
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	6	0.27
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	6	0.27
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	6	0.27
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	15	0.27
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	15	0.27
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	15	0.27
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	12	0.27
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	12	0.27
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	12	0.27
(1,4867)	1:152:A:LEU:HD21	1:154:A:ASP:H	14	0.27
(1,4867)	1:152:A:LEU:HD22	1:154:A:ASP:H	14	0.27
(1,4867)	1:152:A:LEU:HD23	1:154:A:ASP:H	14	0.27
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	6	0.27
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	6	0.27
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	6	0.27
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	1	0.27
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	1	0.27
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	1	0.27
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	11	0.27
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	11	0.27
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	11	0.27
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	15	0.27
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	15	0.27
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	15	0.27
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	17	0.27
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	17	0.27
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	17	0.27
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	2	0.27
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	2	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	2	0.27
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	17	0.27
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	17	0.27
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	17	0.27
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	2	0.27
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	2	0.27
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	2	0.27
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	16	0.27
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	16	0.27
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	16	0.27
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	16	0.27
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	16	0.27
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	16	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	12	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	12	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	12	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	12	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	12	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	12	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	14	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	14	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	14	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	14	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	14	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	14	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	20	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	20	0.27
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	20	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	20	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	20	0.27
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	20	0.27
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	14	0.27
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	14	0.27
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	14	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	12	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	12	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	12	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	12	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	12	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	12	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	14	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	14	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	14	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	14	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	14	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	14	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	20	0.27
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	20	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	20	0.27
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	20	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	20	0.27
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	20	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	12	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	12	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	12	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	12	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	12	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	12	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	14	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	14	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	14	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	14	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	14	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	14	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	20	0.27
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	20	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	20	0.27
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	20	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	20	0.27
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	20	0.27
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	5	0.27
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	5	0.27
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	5	0.27
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	15	0.27
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	15	0.27
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	15	0.27
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	15	0.27
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	15	0.27
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	15	0.27
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	14	0.27
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	14	0.27
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	14	0.27
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	6	0.27
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	6	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	6	0.27
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	8	0.27
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	8	0.27
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	8	0.27
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	3	0.27
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	3	0.27
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	3	0.27
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	5	0.27
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	5	0.27
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	5	0.27
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	5	0.27
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	5	0.27
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	5	0.27
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	6	0.27
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	6	0.27
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	6	0.27
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	6	0.27
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	6	0.27
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	6	0.27
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	2	0.27
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	2	0.27
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	2	0.27
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	11	0.27
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	11	0.27
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	11	0.27
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	11	0.27
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	11	0.27
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	11	0.27
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	2	0.27
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	2	0.27
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	2	0.27
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	2	0.27
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	2	0.27
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	2	0.27
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	8	0.27
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	8	0.27
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	8	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	3	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	3	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	3	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	14	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	14	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	14	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	16	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	16	0.27
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	16	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	5	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	5	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	5	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	5	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	5	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	5	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	5	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	5	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	5	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	14	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	14	0.27
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	14	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	14	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	14	0.27
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	14	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	14	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	14	0.27
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	14	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	12	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	12	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	12	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	17	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	17	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	17	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG11	20	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG12	20	0.27
(1,1195)	1:40:A:PRO:HA	1:68:A:VAL:HG13	20	0.27
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	8	0.27
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	8	0.27
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	8	0.27
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD11	1	0.27
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD12	1	0.27
(1,848)	1:165:A:LEU:H	1:165:A:LEU:HD13	1	0.27
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	2	0.27
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	2	0.27
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	2	0.27
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	11	0.27
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	11	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	11	0.27
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	15	0.27
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	15	0.27
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	15	0.27
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	17	0.27
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	17	0.27
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	17	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	3	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	3	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	3	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	7	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	7	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	7	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	12	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	12	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	12	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	16	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	16	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	16	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	17	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	17	0.27
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	17	0.27
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	1	0.27
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	1	0.27
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	1	0.27
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	9	0.27
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	9	0.27
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	9	0.27
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	9	0.27
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	9	0.27
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	9	0.27
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	1	0.27
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	1	0.27
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	1	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	12	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	12	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	12	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	14	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	14	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	14	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	17	0.27
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	17	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	17	0.27
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	10	0.27
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	10	0.27
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	10	0.27
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	9	0.26
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	9	0.26
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	9	0.26
(1,4885)	1:155:A:GLU:HG2	1:156:A:ARG:H	8	0.26
(1,4885)	1:155:A:GLU:HG3	1:156:A:ARG:H	8	0.26
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	3	0.26
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	3	0.26
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	12	0.26
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	12	0.26
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	12	0.26
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	4	0.26
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	4	0.26
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	4	0.26
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	14	0.26
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	14	0.26
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	14	0.26
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	15	0.26
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	15	0.26
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	15	0.26
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	13	0.26
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	13	0.26
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	13	0.26
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	8	0.26
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	8	0.26
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	8	0.26
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	9	0.26
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	9	0.26
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	9	0.26
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	18	0.26
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	18	0.26
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	18	0.26
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	18	0.26
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	18	0.26
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	18	0.26
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	2	0.26
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	2	0.26
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	2	0.26
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	8	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	8	0.26
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	8	0.26
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	14	0.26
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	14	0.26
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	14	0.26
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	8	0.26
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	8	0.26
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	8	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	7	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	7	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	7	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	10	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	10	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	10	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	17	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	17	0.26
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	17	0.26
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	12	0.26
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	12	0.26
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	12	0.26
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	10	0.26
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	10	0.26
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	10	0.26
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	10	0.26
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	10	0.26
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	10	0.26
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	7	0.26
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	7	0.26
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	7	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	3	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	3	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	3	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	14	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	14	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	14	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	17	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	17	0.26
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	17	0.26
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	15	0.26
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	15	0.26
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	15	0.26
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	15	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	15	0.26
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	15	0.26
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG11	14	0.26
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG12	14	0.26
(1,2456)	1:1:A:MET:HE1	1:48:A:VAL:HG13	14	0.26
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG11	14	0.26
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG12	14	0.26
(1,2456)	1:1:A:MET:HE2	1:48:A:VAL:HG13	14	0.26
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG11	14	0.26
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG12	14	0.26
(1,2456)	1:1:A:MET:HE3	1:48:A:VAL:HG13	14	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	14	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	14	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	14	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	15	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	15	0.26
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	15	0.26
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	11	0.26
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	11	0.26
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	11	0.26
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	11	0.26
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	11	0.26
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	11	0.26
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	18	0.26
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	18	0.26
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	18	0.26
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	18	0.26
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	18	0.26
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	18	0.26
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	7	0.26
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	7	0.26
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	7	0.26
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	4	0.26
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	4	0.26
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	4	0.26
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	4	0.26
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	4	0.26
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	4	0.26
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	4	0.26
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	4	0.26
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	4	0.26
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	10	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	10	0.26
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	10	0.26
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	10	0.26
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	10	0.26
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	10	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	7	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	7	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	7	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	7	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	7	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	7	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	9	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	9	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	9	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	9	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	9	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	9	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	10	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	10	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	10	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	10	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	10	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	10	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	11	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	11	0.26
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	11	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	11	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	11	0.26
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	11	0.26
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	11	0.26
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	11	0.26
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	11	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	8	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	8	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	8	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	9	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	9	0.26
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	9	0.26
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	4	0.26
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	4	0.26
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	4	0.26
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	18	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	18	0.26
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	18	0.26
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD11	20	0.26
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD12	20	0.26
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD13	20	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	2	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	2	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	2	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	20	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	20	0.26
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	20	0.26
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	6	0.26
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	12	0.26
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	12	0.26
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	12	0.26
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	12	0.26
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	12	0.26
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	12	0.26
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	12	0.26
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	20	0.26
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	20	0.26
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	20	0.26
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	20	0.26
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	20	0.26
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	20	0.26
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	2	0.26
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	2	0.26
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	2	0.26
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	2	0.26
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	2	0.26
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	2	0.26
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	17	0.26
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	17	0.26
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	17	0.26
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	17	0.26
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	17	0.26
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	17	0.26
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	16	0.25
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	16	0.25
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	16	0.25
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	13	0.25
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	13	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	13	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	4	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	4	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	4	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	5	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	5	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	5	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	6	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	6	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	6	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	14	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	14	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	14	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	16	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	16	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	16	0.25
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	17	0.25
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	17	0.25
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	17	0.25
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	3	0.25
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	3	0.25
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	3	0.25
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	8	0.25
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	8	0.25
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	8	0.25
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	2	0.25
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	2	0.25
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	2	0.25
(1,3346)	1:98:A:LEU:H	2:201:A:FMN:HN3	9	0.25
(1,3271)	1:168:A:MET:H	1:1:A:MET:HE1	13	0.25
(1,3271)	1:168:A:MET:H	1:1:A:MET:HE2	13	0.25
(1,3271)	1:168:A:MET:H	1:1:A:MET:HE3	13	0.25
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	18	0.25
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	18	0.25
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	18	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	12	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	12	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	12	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	20	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	20	0.25
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	20	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	7	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	7	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	7	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	18	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	18	0.25
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	18	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	6	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	6	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	6	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	6	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	6	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	6	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	16	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	16	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	16	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	16	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	16	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	16	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	19	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	19	0.25
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	19	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	19	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	19	0.25
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	19	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	6	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	6	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	6	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	19	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	19	0.25
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	19	0.25
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	6	0.25
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	6	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	6	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	6	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	6	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	6	0.25
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	16	0.25
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	16	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	16	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	16	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	16	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	16	0.25
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	19	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	19	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	19	0.25
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	19	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	19	0.25
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	19	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	6	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	6	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	6	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	6	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	6	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	6	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	16	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	16	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	16	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	16	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	16	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	16	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	19	0.25
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	19	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	19	0.25
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	19	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	19	0.25
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	19	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	4	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	4	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	4	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	5	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	5	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	5	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	6	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	6	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	6	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	14	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	14	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	14	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	16	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	16	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	16	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	17	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	17	0.25
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	17	0.25
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	20	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	20	0.25
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	20	0.25
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	5	0.25
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	5	0.25
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	5	0.25
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG11	7	0.25
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG12	7	0.25
(1,2654)	1:117:A:GLY:H	1:116:A:VAL:HG13	7	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	7	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	7	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	7	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	7	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	7	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	7	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	8	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	8	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	8	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	8	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	8	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	8	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	13	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	13	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	13	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	13	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	13	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	13	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	14	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	14	0.25
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	14	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	14	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	14	0.25
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	14	0.25
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	3	0.25
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	3	0.25
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	3	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	4	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	4	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	4	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	6	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	6	0.25
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	6	0.25
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	11	0.25
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	11	0.25
(1,2330)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	11	0.25
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	11	0.25
(1,2330)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	11	0.25
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD11	9	0.25
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD12	9	0.25
(1,2317)	1:69:A:TRP:HZ3	1:104:A:LEU:HD13	9	0.25
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	4	0.25
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	4	0.25
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	4	0.25
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	6	0.25
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	6	0.25
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	6	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	8	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	8	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	8	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	12	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	12	0.25
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	12	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	2	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	2	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	2	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	2	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	2	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	2	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	15	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	15	0.25
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	15	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	15	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	15	0.25
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	15	0.25
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD21	11	0.25
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD22	11	0.25
(1,1404)	1:51:A:LEU:HB2	1:104:A:LEU:HD23	11	0.25
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD21	11	0.25
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD22	11	0.25
(1,1404)	1:51:A:LEU:HB3	1:104:A:LEU:HD23	11	0.25
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB2	11	0.25
(1,1232)	1:104:A:LEU:HD21	1:51:A:LEU:HB3	11	0.25
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB2	11	0.25
(1,1232)	1:104:A:LEU:HD22	1:51:A:LEU:HB3	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB2	11	0.25
(1,1232)	1:104:A:LEU:HD23	1:51:A:LEU:HB3	11	0.25
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	18	0.25
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	18	0.25
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	18	0.25
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	18	0.25
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	18	0.25
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	18	0.25
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	4	0.25
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	4	0.25
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	4	0.25
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	8	0.25
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	8	0.25
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	8	0.25
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	9	0.25
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	9	0.25
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	9	0.25
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	9	0.25
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	9	0.25
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	9	0.25
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	14	0.25
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	14	0.25
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	14	0.25
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	14	0.25
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	14	0.25
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	14	0.25
(1,5074)	1:30:A:VAL:HG11	1:22:A:ARG:HE	11	0.24
(1,5074)	1:30:A:VAL:HG12	1:22:A:ARG:HE	11	0.24
(1,5074)	1:30:A:VAL:HG13	1:22:A:ARG:HE	11	0.24
(1,5037)	1:96:A:TRP:HA	1:96:A:TRP:HE1	3	0.24
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	19	0.24
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	19	0.24
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	19	0.24
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	10	0.24
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	10	0.24
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	10	0.24
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	16	0.24
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	16	0.24
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	16	0.24
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	20	0.24
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	20	0.24
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	20	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	11	0.24
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	11	0.24
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	11	0.24
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	13	0.24
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	13	0.24
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	13	0.24
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	15	0.24
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	15	0.24
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	15	0.24
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	16	0.24
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	16	0.24
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	16	0.24
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	14	0.24
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	14	0.24
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	14	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	7	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	7	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	7	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	15	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	15	0.24
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	15	0.24
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	10	0.24
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	10	0.24
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	10	0.24
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	10	0.24
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	10	0.24
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	10	0.24
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	18	0.24
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	18	0.24
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	18	0.24
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	10	0.24
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	10	0.24
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	10	0.24
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	10	0.24
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	10	0.24
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	10	0.24
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	10	0.24
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	10	0.24
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	10	0.24
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	10	0.24
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	10	0.24
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	1	0.24
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	1	0.24
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	1	0.24
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	13	0.24
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	13	0.24
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	13	0.24
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	9	0.24
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	9	0.24
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	9	0.24
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	9	0.24
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	9	0.24
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	9	0.24
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	16	0.24
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	16	0.24
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	16	0.24
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	20	0.24
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	20	0.24
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	20	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	2	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	2	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	2	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	5	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	5	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	5	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	18	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	18	0.24
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	18	0.24
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG21	13	0.24
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG22	13	0.24
(1,2323)	1:22:A:ARG:HD2	1:30:A:VAL:HG23	13	0.24
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG21	13	0.24
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG22	13	0.24
(1,2323)	1:22:A:ARG:HD3	1:30:A:VAL:HG23	13	0.24
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	2	0.24
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	2	0.24
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	2	0.24
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	5	0.24
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	5	0.24
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	5	0.24
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	18	0.24
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	18	0.24
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	18	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	12	0.24
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	12	0.24
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	12	0.24
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD11	10	0.24
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD12	10	0.24
(1,1551)	1:144:A:LEU:HD11	1:142:A:LEU:HD13	10	0.24
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD11	10	0.24
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD12	10	0.24
(1,1551)	1:144:A:LEU:HD12	1:142:A:LEU:HD13	10	0.24
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD11	10	0.24
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD12	10	0.24
(1,1551)	1:144:A:LEU:HD13	1:142:A:LEU:HD13	10	0.24
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	20	0.24
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	20	0.24
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	20	0.24
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	20	0.24
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	20	0.24
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	20	0.24
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD11	10	0.24
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD12	10	0.24
(1,1503)	1:142:A:LEU:HD11	1:144:A:LEU:HD13	10	0.24
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD11	10	0.24
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD12	10	0.24
(1,1503)	1:142:A:LEU:HD12	1:144:A:LEU:HD13	10	0.24
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD11	10	0.24
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD12	10	0.24
(1,1503)	1:142:A:LEU:HD13	1:144:A:LEU:HD13	10	0.24
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	11	0.24
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	11	0.24
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	11	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	11	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	11	0.24
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	11	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	11	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	11	0.24
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	11	0.24
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	3	0.24
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	3	0.24
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	3	0.24
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	3	0.24
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	3	0.24
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	3	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	3	0.24
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	3	0.24
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	3	0.24
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	3	0.24
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	3	0.24
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	3	0.24
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	12	0.24
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	12	0.24
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	12	0.24
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG21	6	0.24
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG22	6	0.24
(1,1148)	1:139:A:PHE:HA	1:132:A:VAL:HG23	6	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	11	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	11	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	11	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	13	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	13	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	13	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	15	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	15	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	15	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	16	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	16	0.24
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	16	0.24
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	5	0.24
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	5	0.24
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	5	0.24
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	5	0.24
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	5	0.24
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	5	0.24
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	8	0.24
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	8	0.24
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	8	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	6	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	6	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	6	0.24
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	6	0.24
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	6	0.24
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	6	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	10	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	10	0.24
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	10	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	10	0.24
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	10	0.24
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	10	0.24
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	4	0.24
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	4	0.24
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	4	0.24
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	19	0.24
(1,67)	1:95:A:GLU:HG2	1:96:A:TRP:HZ2	3	0.24
(1,67)	1:95:A:GLU:HG3	1:96:A:TRP:HZ2	3	0.24
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	13	0.23
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	13	0.23
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	13	0.23
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	3	0.23
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	3	0.23
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	2	0.23
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	2	0.23
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	2	0.23
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	3	0.23
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	3	0.23
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	3	0.23
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	8	0.23
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	8	0.23
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	8	0.23
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	20	0.23
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	20	0.23
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	20	0.23
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	14	0.23
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	14	0.23
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	14	0.23
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	9	0.23
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	9	0.23
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	9	0.23
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	5	0.23
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	5	0.23
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	5	0.23
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	12	0.23
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	12	0.23
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	12	0.23
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	16	0.23
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	16	0.23
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	16	0.23
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	17	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	17	0.23
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	17	0.23
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	19	0.23
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	19	0.23
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	19	0.23
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	9	0.23
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	9	0.23
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	9	0.23
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	13	0.23
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	13	0.23
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	13	0.23
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	14	0.23
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	14	0.23
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	14	0.23
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	6	0.23
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	6	0.23
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	6	0.23
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	17	0.23
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	17	0.23
(1,3342)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	17	0.23
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	17	0.23
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	17	0.23
(1,3342)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	17	0.23
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	13	0.23
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	13	0.23
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	13	0.23
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	12	0.23
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	12	0.23
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	12	0.23
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	19	0.23
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	19	0.23
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	19	0.23
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	18	0.23
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	18	0.23
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	18	0.23
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	6	0.23
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	6	0.23
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	6	0.23
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	15	0.23
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	15	0.23
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	15	0.23
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	11	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	11	0.23
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	11	0.23
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	11	0.23
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	11	0.23
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	11	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	2	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	2	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	2	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	3	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	3	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	3	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	8	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	8	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	8	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	20	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	20	0.23
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	20	0.23
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	9	0.23
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	9	0.23
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	9	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	6	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	6	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	6	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	19	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	19	0.23
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	19	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	6	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	6	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	6	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	6	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	6	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	6	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	10	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	10	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	10	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	10	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	10	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	10	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	19	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	19	0.23
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	19	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	19	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	19	0.23
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	19	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	5	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	5	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	5	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	12	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	12	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	12	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	16	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	16	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	16	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	17	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	17	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	17	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	19	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	19	0.23
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	19	0.23
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD11	17	0.23
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD12	17	0.23
(1,2113)	1:52:A:GLY:HA2	1:5:A:LEU:HD13	17	0.23
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD11	17	0.23
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD12	17	0.23
(1,2113)	1:52:A:GLY:HA3	1:5:A:LEU:HD13	17	0.23
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	14	0.23
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	14	0.23
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	14	0.23
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	14	0.23
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	14	0.23
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	14	0.23
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	11	0.23
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	11	0.23
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	11	0.23
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	11	0.23
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	11	0.23
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	11	0.23
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	16	0.23
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	16	0.23
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	16	0.23
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	16	0.23
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	16	0.23
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	16	0.23
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	16	0.23
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	16	0.23
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	15	0.23
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	15	0.23
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	15	0.23
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	15	0.23
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	15	0.23
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	15	0.23
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	14	0.23
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	14	0.23
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	14	0.23
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	14	0.23
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	14	0.23
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	14	0.23
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	13	0.23
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	18	0.23
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	18	0.23
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	18	0.23
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	6	0.23
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	6	0.23
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	6	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	9	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	9	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	9	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	13	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	13	0.23
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	13	0.23
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	13	0.23
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	13	0.23
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	13	0.23
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	8	0.23
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	8	0.23
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	8	0.23
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD11	15	0.23
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD12	15	0.23
(1,761)	1:84:A:LEU:H	1:84:A:LEU:HD13	15	0.23
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	3	0.23
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	9	0.23
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	17	0.23
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	16	0.23
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	16	0.23
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	16	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	16	0.23
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	16	0.23
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	16	0.23
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	1	0.22
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	1	0.22
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	1	0.22
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	14	0.22
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	18	0.22
(1,4848)	1:152:A:LEU:HG	1:153:A:SER:H	9	0.22
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	14	0.22
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	14	0.22
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	14	0.22
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	19	0.22
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	19	0.22
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	19	0.22
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	10	0.22
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	10	0.22
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	10	0.22
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	15	0.22
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	15	0.22
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	15	0.22
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	1	0.22
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	1	0.22
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	1	0.22
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	2	0.22
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	2	0.22
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	2	0.22
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	18	0.22
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	18	0.22
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	18	0.22
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	7	0.22
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	7	0.22
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	7	0.22
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	16	0.22
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	16	0.22
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	16	0.22
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	18	0.22
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	18	0.22
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	18	0.22
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	2	0.22
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	19	0.22
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	19	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	19	0.22
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	12	0.22
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	1	0.22
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	1	0.22
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	1	0.22
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	15	0.22
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	15	0.22
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	15	0.22
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	14	0.22
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	14	0.22
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	14	0.22
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	1	0.22
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	1	0.22
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	1	0.22
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	7	0.22
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	7	0.22
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	7	0.22
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	20	0.22
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	20	0.22
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	20	0.22
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	3	0.22
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	3	0.22
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	3	0.22
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	5	0.22
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	5	0.22
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	5	0.22
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	10	0.22
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	10	0.22
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	10	0.22
(1,3553)	1:32:A:LEU:HD11	1:20:A:LYS:H	13	0.22
(1,3553)	1:32:A:LEU:HD12	1:20:A:LYS:H	13	0.22
(1,3553)	1:32:A:LEU:HD13	1:20:A:LYS:H	13	0.22
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	16	0.22
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	16	0.22
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	16	0.22
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD11	18	0.22
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD12	18	0.22
(1,3333)	1:69:A:TRP:HH2	1:104:A:LEU:HD13	18	0.22
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	11	0.22
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	11	0.22
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	11	0.22
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	11	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	11	0.22
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	11	0.22
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	4	0.22
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	4	0.22
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	4	0.22
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	2	0.22
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	2	0.22
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	2	0.22
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	2	0.22
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	2	0.22
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	2	0.22
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	11	0.22
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	11	0.22
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	11	0.22
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	11	0.22
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	11	0.22
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	11	0.22
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	11	0.22
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	11	0.22
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	11	0.22
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	11	0.22
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	11	0.22
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	11	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	10	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	10	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	10	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	15	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	15	0.22
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	15	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	15	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	15	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	15	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	20	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	20	0.22
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	20	0.22
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	12	0.22
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	18	0.22
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	18	0.22
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	18	0.22
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	18	0.22
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	18	0.22
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	18	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	12	0.22
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	12	0.22
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	12	0.22
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	11	0.22
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	11	0.22
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	11	0.22
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	11	0.22
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	11	0.22
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	11	0.22
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	1	0.22
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	1	0.22
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	1	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	8	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	8	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	8	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	13	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	13	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	13	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	14	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	14	0.22
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	14	0.22
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	8	0.22
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	8	0.22
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	8	0.22
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	13	0.22
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	13	0.22
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	13	0.22
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	14	0.22
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	14	0.22
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	14	0.22
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	15	0.22
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	15	0.22
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	15	0.22
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	15	0.22
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	15	0.22
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	15	0.22
(1,1954)	1:97:A:PHE:HB2	1:98:A:LEU:HG	20	0.22
(1,1954)	1:97:A:PHE:HB3	1:98:A:LEU:HG	20	0.22
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	16	0.22
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	16	0.22
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	16	0.22
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	16	0.22
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	16	0.22
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	4	0.22
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	4	0.22
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	4	0.22
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	16	0.22
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	16	0.22
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	16	0.22
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	18	0.22
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	18	0.22
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	18	0.22
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	10	0.22
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	10	0.22
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	10	0.22
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	13	0.22
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	13	0.22
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	13	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	5	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	5	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	5	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	5	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	5	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	5	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	13	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	13	0.22
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	13	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	13	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	13	0.22
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	13	0.22
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	11	0.22
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	11	0.22
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	11	0.22
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	11	0.22
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	11	0.22
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	11	0.22
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	11	0.22
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	11	0.22
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	11	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	4	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	4	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	4	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	16	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	16	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	18	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	18	0.22
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	18	0.22
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	15	0.22
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	15	0.22
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	15	0.22
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	15	0.22
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	15	0.22
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	15	0.22
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	19	0.22
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	19	0.22
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	19	0.22
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	14	0.22
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	14	0.22
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	14	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	3	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	3	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	3	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	5	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	5	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	5	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	10	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	10	0.22
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	10	0.22
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	19	0.22
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	19	0.22
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	19	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	7	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	7	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	7	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	20	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	20	0.22
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	20	0.22
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	12	0.22
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	12	0.22
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	12	0.22
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	12	0.22
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	12	0.22
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	12	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	5	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	5	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	19	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	19	0.22
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	19	0.22
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	2	0.22
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	4	0.22
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	11	0.22
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	15	0.22
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	20	0.22
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	6	0.22
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	6	0.22
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	6	0.22
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	6	0.22
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	6	0.22
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	6	0.22
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	6	0.22
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	6	0.22
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	6	0.22
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	6	0.22
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	6	0.22
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	6	0.22
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	16	0.22
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	16	0.22
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	16	0.22
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	12	0.22
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	12	0.22
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	12	0.22
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	12	0.22
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	12	0.22
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	12	0.22
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	7	0.21
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	7	0.21
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	7	0.21
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	2	0.21
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	10	0.21
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	12	0.21
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	15	0.21
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	11	0.21
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	11	0.21
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	14	0.21
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4763)	1:144:A:LEU:HD11	1:145:A:ASP:H	13	0.21
(1,4763)	1:144:A:LEU:HD12	1:145:A:ASP:H	13	0.21
(1,4763)	1:144:A:LEU:HD13	1:145:A:ASP:H	13	0.21
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	13	0.21
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	13	0.21
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	13	0.21
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	10	0.21
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	10	0.21
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	10	0.21
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	11	0.21
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	11	0.21
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	11	0.21
(1,4429)	1:104:A:LEU:HD11	1:108:A:LEU:H	9	0.21
(1,4429)	1:104:A:LEU:HD12	1:108:A:LEU:H	9	0.21
(1,4429)	1:104:A:LEU:HD13	1:108:A:LEU:H	9	0.21
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	15	0.21
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	15	0.21
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	15	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	1	0.21
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	1	0.21
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	1	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	4	0.21
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	4	0.21
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	4	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	6	0.21
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	6	0.21
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	6	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	14	0.21
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	14	0.21
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	14	0.21
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	19	0.21
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	19	0.21
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	19	0.21
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	1	0.21
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	3	0.21
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	12	0.21
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	13	0.21
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	5	0.21
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	5	0.21
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	5	0.21
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	14	0.21
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3902)	1:140:A:VAL:HG11	1:103:A:MET:H	3	0.21
(1,3902)	1:140:A:VAL:HG12	1:103:A:MET:H	3	0.21
(1,3902)	1:140:A:VAL:HG13	1:103:A:MET:H	3	0.21
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	3	0.21
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	3	0.21
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	3	0.21
(1,3787)	1:48:A:VAL:HG11	1:48:A:VAL:H	9	0.21
(1,3787)	1:48:A:VAL:HG12	1:48:A:VAL:H	9	0.21
(1,3787)	1:48:A:VAL:HG13	1:48:A:VAL:H	9	0.21
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	12	0.21
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	12	0.21
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	12	0.21
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	4	0.21
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	4	0.21
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	4	0.21
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	19	0.21
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	19	0.21
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	19	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	7	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	7	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	7	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	8	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	8	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	8	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	12	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	12	0.21
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	12	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	10	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	10	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	10	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	10	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	10	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	10	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	12	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	12	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	12	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	12	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	12	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	12	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	17	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	17	0.21
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	17	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	17	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	17	0.21
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	17	0.21
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	1	0.21
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	1	0.21
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	1	0.21
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	13	0.21
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	13	0.21
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	13	0.21
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	15	0.21
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	15	0.21
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	15	0.21
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	20	0.21
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	20	0.21
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	20	0.21
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	9	0.21
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	9	0.21
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	9	0.21
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	13	0.21
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	13	0.21
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	13	0.21
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	8	0.21
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	8	0.21
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	8	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	7	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	7	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	7	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	14	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	14	0.21
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	14	0.21
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	7	0.21
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	7	0.21
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	7	0.21
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	14	0.21
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	14	0.21
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	14	0.21
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	11	0.21
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	11	0.21
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	11	0.21
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	12	0.21
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	12	0.21
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	12	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD21	1	0.21
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD22	1	0.21
(1,2758)	1:14:A:THR:H	1:87:A:LEU:HD23	1	0.21
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	13	0.21
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG11	9	0.21
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG12	9	0.21
(1,2450)	1:48:A:VAL:H	1:48:A:VAL:HG13	9	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	7	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	7	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	7	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	15	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	15	0.21
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	15	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	2	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	2	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	2	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	5	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	5	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	5	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	7	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	7	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	7	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	17	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	17	0.21
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	17	0.21
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	7	0.21
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	7	0.21
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	7	0.21
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	15	0.21
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	15	0.21
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	15	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	14	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	14	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	14	0.21
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	14	0.21
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	14	0.21
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	14	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	16	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	16	0.21
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	16	0.21
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	16	0.21
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	16	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	16	0.21
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	3	0.21
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	3	0.21
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	3	0.21
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG21	4	0.21
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG22	4	0.21
(1,1539)	1:21:A:ILE:HB	1:30:A:VAL:HG23	4	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	1	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	1	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	1	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	1	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	1	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	1	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	9	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	9	0.21
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	9	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	9	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	9	0.21
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	9	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	1	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	1	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	1	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	1	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	1	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	1	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	7	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	7	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	7	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	7	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	7	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	7	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	8	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	8	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	8	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	8	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	8	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	8	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	10	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	10	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	10	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	10	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	10	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	10	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	12	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	12	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	12	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	12	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	12	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	12	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	17	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	17	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	17	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	17	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	17	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	17	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	19	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	19	0.21
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	19	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	19	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	19	0.21
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	19	0.21
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	10	0.21
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	10	0.21
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	10	0.21
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	10	0.21
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	10	0.21
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	10	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	12	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	12	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	12	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	12	0.21
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	12	0.21
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	12	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	17	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	17	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	17	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	17	0.21
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	17	0.21
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	17	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	18	0.21
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	18	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	18	0.21
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	18	0.21
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	18	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	18	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	12	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	12	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	12	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	12	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	12	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	12	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	17	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	17	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	17	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	17	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	17	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	17	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	18	0.21
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	18	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	18	0.21
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	18	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	18	0.21
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	18	0.21
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	1	0.21
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	1	0.21
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	1	0.21
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	1	0.21
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	1	0.21
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	1	0.21
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	9	0.21
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	9	0.21
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	9	0.21
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	9	0.21
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	9	0.21
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	9	0.21
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	3	0.21
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	3	0.21
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	3	0.21
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	4	0.21
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	4	0.21
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	4	0.21
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	4	0.21
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	4	0.21
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	4	0.21
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	10	0.21
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	10	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	10	0.21
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	13	0.21
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	13	0.21
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	13	0.21
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD11	9	0.21
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD12	9	0.21
(1,852)	1:108:A:LEU:H	1:104:A:LEU:HD13	9	0.21
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD11	13	0.21
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD12	13	0.21
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD13	13	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	4	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	4	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	4	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	19	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	19	0.21
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	19	0.21
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	12	0.21
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	12	0.21
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	12	0.21
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	7	0.21
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	7	0.21
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	7	0.21
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	1	0.21
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	3	0.21
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	12	0.21
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	8	0.21
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE1	19	0.21
(1,200)	1:87:A:LEU:HD11	1:85:A:TYR:HE2	19	0.21
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE1	19	0.21
(1,200)	1:87:A:LEU:HD12	1:85:A:TYR:HE2	19	0.21
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE1	19	0.21
(1,200)	1:87:A:LEU:HD13	1:85:A:TYR:HE2	19	0.21
(1,67)	1:95:A:GLU:HG2	1:96:A:TRP:HZ2	6	0.21
(1,67)	1:95:A:GLU:HG3	1:96:A:TRP:HZ2	6	0.21
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	13	0.21
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	13	0.21
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	13	0.21
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	13	0.21
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	4	0.21
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	4	0.21
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	4	0.21
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	4	0.21
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	4	0.21
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	2	0.2
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	2	0.2
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	2	0.2
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	14	0.2
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	14	0.2
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	14	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	1	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	4	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	6	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	7	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	8	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	13	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	17	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	19	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	20	0.2
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE21	13	0.2
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE22	13	0.2
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE21	13	0.2
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE22	13	0.2
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	12	0.2
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	12	0.2
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	19	0.2
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	13	0.2
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	13	0.2
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	13	0.2
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	16	0.2
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	16	0.2
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	15	0.2
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	15	0.2
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	1	0.2
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	1	0.2
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	1	0.2
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	2	0.2
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	2	0.2
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	2	0.2
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	3	0.2
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	3	0.2
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	3	0.2
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	6	0.2
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	6	0.2
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	10	0.2
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	10	0.2
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	10	0.2
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	2	0.2
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	2	0.2
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	2	0.2
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	19	0.2
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	19	0.2
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	19	0.2
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	16	0.2
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	16	0.2
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	16	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	5	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	5	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	5	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	10	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	10	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	10	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	11	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	11	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	11	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	13	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	13	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	13	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	15	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	15	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	15	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	17	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	17	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	17	0.2
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	20	0.2
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	20	0.2
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	20	0.2
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	5	0.2
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	8	0.2
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	19	0.2
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	1	0.2
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	2	0.2
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	14	0.2
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	17	0.2
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	18	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	20	0.2
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	12	0.2
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	12	0.2
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	12	0.2
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	15	0.2
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	15	0.2
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	15	0.2
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	19	0.2
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	19	0.2
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	19	0.2
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	14	0.2
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	14	0.2
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	14	0.2
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	11	0.2
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	11	0.2
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	13	0.2
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	13	0.2
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	6	0.2
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	6	0.2
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	6	0.2
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	7	0.2
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	7	0.2
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	7	0.2
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	9	0.2
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	9	0.2
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	9	0.2
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	14	0.2
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	14	0.2
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	14	0.2
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	20	0.2
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	20	0.2
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	20	0.2
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	12	0.2
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	12	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	2	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	2	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	2	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	4	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	4	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	4	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	9	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	9	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	10	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	10	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	10	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	14	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	14	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	14	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	17	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	17	0.2
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	17	0.2
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	6	0.2
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	6	0.2
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	6	0.2
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	7	0.2
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	7	0.2
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	7	0.2
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	17	0.2
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	17	0.2
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	17	0.2
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	1	0.2
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	1	0.2
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	1	0.2
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	1	0.2
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	1	0.2
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	1	0.2
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	16	0.2
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	16	0.2
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	16	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	13	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	13	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	13	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	14	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	14	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	14	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	15	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	15	0.2
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	15	0.2
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	10	0.2
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	10	0.2
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	10	0.2
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	1	0.2
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	2	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	14	0.2
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	17	0.2
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	18	0.2
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	20	0.2
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	15	0.2
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	15	0.2
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	15	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	3	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	3	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	3	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	10	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	10	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	10	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	12	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	12	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	12	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	20	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	20	0.2
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	20	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	1	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	1	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	1	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	6	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	6	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	6	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	10	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	10	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	10	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	13	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	13	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	13	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	15	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	15	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	15	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	18	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	18	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	18	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	19	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	19	0.2
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	19	0.2
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	3	0.2
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	3	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	3	0.2
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	10	0.2
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	10	0.2
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	10	0.2
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	12	0.2
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	12	0.2
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	12	0.2
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	20	0.2
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	20	0.2
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	20	0.2
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	9	0.2
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	9	0.2
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	9	0.2
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	9	0.2
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	9	0.2
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	9	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	2	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	2	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	2	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	2	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	2	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	2	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	3	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	3	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	3	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	3	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	3	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	3	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	4	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	4	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	4	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	4	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	4	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	4	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	7	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	7	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	7	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	7	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	7	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	7	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	10	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	10	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	10	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	10	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	10	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	10	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	11	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	11	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	11	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	11	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	11	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	11	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	12	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	12	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	12	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	12	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	12	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	12	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	17	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	17	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	17	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	17	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	17	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	17	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	20	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	20	0.2
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	20	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	20	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	20	0.2
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	20	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	3	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	3	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	3	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	3	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	3	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	3	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	6	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	6	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	6	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	6	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	6	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	6	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	9	0.2
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	9	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	9	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	9	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	9	0.2
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	9	0.2
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	3	0.2
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	3	0.2
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	3	0.2
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	3	0.2
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	3	0.2
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	3	0.2
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	3	0.2
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	3	0.2
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	3	0.2
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	14	0.2
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	14	0.2
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	14	0.2
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	14	0.2
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	14	0.2
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	14	0.2
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	14	0.2
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	14	0.2
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	14	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	3	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	3	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	3	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	3	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	3	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	3	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	8	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	8	0.2
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	8	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	8	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	8	0.2
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	8	0.2
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	20	0.2
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	20	0.2
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	20	0.2
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	20	0.2
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	20	0.2
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	20	0.2
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	20	0.2
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	20	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	20	0.2
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	20	0.2
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	20	0.2
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	20	0.2
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	16	0.2
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	16	0.2
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	16	0.2
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	16	0.2
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	16	0.2
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	16	0.2
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	16	0.2
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	16	0.2
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	16	0.2
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	16	0.2
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	16	0.2
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	16	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	1	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	1	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	1	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	2	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	2	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	2	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	3	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	3	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	3	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	6	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	6	0.2
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	6	0.2
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	12	0.2
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	12	0.2
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	12	0.2
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	19	0.2
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	19	0.2
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	19	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	14	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	14	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	14	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	20	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	20	0.2
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	20	0.2
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	6	0.2
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	6	0.2
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	2	0.2
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	2	0.2
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	2	0.2
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	2	0.2
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	2	0.2
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	2	0.2
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	5	0.2
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	8	0.2
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	19	0.2
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	7	0.2
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	3	0.19
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	5	0.19
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	9	0.19
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	16	0.19
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	8	0.19
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	9	0.19
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	10	0.19
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	7	0.19
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	7	0.19
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	7	0.19
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	9	0.19
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	9	0.19
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	9	0.19
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	5	0.19
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	5	0.19
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	15	0.19
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	15	0.19
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	12	0.19
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	12	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	1	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	1	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	2	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	2	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	6	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	6	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	8	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	8	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	10	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	10	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	11	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	14	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	14	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	17	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	17	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	18	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	18	0.19
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	20	0.19
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	20	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	4	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	4	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	4	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	5	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	5	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	5	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	8	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	8	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	8	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	9	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	9	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	9	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	11	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	11	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	11	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	12	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	12	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	12	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	15	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	15	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	15	0.19
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	17	0.19
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	17	0.19
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	17	0.19
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	19	0.19
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	19	0.19
(1,4435)	1:108:A:LEU:HD21	1:109:A:SER:H	19	0.19
(1,4435)	1:108:A:LEU:HD22	1:109:A:SER:H	19	0.19
(1,4435)	1:108:A:LEU:HD23	1:109:A:SER:H	19	0.19
(1,4305)	1:98:A:LEU:HD21	1:98:A:LEU:H	1	0.19
(1,4305)	1:98:A:LEU:HD22	1:98:A:LEU:H	1	0.19
(1,4305)	1:98:A:LEU:HD23	1:98:A:LEU:H	1	0.19
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	18	0.19
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	18	0.19
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	18	0.19
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	18	0.19
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	18	0.19
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	6	0.19
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	6	0.19
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	6	0.19
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	2	0.19
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	2	0.19
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	2	0.19
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	3	0.19
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	3	0.19
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	3	0.19
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	12	0.19
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	12	0.19
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	12	0.19
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	4	0.19
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	5	0.19
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	5	0.19
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	5	0.19
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	6	0.19
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	6	0.19
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	6	0.19
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	5	0.19
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	6	0.19
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	9	0.19
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	16	0.19
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	2	0.19
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	2	0.19
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	2	0.19
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	19	0.19
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	19	0.19
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	20	0.19
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	20	0.19
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	20	0.19
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	7	0.19
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	7	0.19
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	7	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	3	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	3	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	3	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	5	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	5	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	5	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	6	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	6	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	6	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	15	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	15	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	15	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	18	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	18	0.19
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	18	0.19
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	5	0.19
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	5	0.19
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	5	0.19
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	11	0.19
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	11	0.19
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	11	0.19
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	1	0.19
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	1	0.19
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	1	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	4	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	4	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	4	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	8	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	8	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	8	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	13	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	13	0.19
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	13	0.19
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	4	0.19
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	4	0.19
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	4	0.19
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	8	0.19
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	8	0.19
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	8	0.19
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	13	0.19
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	13	0.19
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	13	0.19
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	14	0.19
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	14	0.19
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	14	0.19
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	3	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	3	0.19
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	3	0.19
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD21	19	0.19
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD22	19	0.19
(1,2898)	1:109:A:SER:H	1:108:A:LEU:HD23	19	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	7	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	7	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	7	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	9	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	9	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	9	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	16	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	16	0.19
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	16	0.19
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	18	0.19
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	18	0.19
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	18	0.19
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	5	0.19
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	6	0.19
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	9	0.19
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	16	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	3	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	3	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	3	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	3	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	3	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	3	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	4	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	4	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	4	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	4	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	4	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	4	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	16	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	16	0.19
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	16	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	16	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	16	0.19
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	16	0.19
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	6	0.19
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	6	0.19
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	11	0.19
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	11	0.19
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	11	0.19
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	11	0.19
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	11	0.19
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	11	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	1	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	1	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	1	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	16	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	16	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	16	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	17	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	17	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	17	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	19	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	19	0.19
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	19	0.19
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD11	7	0.19
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD12	7	0.19
(1,2320)	1:153:A:SER:H	1:152:A:LEU:HD13	7	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	9	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	9	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	9	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	11	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	11	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	11	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	20	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	20	0.19
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	20	0.19
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	1	0.19
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	1	0.19
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	1	0.19
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	16	0.19
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	16	0.19
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	16	0.19
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	17	0.19
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	17	0.19
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	17	0.19
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	19	0.19
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	19	0.19
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	1	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	1	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	1	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	1	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	1	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	1	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	5	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	5	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	5	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	5	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	5	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	5	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	6	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	6	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	6	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	6	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	6	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	6	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	8	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	8	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	8	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	8	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	8	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	8	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	9	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	9	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	9	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	9	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	9	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	9	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	18	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	18	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	18	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	18	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	18	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	18	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	19	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	19	0.19
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	19	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	19	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	19	0.19
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	19	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	15	0.19
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	15	0.19
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	15	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	14	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	14	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	14	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	14	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	14	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	14	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	16	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	16	0.19
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	16	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	16	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	16	0.19
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	16	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	16	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	16	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	16	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	16	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	16	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	16	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	16	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	16	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	16	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	17	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	17	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	17	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	17	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	17	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	17	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	17	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	17	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	17	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	18	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	18	0.19
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	18	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	18	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	18	0.19
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	18	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	18	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	18	0.19
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	1	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	1	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	1	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	1	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	1	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	1	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	2	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	2	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	2	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	2	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	2	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	2	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	4	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	4	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	4	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	4	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	4	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	4	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	5	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	5	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	5	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	5	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	5	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	5	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	14	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	14	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	14	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	14	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	14	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	14	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	15	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	15	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	15	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	15	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	15	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	15	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	17	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	17	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	17	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	17	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	17	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	18	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	18	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	18	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	18	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	18	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	18	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	20	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	20	0.19
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	20	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	20	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	20	0.19
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	20	0.19
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	2	0.19
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	14	0.19
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	18	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	4	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	4	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	4	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	5	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	5	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	5	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	8	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	8	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	8	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	9	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	9	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	9	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	11	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	11	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	11	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	12	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	12	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	12	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	15	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	15	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	15	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	17	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	17	0.19
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	17	0.19
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	6	0.19
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	6	0.19
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	6	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	7	0.19
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	7	0.19
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	7	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	5	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	5	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	5	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	6	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	6	0.19
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	6	0.19
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	17	0.19
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	17	0.19
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	17	0.19
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	17	0.19
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	17	0.19
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	17	0.19
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD11	15	0.19
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD12	15	0.19
(1,735)	1:74:A:ASP:H	1:75:A:LEU:HD13	15	0.19
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	4	0.19
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	15	0.19
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	15	0.19
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	15	0.19
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	15	0.19
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	15	0.19
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	15	0.19
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	18	0.19
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	18	0.19
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	18	0.19
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	18	0.19
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	18	0.19
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	18	0.19
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	5	0.19
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	5	0.19
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	5	0.19
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	5	0.19
(1,5206)	1:119:A:TRP:HA	1:119:A:TRP:HE1	11	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE21	9	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE22	9	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE21	20	0.18
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE22	20	0.18
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE21	9	0.18
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE22	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE21	20	0.18
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE22	20	0.18
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	13	0.18
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	13	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	1	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	3	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	7	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	14	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	15	0.18
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	18	0.18
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	18	0.18
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	18	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	3	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	3	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	3	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	5	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	5	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	5	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	6	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	6	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	6	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	8	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	8	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	8	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	10	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	10	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	10	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	12	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	12	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	12	0.18
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	17	0.18
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	17	0.18
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	17	0.18
(1,4936)	1:162:A:GLU:HG2	1:162:A:GLU:H	12	0.18
(1,4936)	1:162:A:GLU:HG3	1:162:A:GLU:H	12	0.18
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	13	0.18
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	13	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	4	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	4	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	5	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	5	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	7	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	7	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	9	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	9	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	12	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	12	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	13	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	13	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	16	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	16	0.18
(1,4677)	1:137:A:GLN:HG2	1:138:A:LEU:H	19	0.18
(1,4677)	1:137:A:GLN:HG3	1:138:A:LEU:H	19	0.18
(1,4674)	1:138:A:LEU:HD21	1:138:A:LEU:H	3	0.18
(1,4674)	1:138:A:LEU:HD22	1:138:A:LEU:H	3	0.18
(1,4674)	1:138:A:LEU:HD23	1:138:A:LEU:H	3	0.18
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	3	0.18
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	3	0.18
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	3	0.18
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	9	0.18
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	9	0.18
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	10	0.18
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	7	0.18
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	7	0.18
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	7	0.18
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	13	0.18
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	13	0.18
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	13	0.18
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	16	0.18
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	16	0.18
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	16	0.18
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	18	0.18
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	18	0.18
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	18	0.18
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	20	0.18
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	20	0.18
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	20	0.18
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	16	0.18
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	16	0.18
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	16	0.18
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	8	0.18
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	8	0.18
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	8	0.18
(1,4145)	1:108:A:LEU:HD11	1:84:A:LEU:H	9	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4145)	1:108:A:LEU:HD12	1:84:A:LEU:H	9	0.18
(1,4145)	1:108:A:LEU:HD13	1:84:A:LEU:H	9	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	6	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	9	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	13	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	14	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	16	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	17	0.18
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	20	0.18
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	7	0.18
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	8	0.18
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	10	0.18
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	4	0.18
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	4	0.18
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	4	0.18
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	7	0.18
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	7	0.18
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	7	0.18
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	20	0.18
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	20	0.18
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	20	0.18
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	2	0.18
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	2	0.18
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	2	0.18
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	4	0.18
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	4	0.18
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	4	0.18
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	10	0.18
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	10	0.18
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	10	0.18
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	13	0.18
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	13	0.18
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	20	0.18
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	20	0.18
(1,3818)	1:49:A:LEU:HD11	1:50:A:ILE:H	2	0.18
(1,3818)	1:49:A:LEU:HD12	1:50:A:ILE:H	2	0.18
(1,3818)	1:49:A:LEU:HD13	1:50:A:ILE:H	2	0.18
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	6	0.18
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	6	0.18
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	12	0.18
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	12	0.18
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	15	0.18
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	14	0.18
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	14	0.18
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	14	0.18
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	11	0.18
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	11	0.18
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	11	0.18
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	18	0.18
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	18	0.18
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	18	0.18
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	1	0.18
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	1	0.18
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	1	0.18
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	9	0.18
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	9	0.18
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	10	0.18
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	10	0.18
(1,3346)	1:98:A:LEU:H	2:201:A:FMN:HN3	11	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	1	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	1	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	1	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	11	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	11	0.18
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	11	0.18
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	16	0.18
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	16	0.18
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	16	0.18
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	16	0.18
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	16	0.18
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	16	0.18
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	4	0.18
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	4	0.18
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	4	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	9	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	9	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	9	0.18
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	9	0.18
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	9	0.18
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	9	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD21	15	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD22	15	0.18
(1,3052)	1:120:A:PRO:HD2	1:138:A:LEU:HD23	15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD21	15	0.18
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD22	15	0.18
(1,3052)	1:120:A:PRO:HD3	1:138:A:LEU:HD23	15	0.18
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	6	0.18
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	6	0.18
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	6	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	9	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	9	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	9	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	17	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	17	0.18
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	17	0.18
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	9	0.18
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	9	0.18
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	9	0.18
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	17	0.18
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	17	0.18
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	17	0.18
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	9	0.18
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	9	0.18
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	9	0.18
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	9	0.18
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	9	0.18
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	9	0.18
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	15	0.18
(1,2953)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	15	0.18
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	15	0.18
(1,2953)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	15	0.18
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	15	0.18
(1,2953)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	15	0.18
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	9	0.18
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	9	0.18
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	9	0.18
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	9	0.18
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	9	0.18
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	9	0.18
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD2	15	0.18
(1,2951)	1:138:A:LEU:HD21	1:120:A:PRO:HD3	15	0.18
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD2	15	0.18
(1,2951)	1:138:A:LEU:HD22	1:120:A:PRO:HD3	15	0.18
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD2	15	0.18
(1,2951)	1:138:A:LEU:HD23	1:120:A:PRO:HD3	15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	12	0.18
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	12	0.18
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	12	0.18
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	10	0.18
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	10	0.18
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	10	0.18
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	7	0.18
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	8	0.18
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	10	0.18
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	6	0.18
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	6	0.18
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	6	0.18
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	6	0.18
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	6	0.18
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	6	0.18
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG11	9	0.18
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG12	9	0.18
(1,2448)	1:3:A:MET:HA	1:48:A:VAL:HG13	9	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	9	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	9	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	9	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	16	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	16	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	16	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	20	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	20	0.18
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	20	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	3	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	3	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	3	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	4	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	4	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	4	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	8	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	8	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	8	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	12	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	12	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	12	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	16	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	16	0.18
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	8	0.18
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	8	0.18
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	11	0.18
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	11	0.18
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	14	0.18
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	14	0.18
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	9	0.18
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	9	0.18
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	9	0.18
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	9	0.18
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	9	0.18
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	9	0.18
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	9	0.18
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	9	0.18
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	9	0.18
(1,2086)	1:48:A:VAL:HG11	1:3:A:MET:HA	9	0.18
(1,2086)	1:48:A:VAL:HG12	1:3:A:MET:HA	9	0.18
(1,2086)	1:48:A:VAL:HG13	1:3:A:MET:HA	9	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	6	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	6	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	6	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	10	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	10	0.18
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	10	0.18
(1,1825)	1:98:A:LEU:HD21	1:98:A:LEU:HA	19	0.18
(1,1825)	1:98:A:LEU:HD22	1:98:A:LEU:HA	19	0.18
(1,1825)	1:98:A:LEU:HD23	1:98:A:LEU:HA	19	0.18
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	6	0.18
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	6	0.18
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	6	0.18
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	3	0.18
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	3	0.18
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	3	0.18
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	3	0.18
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	3	0.18
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	3	0.18
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	18	0.18
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	18	0.18
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	18	0.18
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	18	0.18
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	18	0.18
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	18	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD11	15	0.18
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD12	15	0.18
(1,1451)	1:43:A:MET:HB2	1:49:A:LEU:HD13	15	0.18
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD11	15	0.18
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD12	15	0.18
(1,1451)	1:43:A:MET:HB3	1:49:A:LEU:HD13	15	0.18
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	6	0.18
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	6	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	7	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	7	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	7	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	7	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	7	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	7	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	11	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	11	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	11	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	11	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	11	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	11	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	12	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	12	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	12	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	12	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	12	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	12	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	16	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	16	0.18
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	16	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	16	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	16	0.18
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	16	0.18
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	4	0.18
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	4	0.18
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	4	0.18
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	4	0.18
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	4	0.18
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	4	0.18
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	11	0.18
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	11	0.18
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	11	0.18
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	11	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	11	0.18
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	11	0.18
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	4	0.18
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	4	0.18
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	4	0.18
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	4	0.18
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	4	0.18
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	4	0.18
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	11	0.18
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	11	0.18
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	11	0.18
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	11	0.18
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	11	0.18
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	11	0.18
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	12	0.18
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	12	0.18
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	12	0.18
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	12	0.18
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	12	0.18
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	12	0.18
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB2	13	0.18
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB3	13	0.18
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB2	13	0.18
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB3	13	0.18
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB2	13	0.18
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB3	13	0.18
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	3	0.18
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	3	0.18
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	3	0.18
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	3	0.18
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	3	0.18
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	3	0.18
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG11	11	0.18
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG12	11	0.18
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG13	11	0.18
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	20	0.18
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	20	0.18
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	20	0.18
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD21	19	0.18
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD22	19	0.18
(1,1155)	1:98:A:LEU:HA	1:98:A:LEU:HD23	19	0.18
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	8	0.18
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	8	0.18
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	8	0.18
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	8	0.18
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	8	0.18
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	20	0.18
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	4	0.18
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	11	0.18
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	16	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	7	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	7	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	7	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	13	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	13	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	13	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	16	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	16	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	16	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	18	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	18	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	18	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	20	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	20	0.18
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	20	0.18
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	1	0.18
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	1	0.18
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	1	0.18
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	16	0.18
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	16	0.18
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	16	0.18
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	14	0.18
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	14	0.18
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	14	0.18
(1,796)	1:5:A:LEU:HA	1:5:A:LEU:HD11	20	0.18
(1,796)	1:5:A:LEU:HA	1:5:A:LEU:HD12	20	0.18
(1,796)	1:5:A:LEU:HA	1:5:A:LEU:HD13	20	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	1	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	1	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	1	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	1	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	1	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	1	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	7	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	7	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	7	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	7	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	7	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	7	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	18	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	18	0.18
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	18	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	18	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	18	0.18
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	18	0.18
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	6	0.18
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	6	0.18
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	6	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	6	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	9	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	13	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	14	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	16	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	17	0.18
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	20	0.18
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	1	0.18
(1,376)	1:172:A:TYR:HE1	1:172:A:TYR:HA	13	0.18
(1,376)	1:172:A:TYR:HE2	1:172:A:TYR:HA	13	0.18
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	9	0.18
(1,159)	1:172:A:TYR:HA	1:172:A:TYR:HE1	13	0.18
(1,159)	1:172:A:TYR:HA	1:172:A:TYR:HE2	13	0.18
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	8	0.18
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	8	0.18
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	8	0.18
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	8	0.18
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	8	0.18
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	8	0.18
(2,129)	1:132:A:VAL:HG21	1:134:A:ALA:H	11	0.17
(2,129)	1:132:A:VAL:HG22	1:134:A:ALA:H	11	0.17
(2,129)	1:132:A:VAL:HG23	1:134:A:ALA:H	11	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD21	4	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD22	4	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD23	4	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD21	15	0.17
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD22	15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,72)	1:72:A:LEU:H	1:77:A:LEU:HD23	15	0.17
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE21	2	0.17
(1,5149)	1:148:A:ASN:H	1:90:A:GLN:HE22	2	0.17
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE21	2	0.17
(1,5126)	1:148:A:ASN:H	1:90:A:GLN:HE22	2	0.17
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	2	0.17
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	4	0.17
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	5	0.17
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	6	0.17
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	12	0.17
(1,5037)	1:96:A:TRP:HA	1:96:A:TRP:HE1	6	0.17
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	4	0.17
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	4	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	1	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	1	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	1	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	2	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	2	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	2	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	11	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	11	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	11	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	18	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	18	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	18	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	19	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	19	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	19	0.17
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	20	0.17
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	20	0.17
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	20	0.17
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	10	0.17
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	3	0.17
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	3	0.17
(1,4657)	1:137:A:GLN:HB2	1:136:A:GLY:H	3	0.17
(1,4657)	1:137:A:GLN:HB3	1:136:A:GLY:H	3	0.17
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	5	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	5	0.17
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	7	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	7	0.17
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	11	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	11	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	15	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	15	0.17
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	16	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	16	0.17
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	20	0.17
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	20	0.17
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	14	0.17
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	15	0.17
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	3	0.17
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	3	0.17
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	3	0.17
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	7	0.17
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	7	0.17
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	7	0.17
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	10	0.17
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	10	0.17
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	10	0.17
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	16	0.17
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	16	0.17
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	16	0.17
(1,4474)	1:113:A:VAL:HG11	1:112:A:GLY:H	14	0.17
(1,4474)	1:113:A:VAL:HG12	1:112:A:GLY:H	14	0.17
(1,4474)	1:113:A:VAL:HG13	1:112:A:GLY:H	14	0.17
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	1	0.17
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	1	0.17
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	13	0.17
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	13	0.17
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	10	0.17
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	10	0.17
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	10	0.17
(1,4305)	1:98:A:LEU:HD21	1:98:A:LEU:H	7	0.17
(1,4305)	1:98:A:LEU:HD22	1:98:A:LEU:H	7	0.17
(1,4305)	1:98:A:LEU:HD23	1:98:A:LEU:H	7	0.17
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	10	0.17
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	10	0.17
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	10	0.17
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	4	0.17
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	4	0.17
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	4	0.17
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	7	0.17
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	7	0.17
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4229)	1:91:A:LEU:HD21	1:91:A:LEU:H	20	0.17
(1,4229)	1:91:A:LEU:HD22	1:91:A:LEU:H	20	0.17
(1,4229)	1:91:A:LEU:HD23	1:91:A:LEU:H	20	0.17
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	17	0.17
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	17	0.17
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	17	0.17
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	7	0.17
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	10	0.17
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	11	0.17
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	15	0.17
(1,4079)	1:77:A:LEU:HA	1:78:A:GLU:H	18	0.17
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	2	0.17
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	2	0.17
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	2	0.17
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	15	0.17
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	19	0.17
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	5	0.17
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	5	0.17
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	5	0.17
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	8	0.17
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	8	0.17
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	8	0.17
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	17	0.17
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	17	0.17
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	17	0.17
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	18	0.17
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	18	0.17
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	18	0.17
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	9	0.17
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	9	0.17
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	9	0.17
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	20	0.17
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	20	0.17
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	20	0.17
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	3	0.17
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	3	0.17
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	12	0.17
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	12	0.17
(1,3766)	1:75:A:LEU:HD21	1:44:A:GLU:H	16	0.17
(1,3766)	1:75:A:LEU:HD22	1:44:A:GLU:H	16	0.17
(1,3766)	1:75:A:LEU:HD23	1:44:A:GLU:H	16	0.17
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	5	0.17
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	5	0.17
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	10	0.17
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	10	0.17
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	10	0.17
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	17	0.17
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	17	0.17
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	17	0.17
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	8	0.17
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	8	0.17
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	16	0.17
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	16	0.17
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	17	0.17
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	2	0.17
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	5	0.17
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	18	0.17
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	13	0.17
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	13	0.17
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	19	0.17
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	19	0.17
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	19	0.17
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	9	0.17
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	9	0.17
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	9	0.17
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	9	0.17
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	9	0.17
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	9	0.17
(1,3247)	1:51:A:LEU:HD11	1:65:A:TRP:HH2	10	0.17
(1,3247)	1:51:A:LEU:HD12	1:65:A:TRP:HH2	10	0.17
(1,3247)	1:51:A:LEU:HD13	1:65:A:TRP:HH2	10	0.17
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	6	0.17
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	6	0.17
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	6	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	5	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	5	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	5	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	16	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	16	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	16	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	18	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	18	0.17
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	18	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	5	0.17
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	5	0.17
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	5	0.17
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	16	0.17
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	16	0.17
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	16	0.17
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	18	0.17
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	18	0.17
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	18	0.17
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	16	0.17
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	16	0.17
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	16	0.17
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	10	0.17
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	10	0.17
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	10	0.17
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	5	0.17
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	5	0.17
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	5	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	5	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	5	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	5	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	11	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	11	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	11	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD11	13	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD12	13	0.17
(1,2481)	1:43:A:MET:H	1:49:A:LEU:HD13	13	0.17
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	5	0.17
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	5	0.17
(1,2409)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	5	0.17
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	5	0.17
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	5	0.17
(1,2409)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	5	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	2	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	2	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	2	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	3	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	3	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	3	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	5	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	5	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	6	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	6	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	6	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	7	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	7	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	7	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	8	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	8	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	8	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	10	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	10	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	10	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	14	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	14	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	14	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	17	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	17	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	17	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	18	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	18	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	18	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	19	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	19	0.17
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	19	0.17
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG21	14	0.17
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG22	14	0.17
(1,2272)	1:23:A:ASP:H	1:21:A:ILE:HG23	14	0.17
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	4	0.17
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	4	0.17
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	16	0.17
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	16	0.17
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	20	0.17
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	20	0.17
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	20	0.17
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	14	0.17
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	14	0.17
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	14	0.17
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	14	0.17
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	14	0.17
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	14	0.17
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	5	0.17
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	5	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	5	0.17
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	11	0.17
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	5	0.17
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	5	0.17
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	5	0.17
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG11	4	0.17
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG12	4	0.17
(1,1525)	1:167:A:GLU:HG2	1:116:A:VAL:HG13	4	0.17
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG11	4	0.17
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG12	4	0.17
(1,1525)	1:167:A:GLU:HG3	1:116:A:VAL:HG13	4	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	4	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	4	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	4	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	4	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	4	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	4	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	4	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	4	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	4	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	6	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	6	0.17
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	6	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	6	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	6	0.17
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	6	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	6	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	6	0.17
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	6	0.17
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	11	0.17
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	11	0.17
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	11	0.17
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	11	0.17
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	11	0.17
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	11	0.17
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	11	0.17
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	11	0.17
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	11	0.17
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	19	0.17
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	19	0.17
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	13	0.17
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	13	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	13	0.17
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	13	0.17
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	13	0.17
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	13	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	10	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	10	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	10	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD21	16	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD22	16	0.17
(1,1162)	1:42:A:LEU:HA	1:42:A:LEU:HD23	16	0.17
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	20	0.17
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	20	0.17
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	20	0.17
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	20	0.17
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	20	0.17
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	20	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	5	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	6	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	8	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	12	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	15	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	17	0.17
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	19	0.17
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG11	14	0.17
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG12	14	0.17
(1,904)	1:112:A:GLY:H	1:113:A:VAL:HG13	14	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	3	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	3	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	3	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	7	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	7	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	7	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	10	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	10	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	10	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	16	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	16	0.17
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	16	0.17
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	17	0.17
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	17	0.17
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	17	0.17
(1,841)	1:91:A:LEU:H	1:91:A:LEU:HD21	20	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,841)	1:91:A:LEU:H	1:91:A:LEU:HD22	20	0.17
(1,841)	1:91:A:LEU:H	1:91:A:LEU:HD23	20	0.17
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	17	0.17
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	17	0.17
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	17	0.17
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	2	0.17
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	2	0.17
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	2	0.17
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD21	16	0.17
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD22	16	0.17
(1,821)	1:44:A:GLU:H	1:75:A:LEU:HD23	16	0.17
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	19	0.17
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	19	0.17
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	19	0.17
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	19	0.17
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	19	0.17
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	19	0.17
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	2	0.17
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	2	0.17
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	2	0.17
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD11	17	0.17
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD12	17	0.17
(1,794)	1:85:A:TYR:HD1	1:5:A:LEU:HD13	17	0.17
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD11	17	0.17
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD12	17	0.17
(1,794)	1:85:A:TYR:HD2	1:5:A:LEU:HD13	17	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	3	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	3	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	3	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	9	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	9	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	9	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	11	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	11	0.17
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	11	0.17
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	7	0.17
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	10	0.17
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	11	0.17
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	15	0.17
(1,462)	1:78:A:GLU:H	1:77:A:LEU:HA	18	0.17
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	18	0.17
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	17	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	5	0.17
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	6	0.17
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	12	0.17
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	19	0.17
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE1	4	0.17
(1,131)	1:140:A:VAL:HG21	1:118:A:TYR:HE2	4	0.17
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE1	4	0.17
(1,131)	1:140:A:VAL:HG22	1:118:A:TYR:HE2	4	0.17
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE1	4	0.17
(1,131)	1:140:A:VAL:HG23	1:118:A:TYR:HE2	4	0.17
(1,107)	1:104:A:LEU:HD11	1:69:A:TRP:HZ2	18	0.17
(1,107)	1:104:A:LEU:HD12	1:69:A:TRP:HZ2	18	0.17
(1,107)	1:104:A:LEU:HD13	1:69:A:TRP:HZ2	18	0.17
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	11	0.17
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	6	0.17
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	6	0.17
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	6	0.17
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	6	0.17
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	8	0.17
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	8	0.17
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	8	0.17
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	8	0.17
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE21	14	0.16
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE22	14	0.16
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	17	0.16
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	14	0.16
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	14	0.16
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	14	0.16
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	15	0.16
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	15	0.16
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	15	0.16
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	3	0.16
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	11	0.16
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	20	0.16
(1,4898)	1:158:A:GLN:HG2	1:159:A:SER:H	13	0.16
(1,4898)	1:158:A:GLN:HG3	1:159:A:SER:H	13	0.16
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	11	0.16
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	11	0.16
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	18	0.16
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	18	0.16
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	19	0.16
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	19	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	2	0.16
(1,4807)	1:148:A:ASN:HB2	1:150:A:TYR:H	9	0.16
(1,4807)	1:148:A:ASN:HB3	1:150:A:TYR:H	9	0.16
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	9	0.16
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	1	0.16
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	1	0.16
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	13	0.16
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	13	0.16
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	19	0.16
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	19	0.16
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	2	0.16
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	9	0.16
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	11	0.16
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	17	0.16
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	17	0.16
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	17	0.16
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	3	0.16
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	3	0.16
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	1	0.16
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	1	0.16
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	1	0.16
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	9	0.16
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	9	0.16
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	9	0.16
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	20	0.16
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	20	0.16
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	20	0.16
(1,4324)	1:48:A:VAL:HG11	1:168:A:MET:H	13	0.16
(1,4324)	1:48:A:VAL:HG12	1:168:A:MET:H	13	0.16
(1,4324)	1:48:A:VAL:HG13	1:168:A:MET:H	13	0.16
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	7	0.16
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	6	0.16
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	20	0.16
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	3	0.16
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	3	0.16
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	3	0.16
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	8	0.16
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	8	0.16
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	8	0.16
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	12	0.16
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	12	0.16
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	13	0.16
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	13	0.16
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	20	0.16
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	20	0.16
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	13	0.16
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	13	0.16
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	20	0.16
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	20	0.16
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	8	0.16
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	10	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	3	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	4	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	5	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	6	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	7	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	8	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	10	0.16
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	11	0.16
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	10	0.16
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	10	0.16
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	10	0.16
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	13	0.16
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	13	0.16
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	13	0.16
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	14	0.16
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	14	0.16
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	14	0.16
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	16	0.16
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	16	0.16
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	16	0.16
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	3	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	3	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	3	0.16
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	7	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	7	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	7	0.16
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	8	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	8	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	8	0.16
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	13	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	13	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	13	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	16	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	16	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	16	0.16
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	17	0.16
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	17	0.16
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	17	0.16
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	11	0.16
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	11	0.16
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	1	0.16
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	1	0.16
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	4	0.16
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	4	0.16
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	20	0.16
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	20	0.16
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	8	0.16
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	8	0.16
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	8	0.16
(1,3690)	1:35:A:LEU:HD21	1:35:A:LEU:H	18	0.16
(1,3690)	1:35:A:LEU:HD22	1:35:A:LEU:H	18	0.16
(1,3690)	1:35:A:LEU:HD23	1:35:A:LEU:H	18	0.16
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	4	0.16
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	4	0.16
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	16	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	1	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	3	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	4	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	6	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	7	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	8	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	10	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	11	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	13	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	14	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	15	0.16
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	20	0.16
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	4	0.16
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	4	0.16
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	7	0.16
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	7	0.16
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	18	0.16
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	18	0.16
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	20	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	13	0.16
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	20	0.16
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	10	0.16
(1,3366)	1:29:A:LEU:HA	1:2:A:ASN:H	2	0.16
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD11	20	0.16
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD12	20	0.16
(1,3338)	1:20:A:LYS:H	1:24:A:ILE:HD13	20	0.16
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	2	0.16
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	2	0.16
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	2	0.16
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD11	17	0.16
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD12	17	0.16
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD13	17	0.16
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	19	0.16
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	19	0.16
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	19	0.16
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	15	0.16
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	15	0.16
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	15	0.16
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	15	0.16
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	15	0.16
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	15	0.16
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	5	0.16
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	5	0.16
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	5	0.16
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	14	0.16
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	14	0.16
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	14	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	1	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	1	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	1	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	9	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	9	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	9	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	20	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	20	0.16
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	20	0.16
(1,2729)	1:98:A:LEU:HD21	1:87:A:LEU:HA	11	0.16
(1,2729)	1:98:A:LEU:HD22	1:87:A:LEU:HA	11	0.16
(1,2729)	1:98:A:LEU:HD23	1:87:A:LEU:HA	11	0.16
(1,2676)	1:113:A:VAL:HG11	1:77:A:LEU:HD11	3	0.16
(1,2676)	1:113:A:VAL:HG11	1:77:A:LEU:HD12	3	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2676)	1:113:A:VAL:HG11	1:77:A:LEU:HD13	3	0.16
(1,2676)	1:113:A:VAL:HG12	1:77:A:LEU:HD11	3	0.16
(1,2676)	1:113:A:VAL:HG12	1:77:A:LEU:HD12	3	0.16
(1,2676)	1:113:A:VAL:HG12	1:77:A:LEU:HD13	3	0.16
(1,2676)	1:113:A:VAL:HG13	1:77:A:LEU:HD11	3	0.16
(1,2676)	1:113:A:VAL:HG13	1:77:A:LEU:HD12	3	0.16
(1,2676)	1:113:A:VAL:HG13	1:77:A:LEU:HD13	3	0.16
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG21	11	0.16
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG22	11	0.16
(1,2587)	1:40:A:PRO:HG2	1:68:A:VAL:HG23	11	0.16
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG21	11	0.16
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG22	11	0.16
(1,2587)	1:40:A:PRO:HG3	1:68:A:VAL:HG23	11	0.16
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	12	0.16
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	12	0.16
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	12	0.16
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	12	0.16
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	12	0.16
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	12	0.16
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	12	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	1	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	1	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	1	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	4	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	4	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	4	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	11	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	11	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	11	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	12	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	12	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	12	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	15	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	15	0.16
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	15	0.16
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	1	0.16
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	1	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	3	0.16
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	3	0.16
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	9	0.16
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	9	0.16
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	19	0.16
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	19	0.16
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	19	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	4	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	4	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	4	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	4	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	4	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	4	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	18	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	18	0.16
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	18	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	18	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	18	0.16
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	18	0.16
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	16	0.16
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	16	0.16
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	16	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	2	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	2	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	2	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	2	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	2	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	2	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	6	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	6	0.16
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	6	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	6	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	6	0.16
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	6	0.16
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	5	0.16
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	5	0.16
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	5	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	5	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	5	0.16
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	5	0.16
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	5	0.16
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	5	0.16
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	9	0.16
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	9	0.16
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	9	0.16
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	9	0.16
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	9	0.16
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	9	0.16
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	9	0.16
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	9	0.16
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	9	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	13	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	13	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	15	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	15	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	16	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	16	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	20	0.16
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	20	0.16
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD21	7	0.16
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD22	7	0.16
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD23	7	0.16
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD21	7	0.16
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD22	7	0.16
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD23	7	0.16
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD21	7	0.16
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD22	7	0.16
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD23	7	0.16
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	8	0.16
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	8	0.16
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	8	0.16
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	8	0.16
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	8	0.16
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	8	0.16
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	19	0.16
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	19	0.16
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	19	0.16
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	19	0.16
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	19	0.16
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	19	0.16
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB2	2	0.16
(1,1313)	1:48:A:VAL:HG21	1:1:A:MET:HB3	2	0.16
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB2	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1313)	1:48:A:VAL:HG22	1:1:A:MET:HB3	2	0.16
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB2	2	0.16
(1,1313)	1:48:A:VAL:HG23	1:1:A:MET:HB3	2	0.16
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	2	0.16
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	2	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	2	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	2	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	2	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	2	0.16
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	6	0.16
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	6	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	6	0.16
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	6	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	6	0.16
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	6	0.16
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG21	17	0.16
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG22	17	0.16
(1,1150)	1:139:A:PHE:HE1	1:132:A:VAL:HG23	17	0.16
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG21	17	0.16
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG22	17	0.16
(1,1150)	1:139:A:PHE:HE2	1:132:A:VAL:HG23	17	0.16
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	2	0.16
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	2	0.16
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	1	0.16
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	3	0.16
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	7	0.16
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	9	0.16
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	10	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	1	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	1	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	1	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	15	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	15	0.16
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	15	0.16
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	17	0.16
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	17	0.16
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	17	0.16
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	12	0.16
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	12	0.16
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	12	0.16
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD21	18	0.16
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD22	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,830)	1:35:A:LEU:H	1:35:A:LEU:HD23	18	0.16
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD21	5	0.16
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD22	5	0.16
(1,816)	1:30:A:VAL:H	1:29:A:LEU:HD23	5	0.16
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	3	0.16
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	3	0.16
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	3	0.16
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD21	15	0.16
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD22	15	0.16
(1,781)	1:149:A:GLN:HE21	1:152:A:LEU:HD23	15	0.16
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD21	15	0.16
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD22	15	0.16
(1,781)	1:149:A:GLN:HE22	1:152:A:LEU:HD23	15	0.16
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG2	13	0.16
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG3	13	0.16
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE2	14	0.16
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE3	14	0.16
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	10	0.16
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	12	0.16
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	11	0.16
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	3	0.16
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	9	0.16
(1,88)	1:35:A:LEU:HD21	1:7:A:TYR:HA	14	0.16
(1,88)	1:35:A:LEU:HD22	1:7:A:TYR:HA	14	0.16
(1,88)	1:35:A:LEU:HD23	1:7:A:TYR:HA	14	0.16
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	11	0.16
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	11	0.16
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	11	0.16
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	11	0.16
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD1	3	0.16
(1,19)	1:49:A:LEU:HD11	1:46:A:TYR:HD2	3	0.16
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD1	3	0.16
(1,19)	1:49:A:LEU:HD12	1:46:A:TYR:HD2	3	0.16
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD1	3	0.16
(1,19)	1:49:A:LEU:HD13	1:46:A:TYR:HD2	3	0.16
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	9	0.15
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	9	0.15
(2,31)	1:172:A:TYR:HD1	1:171:A:HIS:HE1	13	0.15
(2,31)	1:172:A:TYR:HD2	1:171:A:HIS:HE1	13	0.15
(1,5216)	1:149:A:GLN:HB2	1:152:A:LEU:H	13	0.15
(1,5216)	1:149:A:GLN:HB3	1:152:A:LEU:H	13	0.15
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	20	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	20	0.15
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	20	0.15
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	8	0.15
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	8	0.15
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	4	0.15
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	4	0.15
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	4	0.15
(1,4943)	1:116:A:VAL:HG21	1:164:A:ILE:H	16	0.15
(1,4943)	1:116:A:VAL:HG22	1:164:A:ILE:H	16	0.15
(1,4943)	1:116:A:VAL:HG23	1:164:A:ILE:H	16	0.15
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	4	0.15
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	15	0.15
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	16	0.15
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	2	0.15
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	2	0.15
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	5	0.15
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	5	0.15
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	7	0.15
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	7	0.15
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	16	0.15
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	16	0.15
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	9	0.15
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	13	0.15
(1,4807)	1:148:A:ASN:HB2	1:150:A:TYR:H	13	0.15
(1,4807)	1:148:A:ASN:HB3	1:150:A:TYR:H	13	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	1	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	1	0.15
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	1	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	2	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	2	0.15
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	2	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	6	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	6	0.15
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	6	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	8	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	8	0.15
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	8	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	14	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	14	0.15
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	14	0.15
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	17	0.15
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	17	0.15
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	11	0.15
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	1	0.15
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	2	0.15
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	3	0.15
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	18	0.15
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	20	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	4	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	4	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	6	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	6	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	8	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	8	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	10	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	10	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	12	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	12	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	14	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	14	0.15
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	17	0.15
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	17	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	1	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	3	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	12	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	16	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	17	0.15
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	20	0.15
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	6	0.15
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	6	0.15
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	6	0.15
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	9	0.15
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	9	0.15
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	9	0.15
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	12	0.15
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	12	0.15
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	12	0.15
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	6	0.15
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	6	0.15
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	8	0.15
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	8	0.15
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	10	0.15
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	18	0.15
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	18	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	2	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	2	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	2	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	3	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	3	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	3	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	4	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	4	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	4	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	5	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	5	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	5	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	12	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	12	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	12	0.15
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	14	0.15
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	14	0.15
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	14	0.15
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	1	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	1	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	6	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	9	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	14	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	15	0.15
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	16	0.15
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	8	0.15
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	8	0.15
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	8	0.15
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	13	0.15
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	13	0.15
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	13	0.15
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	3	0.15
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	3	0.15
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	3	0.15
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	19	0.15
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	19	0.15
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	19	0.15
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	3	0.15
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	3	0.15
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	5	0.15
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	5	0.15
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	5	0.15
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	11	0.15
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	11	0.15
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	14	0.15
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	14	0.15
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	15	0.15
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	15	0.15
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	16	0.15
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	16	0.15
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	11	0.15
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	11	0.15
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	14	0.15
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	14	0.15
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	15	0.15
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	15	0.15
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	16	0.15
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	16	0.15
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	2	0.15
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	5	0.15
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	7	0.15
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	12	0.15
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	12	0.15
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	12	0.15
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	13	0.15
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	13	0.15
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	13	0.15
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	14	0.15
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	14	0.15
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	14	0.15
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	3	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	1	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	2	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	9	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	13	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	14	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	16	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	17	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	18	0.15
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	20	0.15
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	1	0.15
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	1	0.15
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	3	0.15
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	3	0.15
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	3	0.15
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	6	0.15
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	6	0.15
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	6	0.15
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	9	0.15
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	9	0.15
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	9	0.15
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	11	0.15
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	11	0.15
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	11	0.15
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	12	0.15
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	12	0.15
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	12	0.15
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	18	0.15
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	18	0.15
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	18	0.15
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	9	0.15
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	9	0.15
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	18	0.15
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	18	0.15
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	9	0.15
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	9	0.15
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	16	0.15
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	16	0.15
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	16	0.15
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	16	0.15
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	3	0.15
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	3	0.15
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	3	0.15
(1,3732)	1:75:A:LEU:HD21	1:41:A:LYS:H	6	0.15
(1,3732)	1:75:A:LEU:HD22	1:41:A:LYS:H	6	0.15
(1,3732)	1:75:A:LEU:HD23	1:41:A:LYS:H	6	0.15
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	5	0.15
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	5	0.15
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	7	0.15
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	7	0.15
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	14	0.15
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	19	0.15
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	19	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	9	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	12	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	16	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	17	0.15
(1,3630)	1:29:A:LEU:HA	1:29:A:LEU:H	19	0.15
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	15	0.15
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	15	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	1	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	2	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	7	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	10	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	15	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	17	0.15
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	20	0.15
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	16	0.15
(1,3366)	1:29:A:LEU:HA	1:2:A:ASN:H	5	0.15
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	8	0.15
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	8	0.15
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	8	0.15
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	8	0.15
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	8	0.15
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	8	0.15
(1,3206)	1:172:A:TYR:HD1	1:169:A:ALA:HA	1	0.15
(1,3206)	1:172:A:TYR:HD2	1:169:A:ALA:HA	1	0.15
(1,3143)	1:156:A:ARG:H	1:157:A:ILE:HB	8	0.15
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	12	0.15
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	12	0.15
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	12	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	5	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	5	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	5	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	11	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	11	0.15
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	11	0.15
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG11	16	0.15
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG12	16	0.15
(1,3013)	1:139:A:PHE:HA	1:140:A:VAL:HG13	16	0.15
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	20	0.15
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	20	0.15
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	20	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	20	0.15
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	20	0.15
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	20	0.15
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	1	0.15
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	1	0.15
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	1	0.15
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	2	0.15
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	2	0.15
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	2	0.15
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	12	0.15
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	12	0.15
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	12	0.15
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	20	0.15
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	20	0.15
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	20	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	2	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	2	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	2	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	3	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	3	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	3	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	4	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	4	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	4	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	5	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	5	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	5	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	12	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	12	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	12	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	14	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	14	0.15
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	14	0.15
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	13	0.15
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	13	0.15
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	13	0.15
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	13	0.15
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	13	0.15
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	13	0.15
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	17	0.15
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	17	0.15
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	18	0.15
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	18	0.15
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	18	0.15
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	3	0.15
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG11	13	0.15
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG12	13	0.15
(1,2315)	1:22:A:ARG:H	1:30:A:VAL:HG13	13	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	5	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	5	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	10	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	10	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	19	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	19	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	20	0.15
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	20	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	6	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	6	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	6	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	11	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	11	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	11	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	13	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	13	0.15
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	13	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	1	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	1	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	1	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	1	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	1	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	1	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	9	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	9	0.15
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	9	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	9	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	9	0.15
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	9	0.15
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG21	13	0.15
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG22	13	0.15
(1,1981)	1:164:A:ILE:HG12	1:116:A:VAL:HG23	13	0.15
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG21	13	0.15
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG22	13	0.15
(1,1981)	1:164:A:ILE:HG13	1:116:A:VAL:HG23	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	4	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	4	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	4	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	17	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	17	0.15
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	17	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	11	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	11	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	11	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	11	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	11	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	11	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	16	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	16	0.15
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	16	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	16	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	16	0.15
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	16	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD11	7	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD12	7	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD13	7	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD11	7	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD12	7	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD13	7	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD11	8	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD12	8	0.15
(1,1516)	1:155:A:GLU:HG2	1:152:A:LEU:HD13	8	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD11	8	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD12	8	0.15
(1,1516)	1:155:A:GLU:HG3	1:152:A:LEU:HD13	8	0.15
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	13	0.15
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	13	0.15
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	13	0.15
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	13	0.15
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	13	0.15
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	13	0.15
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	13	0.15
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	13	0.15
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	13	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	1	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	1	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	4	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	12	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	12	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	14	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	14	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	17	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	17	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	18	0.15
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	18	0.15
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	1	0.15
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	1	0.15
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	1	0.15
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	1	0.15
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	1	0.15
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	1	0.15
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	1	0.15
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	1	0.15
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	1	0.15
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	1	0.15
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	1	0.15
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	1	0.15
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	11	0.15
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	11	0.15
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	11	0.15
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	11	0.15
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	11	0.15
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	11	0.15
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	16	0.15
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	16	0.15
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	16	0.15
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	16	0.15
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	16	0.15
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	16	0.15
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	9	0.15
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	17	0.15
(1,928)	1:172:A:TYR:HA	1:173:A:ALA:HA	20	0.15
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	8	0.15
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	8	0.15
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	8	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	6	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	6	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	9	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	9	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	9	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	12	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	12	0.15
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	12	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	3	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	3	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	3	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	5	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	5	0.15
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	5	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	12	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	12	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	12	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	13	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	13	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	13	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	14	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	14	0.15
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	14	0.15
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	13	0.15
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	13	0.15
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	13	0.15
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	13	0.15
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	13	0.15
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	13	0.15
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD21	10	0.15
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD22	10	0.15
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD23	10	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	8	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	8	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	8	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	13	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	13	0.15
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	13	0.15
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD11	10	0.15
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD12	10	0.15
(1,770)	1:42:A:LEU:H	1:42:A:LEU:HD13	10	0.15
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	14	0.15
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	14	0.15
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	14	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	9	0.15
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	11	0.15
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	1	0.15
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	4	0.15
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	10	0.15
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	14	0.15
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	20	0.15
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	1	0.15
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	2	0.15
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	15	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	4	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	7	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	8	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	11	0.15
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	20	0.15
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	9	0.15
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	9	0.15
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	9	0.15
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	9	0.15
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	10	0.15
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	10	0.15
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	10	0.15
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	10	0.15
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	19	0.14
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	19	0.14
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	16	0.14
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	19	0.14
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	19	0.14
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	19	0.14
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	7	0.14
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	7	0.14
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	14	0.14
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	19	0.14
(1,4898)	1:158:A:GLN:HG2	1:159:A:SER:H	12	0.14
(1,4898)	1:158:A:GLN:HG3	1:159:A:SER:H	12	0.14
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	9	0.14
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	9	0.14
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	1	0.14
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	1	0.14
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	4	0.14
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	4	0.14
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	6	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	6	0.14
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	8	0.14
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	8	0.14
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	17	0.14
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	17	0.14
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	20	0.14
(1,4807)	1:148:A:ASN:HB2	1:150:A:TYR:H	20	0.14
(1,4807)	1:148:A:ASN:HB3	1:150:A:TYR:H	20	0.14
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	16	0.14
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	16	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	4	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	4	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	4	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	5	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	5	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	5	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	7	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	7	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	7	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	10	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	10	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	10	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	11	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	11	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	11	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	12	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	12	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	12	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	15	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	15	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	15	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	16	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	16	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	16	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	18	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	18	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	18	0.14
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	20	0.14
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	20	0.14
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	20	0.14
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	19	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	6	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	8	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	10	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	12	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	16	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	17	0.14
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	19	0.14
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	16	0.14
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	16	0.14
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	5	0.14
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	7	0.14
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	18	0.14
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	19	0.14
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	4	0.14
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	4	0.14
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	4	0.14
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	8	0.14
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	8	0.14
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	8	0.14
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	18	0.14
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	18	0.14
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	18	0.14
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	7	0.14
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	7	0.14
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	12	0.14
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	12	0.14
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	15	0.14
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	15	0.14
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	8	0.14
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	8	0.14
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	8	0.14
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	17	0.14
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	17	0.14
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	17	0.14
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	9	0.14
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	6	0.14
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	12	0.14
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	19	0.14
(1,4274)	1:94:A:GLY:H	1:95:A:GLU:H	6	0.14
(1,4272)	1:95:A:GLU:H	1:94:A:GLY:H	6	0.14
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	1	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	2	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	7	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	10	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	11	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	12	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	13	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	17	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	18	0.14
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	19	0.14
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	11	0.14
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	11	0.14
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	11	0.14
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	5	0.14
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	5	0.14
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	5	0.14
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	11	0.14
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	11	0.14
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	11	0.14
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	12	0.14
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	12	0.14
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	12	0.14
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	4	0.14
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	4	0.14
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	4	0.14
(1,4210)	1:91:A:LEU:HD21	1:90:A:GLN:H	11	0.14
(1,4210)	1:91:A:LEU:HD22	1:90:A:GLN:H	11	0.14
(1,4210)	1:91:A:LEU:HD23	1:90:A:GLN:H	11	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	2	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	4	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	8	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	10	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	11	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	15	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	17	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	18	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	19	0.14
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	20	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	4	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	4	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	6	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	6	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	12	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	17	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	17	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	18	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	18	0.14
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	19	0.14
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	19	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	4	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	4	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	6	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	6	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	12	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	12	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	17	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	17	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	18	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	18	0.14
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	19	0.14
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	19	0.14
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	12	0.14
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	14	0.14
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	16	0.14
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	7	0.14
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	10	0.14
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	20	0.14
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	16	0.14
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	16	0.14
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	16	0.14
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	11	0.14
(1,4057)	1:76:A:ASN:HA	1:76:A:ASN:H	12	0.14
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	1	0.14
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	1	0.14
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	2	0.14
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	2	0.14
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	4	0.14
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	4	0.14
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	6	0.14
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	6	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	1	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	3	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	6	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	9	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	12	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	15	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	17	0.14
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	20	0.14
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	2	0.14
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	2	0.14
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	5	0.14
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	5	0.14
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	17	0.14
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	17	0.14
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	4	0.14
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	4	0.14
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	4	0.14
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	3	0.14
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	3	0.14
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	5	0.14
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	5	0.14
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	10	0.14
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	10	0.14
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	14	0.14
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	14	0.14
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	3	0.14
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	13	0.14
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	18	0.14
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	17	0.14
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	18	0.14
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	6	0.14
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	6	0.14
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	13	0.14
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	13	0.14
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	15	0.14
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	15	0.14
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	1	0.14
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	1	0.14
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	12	0.14
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	12	0.14
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	12	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	3	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	4	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	5	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	6	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	9	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	11	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	13	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	14	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	16	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	18	0.14
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	19	0.14
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	9	0.14
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	14	0.14
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	19	0.14
(1,3206)	1:172:A:TYR:HD1	1:169:A:ALA:HA	9	0.14
(1,3206)	1:172:A:TYR:HD2	1:169:A:ALA:HA	9	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	2	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	2	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	2	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	9	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	9	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	9	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	20	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	20	0.14
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	20	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	10	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	10	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	10	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	19	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	19	0.14
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	19	0.14
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	10	0.14
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	10	0.14
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	10	0.14
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	19	0.14
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	19	0.14
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	19	0.14
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	2	0.14
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	2	0.14
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	2	0.14
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	4	0.14
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	4	0.14
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	4	0.14
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	9	0.14
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	9	0.14
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	9	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	8	0.14
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	8	0.14
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	8	0.14
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	17	0.14
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	17	0.14
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	17	0.14
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	9	0.14
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD21	9	0.14
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD22	9	0.14
(1,2789)	1:148:A:ASN:HD21	1:91:A:LEU:HD23	9	0.14
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD21	9	0.14
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD22	9	0.14
(1,2789)	1:148:A:ASN:HD22	1:91:A:LEU:HD23	9	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	3	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	3	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	3	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	4	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	4	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	4	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	11	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	11	0.14
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	11	0.14
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	11	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	1	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	3	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	6	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	9	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	11	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	12	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	15	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	17	0.14
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	20	0.14
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	9	0.14
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	9	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	2	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	2	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	6	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	6	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	7	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	7	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	12	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	12	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	18	0.14
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	18	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	17	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	17	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	17	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	18	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	18	0.14
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	18	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	7	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	7	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	7	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	7	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	7	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	7	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	16	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	16	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	16	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	16	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	16	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	16	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	20	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	20	0.14
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	20	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	20	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	20	0.14
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	20	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	2	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	2	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	2	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	3	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	3	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	3	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	18	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	18	0.14
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	18	0.14
(1,1951)	1:165:A:LEU:HB2	1:29:A:LEU:HD11	11	0.14
(1,1951)	1:165:A:LEU:HB2	1:29:A:LEU:HD12	11	0.14
(1,1951)	1:165:A:LEU:HB2	1:29:A:LEU:HD13	11	0.14
(1,1951)	1:165:A:LEU:HB3	1:29:A:LEU:HD11	11	0.14
(1,1951)	1:165:A:LEU:HB3	1:29:A:LEU:HD12	11	0.14
(1,1951)	1:165:A:LEU:HB3	1:29:A:LEU:HD13	11	0.14
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	8	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	4	0.14
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	4	0.14
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	4	0.14
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	4	0.14
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	4	0.14
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	4	0.14
(1,1500)	1:76:A:ASN:HB2	1:75:A:LEU:HD21	11	0.14
(1,1500)	1:76:A:ASN:HB2	1:75:A:LEU:HD22	11	0.14
(1,1500)	1:76:A:ASN:HB2	1:75:A:LEU:HD23	11	0.14
(1,1500)	1:76:A:ASN:HB3	1:75:A:LEU:HD21	11	0.14
(1,1500)	1:76:A:ASN:HB3	1:75:A:LEU:HD22	11	0.14
(1,1500)	1:76:A:ASN:HB3	1:75:A:LEU:HD23	11	0.14
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	16	0.14
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	16	0.14
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	16	0.14
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	16	0.14
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	16	0.14
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	16	0.14
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	16	0.14
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	16	0.14
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	16	0.14
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	9	0.14
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	9	0.14
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG2	11	0.14
(1,1408)	1:77:A:LEU:HG	1:80:A:LYS:HG3	11	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	9	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	9	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	9	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	9	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	9	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	9	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	19	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	19	0.14
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	19	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	19	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	19	0.14
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	19	0.14
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	19	0.14
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	19	0.14
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	19	0.14
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	19	0.14
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	19	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	19	0.14
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	13	0.14
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	13	0.14
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	13	0.14
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	13	0.14
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	13	0.14
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	13	0.14
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	13	0.14
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	13	0.14
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	13	0.14
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	13	0.14
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	13	0.14
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	13	0.14
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	11	0.14
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	11	0.14
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	18	0.14
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	18	0.14
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	4	0.14
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	4	0.14
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	4	0.14
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	4	0.14
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	4	0.14
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	4	0.14
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	1	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	9	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	9	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	10	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	10	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	12	0.14
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	12	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	4	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	4	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	4	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	8	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	8	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	8	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	18	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	18	0.14
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	18	0.14
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	4	0.14
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	4	0.14
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD21	11	0.14
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD22	11	0.14
(1,849)	1:90:A:GLN:H	1:91:A:LEU:HD23	11	0.14
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	16	0.14
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	16	0.14
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	16	0.14
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	17	0.14
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	17	0.14
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	17	0.14
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	17	0.14
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	17	0.14
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	17	0.14
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	11	0.14
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	11	0.14
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	11	0.14
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	15	0.14
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	15	0.14
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	15	0.14
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG2	12	0.14
(1,661)	1:159:A:SER:H	1:158:A:GLN:HG3	12	0.14
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE2	18	0.14
(1,542)	1:114:A:LYS:H	1:114:A:LYS:HE3	18	0.14
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	19	0.14
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	19	0.14
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	19	0.14
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	19	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	2	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	4	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	8	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	10	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	11	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	15	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	17	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	18	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	19	0.14
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	20	0.14
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	13	0.14
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	18	0.14
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	20	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	5	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	7	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	15	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	16	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	19	0.14
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	20	0.14
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	7	0.14
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	13	0.14
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	15	0.14
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	18	0.14
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	2	0.14
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	3	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	3	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	4	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	5	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	6	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	8	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	9	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	10	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	11	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	12	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	16	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	17	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	18	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	19	0.14
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	20	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	2	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	10	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	13	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	14	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	15	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	17	0.14
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	18	0.14
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	8	0.14
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	7	0.14
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	7	0.14
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	7	0.14
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	7	0.14
(2,151)	1:97:A:PHE:HA	1:90:A:GLN:HE21	20	0.13
(2,151)	1:97:A:PHE:HA	1:90:A:GLN:HE22	20	0.13
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	14	0.13
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	14	0.13
(1,5036)	1:58:A:PHE:HB2	1:96:A:TRP:HE1	20	0.13
(1,5036)	1:58:A:PHE:HB3	1:96:A:TRP:HE1	20	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	13	0.13
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	13	0.13
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	13	0.13
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	13	0.13
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	13	0.13
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	14	0.13
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	14	0.13
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	16	0.13
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	16	0.13
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	6	0.13
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	6	0.13
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	17	0.13
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	17	0.13
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	18	0.13
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	18	0.13
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	1	0.13
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	1	0.13
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	18	0.13
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	20	0.13
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	20	0.13
(1,4839)	1:150:A:TYR:HD1	1:151:A:ASP:H	5	0.13
(1,4839)	1:150:A:TYR:HD2	1:151:A:ASP:H	5	0.13
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	9	0.13
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	9	0.13
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	9	0.13
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	13	0.13
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	13	0.13
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	13	0.13
(1,4654)	1:133:A:ILE:HG21	1:136:A:GLY:H	19	0.13
(1,4654)	1:133:A:ILE:HG22	1:136:A:GLY:H	19	0.13
(1,4654)	1:133:A:ILE:HG23	1:136:A:GLY:H	19	0.13
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	12	0.13
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	13	0.13
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	18	0.13
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	16	0.13
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	19	0.13
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	7	0.13
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	4	0.13
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	5	0.13
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	11	0.13
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	13	0.13
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	15	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	1	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	1	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	2	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	2	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	4	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	4	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	5	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	5	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	6	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	6	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	7	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	7	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	8	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	8	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	9	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	9	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	10	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	10	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	11	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	11	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	12	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	12	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	13	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	13	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	14	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	14	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	15	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	15	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	17	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	17	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	18	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	18	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	19	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	19	0.13
(1,4570)	1:137:A:GLN:HE21	1:137:A:GLN:H	20	0.13
(1,4570)	1:137:A:GLN:HE22	1:137:A:GLN:H	20	0.13
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	4	0.13
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	12	0.13
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	15	0.13
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	2	0.13
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	6	0.13
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	8	0.13
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	2	0.13
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	2	0.13
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	4	0.13
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	4	0.13
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	11	0.13
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	11	0.13
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	17	0.13
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	17	0.13
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	20	0.13
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	20	0.13
(1,4446)	1:109:A:SER:HB2	1:110:A:THR:H	1	0.13
(1,4446)	1:109:A:SER:HB3	1:110:A:THR:H	1	0.13
(1,4446)	1:109:A:SER:HB2	1:110:A:THR:H	3	0.13
(1,4446)	1:109:A:SER:HB3	1:110:A:THR:H	3	0.13
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	7	0.13
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	7	0.13
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	7	0.13
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	15	0.13
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	15	0.13
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	15	0.13
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	19	0.13
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	19	0.13
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	19	0.13
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	2	0.13
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	3	0.13
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	4	0.13
(1,4320)	1:131:A:PRO:HG2	1:99:A:ASP:H	3	0.13
(1,4320)	1:131:A:PRO:HG3	1:99:A:ASP:H	3	0.13
(1,4320)	1:131:A:PRO:HG2	1:99:A:ASP:H	5	0.13
(1,4320)	1:131:A:PRO:HG3	1:99:A:ASP:H	5	0.13
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	10	0.13
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	13	0.13
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	16	0.13
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	18	0.13
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	7	0.13
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	15	0.13
(1,4263)	1:91:A:LEU:HD21	1:93:A:TYR:H	1	0.13
(1,4263)	1:91:A:LEU:HD22	1:93:A:TYR:H	1	0.13
(1,4263)	1:91:A:LEU:HD23	1:93:A:TYR:H	1	0.13
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	4	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	5	0.13
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	8	0.13
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	7	0.13
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	15	0.13
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	4	0.13
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	4	0.13
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	4	0.13
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	6	0.13
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	6	0.13
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	6	0.13
(1,4230)	1:147:A:THR:HG21	1:91:A:LEU:H	17	0.13
(1,4230)	1:147:A:THR:HG22	1:91:A:LEU:H	17	0.13
(1,4230)	1:147:A:THR:HG23	1:91:A:LEU:H	17	0.13
(1,4214)	1:145:A:ASP:HB2	1:90:A:GLN:H	3	0.13
(1,4214)	1:145:A:ASP:HB3	1:90:A:GLN:H	3	0.13
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	9	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	1	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	3	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	5	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	6	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	7	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	9	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	12	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	13	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	14	0.13
(1,4130)	1:83:A:ALA:HA	1:83:A:ALA:H	16	0.13
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	1	0.13
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	1	0.13
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	9	0.13
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	9	0.13
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	1	0.13
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	1	0.13
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	9	0.13
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	9	0.13
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	3	0.13
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	4	0.13
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	11	0.13
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	13	0.13
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	15	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	6	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	9	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	13	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	14	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	15	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	16	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	17	0.13
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	18	0.13
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	8	0.13
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	8	0.13
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	8	0.13
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	17	0.13
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	17	0.13
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	17	0.13
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	15	0.13
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	19	0.13
(1,4039)	1:75:A:LEU:HD21	1:74:A:ASP:H	11	0.13
(1,4039)	1:75:A:LEU:HD22	1:74:A:ASP:H	11	0.13
(1,4039)	1:75:A:LEU:HD23	1:74:A:ASP:H	11	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	2	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	3	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	4	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	6	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	8	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	9	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	10	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	13	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	14	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	15	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	16	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	17	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	18	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	19	0.13
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	20	0.13
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	5	0.13
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	5	0.13
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	8	0.13
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	8	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	1	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	4	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	8	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	11	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	12	0.13
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	15	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	18	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	2	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	4	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	5	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	7	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	8	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	10	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	13	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	14	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	16	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	18	0.13
(1,3805)	1:49:A:LEU:HA	1:49:A:LEU:H	19	0.13
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	3	0.13
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	3	0.13
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	8	0.13
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	8	0.13
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	19	0.13
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	19	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	1	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	1	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	9	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	9	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	13	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	13	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	15	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	15	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	17	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	17	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	19	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	19	0.13
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	20	0.13
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	20	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	8	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	9	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	11	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	14	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	16	0.13
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	17	0.13
(1,3708)	1:34:A:ASN:HB2	1:37:A:ASP:H	1	0.13
(1,3708)	1:34:A:ASN:HB3	1:37:A:ASP:H	1	0.13
(1,3680)	1:6:A:PHE:HA	1:35:A:LEU:H	2	0.13
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	2	0.13
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	11	0.13
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	11	0.13
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	4	0.13
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	11	0.13
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	12	0.13
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	13	0.13
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	15	0.13
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	8	0.13
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	11	0.13
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	12	0.13
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	17	0.13
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	5	0.13
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	5	0.13
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	10	0.13
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	1	0.13
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	1	0.13
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	20	0.13
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	20	0.13
(1,3393)	1:5:A:LEU:HA	1:5:A:LEU:H	12	0.13
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	1	0.13
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	8	0.13
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	11	0.13
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	12	0.13
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	18	0.13
(1,3347)	1:99:A:ASP:H	2:201:A:FMN:HN3	20	0.13
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	12	0.13
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	12	0.13
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	12	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	6	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	6	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	6	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG21	12	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG22	12	0.13
(1,3002)	1:132:A:VAL:HA	1:132:A:VAL:HG23	12	0.13
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	6	0.13
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	6	0.13
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	6	0.13
(1,3000)	1:132:A:VAL:HG21	1:132:A:VAL:HA	12	0.13
(1,3000)	1:132:A:VAL:HG22	1:132:A:VAL:HA	12	0.13
(1,3000)	1:132:A:VAL:HG23	1:132:A:VAL:HA	12	0.13
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG21	13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG22	13	0.13
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG23	13	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	7	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	7	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	7	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	15	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	15	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	15	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	19	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	19	0.13
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	19	0.13
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	2	0.13
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	3	0.13
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	4	0.13
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	9	0.13
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	15	0.13
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	19	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	2	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	4	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	5	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	7	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	8	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	10	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	13	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	14	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	16	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	18	0.13
(1,2470)	1:49:A:LEU:H	1:49:A:LEU:HA	19	0.13
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG11	14	0.13
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG12	14	0.13
(1,2452)	1:172:A:TYR:HD1	1:48:A:VAL:HG13	14	0.13
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG11	14	0.13
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG12	14	0.13
(1,2452)	1:172:A:TYR:HD2	1:48:A:VAL:HG13	14	0.13
(1,2407)	1:42:A:LEU:HA	1:42:A:LEU:HG	20	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	2	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	2	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	2	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	2	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	2	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	2	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	17	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	17	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	17	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	17	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	17	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	17	0.13
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	17	0.13
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	20	0.13
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	20	0.13
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	17	0.13
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	17	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	1	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	1	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	1	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	9	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	9	0.13
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	9	0.13
(1,2062)	1:172:A:TYR:HD1	1:81:A:ILE:HD11	13	0.13
(1,2062)	1:172:A:TYR:HD1	1:81:A:ILE:HD12	13	0.13
(1,2062)	1:172:A:TYR:HD1	1:81:A:ILE:HD13	13	0.13
(1,2062)	1:172:A:TYR:HD2	1:81:A:ILE:HD11	13	0.13
(1,2062)	1:172:A:TYR:HD2	1:81:A:ILE:HD12	13	0.13
(1,2062)	1:172:A:TYR:HD2	1:81:A:ILE:HD13	13	0.13
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	8	0.13
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	8	0.13
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	8	0.13
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	8	0.13
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	8	0.13
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	8	0.13
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	3	0.13
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	3	0.13
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	11	0.13
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	11	0.13
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	11	0.13
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	9	0.13
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	7	0.13
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	7	0.13
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	7	0.13
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	7	0.13
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	7	0.13
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	7	0.13
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	8	0.13
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	8	0.13
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	8	0.13
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	8	0.13
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	8	0.13
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	8	0.13
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	14	0.13
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	14	0.13
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	14	0.13
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	3	0.13
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	3	0.13
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	3	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	15	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	15	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	15	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	15	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	15	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	15	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	17	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	17	0.13
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	17	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	17	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	17	0.13
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	17	0.13
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	1	0.13
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	1	0.13
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	1	0.13
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	1	0.13
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	1	0.13
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	1	0.13
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	1	0.13
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	1	0.13
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	12	0.13
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	12	0.13
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	12	0.13
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	12	0.13
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	12	0.13
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	12	0.13
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	7	0.13
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	7	0.13
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	7	0.13
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	7	0.13
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	7	0.13
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	7	0.13
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD11	12	0.13
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD12	12	0.13
(1,1422)	1:38:A:ASP:HB2	1:42:A:LEU:HD13	12	0.13
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD11	12	0.13
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD12	12	0.13
(1,1422)	1:38:A:ASP:HB3	1:42:A:LEU:HD13	12	0.13
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD21	11	0.13
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD22	11	0.13
(1,1402)	1:107:A:LYS:HE2	1:104:A:LEU:HD23	11	0.13
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD21	11	0.13
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD22	11	0.13
(1,1402)	1:107:A:LYS:HE3	1:104:A:LEU:HD23	11	0.13
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD21	6	0.13
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD22	6	0.13
(1,1400)	1:107:A:LYS:HD2	1:108:A:LEU:HD23	6	0.13
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD21	6	0.13
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD22	6	0.13
(1,1400)	1:107:A:LYS:HD3	1:108:A:LEU:HD23	6	0.13
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	1	0.13
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	1	0.13
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	1	0.13
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	1	0.13
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	1	0.13
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	1	0.13
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	7	0.13
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	7	0.13
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	7	0.13
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	7	0.13
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	7	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	7	0.13
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	6	0.13
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	6	0.13
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	19	0.13
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	19	0.13
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	20	0.13
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	20	0.13
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	15	0.13
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	15	0.13
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	15	0.13
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	15	0.13
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	15	0.13
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	15	0.13
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	17	0.13
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	17	0.13
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	17	0.13
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	17	0.13
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	17	0.13
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	17	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG21	9	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG22	9	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG23	9	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG21	9	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG22	9	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG23	9	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG21	11	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG22	11	0.13
(1,1166)	1:58:A:PHE:HD1	1:55:A:THR:HG23	11	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG21	11	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG22	11	0.13
(1,1166)	1:58:A:PHE:HD2	1:55:A:THR:HG23	11	0.13
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	19	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	1	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	1	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	4	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	4	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	5	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	5	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	8	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	8	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	11	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	11	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	13	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	13	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	19	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	19	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	20	0.13
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	20	0.13
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD11	11	0.13
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD12	11	0.13
(1,853)	1:65:A:TRP:HE3	1:104:A:LEU:HD13	11	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	8	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	8	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	8	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	17	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	17	0.13
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	17	0.13
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG21	6	0.13
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG22	6	0.13
(1,819)	1:139:A:PHE:HD1	1:132:A:VAL:HG23	6	0.13
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG21	6	0.13
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG22	6	0.13
(1,819)	1:139:A:PHE:HD2	1:132:A:VAL:HG23	6	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	4	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	4	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	4	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	4	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	4	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	4	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	8	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	8	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	8	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	8	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	8	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	8	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	10	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	10	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	10	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	10	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	10	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	10	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	18	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	18	0.13
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	18	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	18	0.13
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	18	0.13
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	4	0.13
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	4	0.13
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	4	0.13
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD11	13	0.13
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD12	13	0.13
(1,768)	1:39:A:SER:H	1:42:A:LEU:HD13	13	0.13
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	6	0.13
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	6	0.13
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	17	0.13
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	17	0.13
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	6	0.13
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	6	0.13
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	17	0.13
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	17	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	1	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	3	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	5	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	6	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	7	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	9	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	12	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	13	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	14	0.13
(1,469)	1:83:A:ALA:H	1:83:A:ALA:HA	16	0.13
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	12	0.13
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	13	0.13
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	18	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	1	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	2	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	3	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	6	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	7	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	9	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	10	0.13
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	19	0.13
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	4	0.13
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	12	0.13
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	15	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	1	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	4	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	8	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	11	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	12	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	15	0.13
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	18	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	1	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	2	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	4	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	8	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	10	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	12	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	13	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	17	0.13
(1,394)	1:96:A:TRP:H	1:96:A:TRP:HA	18	0.13
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	5	0.13
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	6	0.13
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	8	0.13
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	19	0.13
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	20	0.13
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	18	0.13
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	6	0.13
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	7	0.13
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	13	0.13
(1,349)	1:116:A:VAL:H	1:116:A:VAL:HA	14	0.13
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	20	0.13
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	8	0.13
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	11	0.13
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	12	0.13
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	17	0.13
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	1	0.13
(1,250)	1:147:A:THR:H	1:147:A:THR:HA	16	0.13
(1,236)	1:49:A:LEU:HB2	1:6:A:PHE:HZ	2	0.13
(1,236)	1:49:A:LEU:HB3	1:6:A:PHE:HZ	2	0.13
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	4	0.13
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	4	0.13
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	4	0.13
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	4	0.13
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	6	0.12
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	6	0.12
(1,5216)	1:149:A:GLN:HB2	1:152:A:LEU:H	1	0.12
(1,5216)	1:149:A:GLN:HB3	1:152:A:LEU:H	1	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5216)	1:149:A:GLN:HB2	1:152:A:LEU:H	15	0.12
(1,5216)	1:149:A:GLN:HB3	1:152:A:LEU:H	15	0.12
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	17	0.12
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	17	0.12
(1,5069)	1:32:A:LEU:H	1:22:A:ARG:HE	11	0.12
(1,5039)	1:96:A:TRP:HZ2	1:96:A:TRP:HE1	3	0.12
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	11	0.12
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	11	0.12
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	11	0.12
(1,5015)	1:81:A:ILE:HD11	1:171:A:HIS:H	18	0.12
(1,5015)	1:81:A:ILE:HD12	1:171:A:HIS:H	18	0.12
(1,5015)	1:81:A:ILE:HD13	1:171:A:HIS:H	18	0.12
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	3	0.12
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	3	0.12
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	5	0.12
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	5	0.12
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	6	0.12
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	6	0.12
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	12	0.12
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	12	0.12
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	2	0.12
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	2	0.12
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	5	0.12
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	5	0.12
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	7	0.12
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	17	0.12
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	18	0.12
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	14	0.12
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	14	0.12
(1,4848)	1:152:A:LEU:HG	1:153:A:SER:H	14	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	1	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	3	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	5	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	6	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	7	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	12	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	14	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	15	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	18	0.12
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	19	0.12
(1,4819)	1:148:A:ASN:HD21	1:149:A:GLN:H	2	0.12
(1,4819)	1:148:A:ASN:HD22	1:149:A:GLN:H	2	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4807)	1:148:A:ASN:HB2	1:150:A:TYR:H	2	0.12
(1,4807)	1:148:A:ASN:HB3	1:150:A:TYR:H	2	0.12
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	15	0.12
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	15	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	1	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	2	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	3	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	4	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	5	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	6	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	7	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	8	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	9	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	10	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	11	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	14	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	15	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	16	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	17	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	19	0.12
(1,4648)	1:135:A:ASP:HA	1:135:A:ASP:H	20	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	1	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	6	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	12	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	13	0.12
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	15	0.12
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	3	0.12
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	4	0.12
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	13	0.12
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	7	0.12
(1,4579)	1:124:A:TYR:HE1	1:125:A:GLU:H	4	0.12
(1,4579)	1:124:A:TYR:HE2	1:125:A:GLU:H	4	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	5	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	10	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	11	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	14	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	17	0.12
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	19	0.12
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	3	0.12
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	3	0.12
(1,4537)	1:139:A:PHE:HE1	1:121:A:THR:H	18	0.12
(1,4537)	1:139:A:PHE:HE2	1:121:A:THR:H	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	4	0.12
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	1	0.12
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	1	0.12
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	1	0.12
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	5	0.12
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	5	0.12
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	5	0.12
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	5	0.12
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	5	0.12
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	5	0.12
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	9	0.12
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	9	0.12
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	14	0.12
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	14	0.12
(1,4448)	1:111:A:LYS:HG2	1:110:A:THR:H	16	0.12
(1,4448)	1:111:A:LYS:HG3	1:110:A:THR:H	16	0.12
(1,4446)	1:109:A:SER:HB2	1:110:A:THR:H	6	0.12
(1,4446)	1:109:A:SER:HB3	1:110:A:THR:H	6	0.12
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	6	0.12
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	6	0.12
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	6	0.12
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	13	0.12
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	13	0.12
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	13	0.12
(1,4389)	1:104:A:LEU:HD21	1:105:A:HIS:H	16	0.12
(1,4389)	1:104:A:LEU:HD22	1:105:A:HIS:H	16	0.12
(1,4389)	1:104:A:LEU:HD23	1:105:A:HIS:H	16	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	5	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	6	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	7	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	8	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	10	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	11	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	13	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	14	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	15	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	16	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	17	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	18	0.12
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	20	0.12
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	4	0.12
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	17	0.12
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	1	0.12
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	14	0.12
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	16	0.12
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	19	0.12
(1,4264)	1:91:A:LEU:HB2	1:93:A:TYR:H	20	0.12
(1,4264)	1:91:A:LEU:HB3	1:93:A:TYR:H	20	0.12
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	1	0.12
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	14	0.12
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	16	0.12
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	19	0.12
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	5	0.12
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	5	0.12
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	5	0.12
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	9	0.12
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	9	0.12
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	9	0.12
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	12	0.12
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	12	0.12
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	12	0.12
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	17	0.12
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	17	0.12
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	17	0.12
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	1	0.12
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	20	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	1	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	3	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	4	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	6	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	7	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	8	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	9	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	10	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	11	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	13	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	14	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	15	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	16	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	18	0.12
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	20	0.12
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	1	0.12
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	18	0.12
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	20	0.12
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	2	0.12
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	8	0.12
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	1	0.12
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	1	0.12
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	1	0.12
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	20	0.12
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	20	0.12
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	20	0.12
(1,4059)	1:75:A:LEU:HG	1:76:A:ASN:H	4	0.12
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	1	0.12
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	5	0.12
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	7	0.12
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	11	0.12
(1,4035)	1:74:A:ASP:HA	1:74:A:ASP:H	12	0.12
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	8	0.12
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	9	0.12
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	19	0.12
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	3	0.12
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	17	0.12
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	7	0.12
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	7	0.12
(1,3906)	1:24:A:ILE:HG12	1:158:A:GLN:H	17	0.12
(1,3906)	1:24:A:ILE:HG13	1:158:A:GLN:H	17	0.12
(1,3894)	1:99:A:ASP:HB2	1:59:A:GLY:H	9	0.12
(1,3894)	1:99:A:ASP:HB3	1:59:A:GLY:H	9	0.12
(1,3894)	1:99:A:ASP:HB2	1:59:A:GLY:H	11	0.12
(1,3894)	1:99:A:ASP:HB3	1:59:A:GLY:H	11	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	3	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	5	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	6	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	7	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	10	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	13	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	17	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	19	0.12
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	20	0.12
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	7	0.12
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	7	0.12
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	10	0.12
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	18	0.12
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	18	0.12
(1,3796)	1:3:A:MET:HA	1:48:A:VAL:H	15	0.12
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	15	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	2	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	2	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	6	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	6	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	7	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	7	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	8	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	8	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	11	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	11	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	12	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	12	0.12
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	18	0.12
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	18	0.12
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	15	0.12
(1,3752)	1:41:A:LYS:HB2	1:43:A:MET:H	15	0.12
(1,3752)	1:41:A:LYS:HB3	1:43:A:MET:H	15	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	1	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	4	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	5	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	6	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	7	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	10	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	19	0.12
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	20	0.12
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	12	0.12
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	16	0.12
(1,3680)	1:6:A:PHE:HA	1:35:A:LEU:H	11	0.12
(1,3667)	1:34:A:ASN:HD21	1:34:A:ASN:H	3	0.12
(1,3667)	1:34:A:ASN:HD22	1:34:A:ASN:H	3	0.12
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	10	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	1	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	2	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	3	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	4	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	5	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	6	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	9	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	10	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	14	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	15	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	16	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	18	0.12
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	19	0.12
(1,3465)	1:10:A:SER:H	1:12:A:CYS:H	1	0.12
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	9	0.12
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	11	0.12
(1,3449)	1:12:A:CYS:H	1:10:A:SER:H	1	0.12
(1,3446)	1:7:A:TYR:HD1	1:9:A:SER:H	9	0.12
(1,3446)	1:7:A:TYR:HD2	1:9:A:SER:H	9	0.12
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	6	0.12
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	6	0.12
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	7	0.12
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	7	0.12
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	18	0.12
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	18	0.12
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	19	0.12
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	19	0.12
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	1	0.12
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	10	0.12
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	3	0.12
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	4	0.12
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	5	0.12
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	6	0.12
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	7	0.12
(1,3366)	1:29:A:LEU:HA	1:2:A:ASN:H	13	0.12
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	19	0.12
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	19	0.12
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	19	0.12
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	19	0.12
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	19	0.12
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	19	0.12
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	9	0.12
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	16	0.12
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD11	13	0.12
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD12	13	0.12
(1,3123)	1:152:A:LEU:H	1:152:A:LEU:HD13	13	0.12
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD11	3	0.12
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD12	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3078)	1:160:A:TRP:HE1	1:142:A:LEU:HD13	3	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	2	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	2	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	2	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	15	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	15	0.12
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	15	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	3	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	3	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	3	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	7	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	7	0.12
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	7	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG21	11	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG22	11	0.12
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG23	11	0.12
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	15	0.12
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	15	0.12
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	15	0.12
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	18	0.12
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	18	0.12
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	18	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	6	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	6	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	6	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	13	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	13	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	13	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD21	16	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD22	16	0.12
(1,2871)	1:105:A:HIS:H	1:104:A:LEU:HD23	16	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	5	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	6	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	7	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	8	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	10	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	11	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	13	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	14	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	15	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	16	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	18	0.12
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	20	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	5	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	6	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	11	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	12	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	13	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	17	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	18	0.12
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	19	0.12
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	8	0.12
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	8	0.12
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	8	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	1	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	3	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	4	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	6	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	7	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	8	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	9	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	10	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	11	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	13	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	14	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	15	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	16	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	18	0.12
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	20	0.12
(1,2642)	1:76:A:ASN:H	1:75:A:LEU:HG	4	0.12
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG11	14	0.12
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG12	14	0.12
(1,2453)	1:172:A:TYR:HE1	1:48:A:VAL:HG13	14	0.12
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG11	14	0.12
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG12	14	0.12
(1,2453)	1:172:A:TYR:HE2	1:48:A:VAL:HG13	14	0.12
(1,2407)	1:42:A:LEU:HA	1:42:A:LEU:HG	10	0.12
(1,2407)	1:42:A:LEU:HA	1:42:A:LEU:HG	16	0.12
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	14	0.12
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	14	0.12
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	14	0.12
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	5	0.12
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG2	15	0.12
(1,2195)	1:20:A:LYS:H	1:19:A:GLU:HG3	15	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	3	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	3	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	3	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	4	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	4	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	4	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	12	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	12	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	12	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	14	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	14	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	14	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	15	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	15	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	15	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	16	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	16	0.12
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	16	0.12
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	6	0.12
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	6	0.12
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	6	0.12
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	6	0.12
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	6	0.12
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	6	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	1	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	1	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	1	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	2	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	2	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	2	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	4	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	4	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	4	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	5	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	5	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	5	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	6	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	6	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	6	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	8	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	8	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	10	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	10	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	10	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	11	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	11	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	11	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	12	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	12	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	12	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	13	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	13	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	13	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	14	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	14	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	14	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	15	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	15	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	15	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	16	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	16	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	16	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	17	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	17	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	17	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	18	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	18	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	18	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	20	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	20	0.12
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	20	0.12
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG2	20	0.12
(1,2020)	1:165:A:LEU:HD11	1:162:A:GLU:HG3	20	0.12
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG2	20	0.12
(1,2020)	1:165:A:LEU:HD12	1:162:A:GLU:HG3	20	0.12
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG2	20	0.12
(1,2020)	1:165:A:LEU:HD13	1:162:A:GLU:HG3	20	0.12
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	12	0.12
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	12	0.12
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	12	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	6	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	11	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	12	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	13	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	17	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	18	0.12
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	19	0.12
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	4	0.12
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	6	0.12
(1,1899)	1:130:A:LYS:HB2	1:130:A:LYS:HE2	8	0.12
(1,1899)	1:130:A:LYS:HB2	1:130:A:LYS:HE3	8	0.12
(1,1899)	1:130:A:LYS:HB3	1:130:A:LYS:HE2	8	0.12
(1,1899)	1:130:A:LYS:HB3	1:130:A:LYS:HE3	8	0.12
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	10	0.12
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	10	0.12
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	10	0.12
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	10	0.12
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	10	0.12
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	10	0.12
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	20	0.12
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	20	0.12
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	20	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	1	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	1	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	1	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	2	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	2	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	2	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	4	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	4	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	4	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	5	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	5	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	5	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	6	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	6	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	6	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	8	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	8	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	8	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	10	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	10	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	10	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	11	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	11	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	11	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	12	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	12	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	12	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	13	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	13	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	13	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	14	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	14	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	14	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	15	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	15	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	15	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	16	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	16	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	16	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	17	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	17	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	17	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	18	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	18	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	18	0.12
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	20	0.12
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	20	0.12
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	20	0.12
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	7	0.12
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	7	0.12
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	7	0.12
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	7	0.12
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	7	0.12
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	7	0.12
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	7	0.12
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	7	0.12
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	7	0.12
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD11	6	0.12
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD12	6	0.12
(1,1536)	1:72:A:LEU:HB2	1:77:A:LEU:HD13	6	0.12
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD11	6	0.12
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD12	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1536)	1:72:A:LEU:HB3	1:77:A:LEU:HD13	6	0.12
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	20	0.12
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	20	0.12
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	20	0.12
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	20	0.12
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	20	0.12
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	20	0.12
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD21	3	0.12
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD22	3	0.12
(1,1497)	1:43:A:MET:HE1	1:35:A:LEU:HD23	3	0.12
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD21	3	0.12
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD22	3	0.12
(1,1497)	1:43:A:MET:HE2	1:35:A:LEU:HD23	3	0.12
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD21	3	0.12
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD22	3	0.12
(1,1497)	1:43:A:MET:HE3	1:35:A:LEU:HD23	3	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	6	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	6	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	6	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	6	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	6	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	6	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	7	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	7	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	7	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	7	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	7	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	7	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	13	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	13	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	13	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	13	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	13	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	13	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	14	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	14	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	14	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	14	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	14	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	14	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	15	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	15	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	15	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	15	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	15	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	17	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	17	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	17	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	17	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	17	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	17	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	18	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	18	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	18	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	18	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	18	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	18	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	20	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	20	0.12
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	20	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	20	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	20	0.12
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	20	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD11	16	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD12	16	0.12
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD13	16	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD11	16	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD12	16	0.12
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD13	16	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD11	16	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD12	16	0.12
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD13	16	0.12
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD11	12	0.12
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD12	12	0.12
(1,1428)	1:53:A:ILE:HG21	1:72:A:LEU:HD13	12	0.12
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD11	12	0.12
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD12	12	0.12
(1,1428)	1:53:A:ILE:HG22	1:72:A:LEU:HD13	12	0.12
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD11	12	0.12
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD12	12	0.12
(1,1428)	1:53:A:ILE:HG23	1:72:A:LEU:HD13	12	0.12
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	14	0.12
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	14	0.12
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG12	14	0.12
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG13	14	0.12
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG12	14	0.12
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG13	14	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	14	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	14	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	14	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	14	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	14	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	14	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	17	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	17	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	17	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	17	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	17	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	17	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	20	0.12
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	20	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	20	0.12
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	20	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	20	0.12
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	20	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	1	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	1	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	7	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	7	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	9	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	9	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	10	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	10	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	13	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	13	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	14	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	14	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	15	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	15	0.12
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	17	0.12
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	17	0.12
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	20	0.12
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	20	0.12
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	20	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	20	0.12
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	20	0.12
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	20	0.12
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG11	9	0.12
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG12	9	0.12
(1,1204)	1:131:A:PRO:HA	1:140:A:VAL:HG13	9	0.12
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	5	0.12
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	11	0.12
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	15	0.12
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	16	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	3	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	3	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	6	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	6	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	7	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	7	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	15	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	15	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	18	0.12
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	18	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	1	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	1	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	1	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	5	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	5	0.12
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	5	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	1	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	1	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	1	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	20	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	20	0.12
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	20	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	9	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	9	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	9	0.12
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	9	0.12
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	9	0.12
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	9	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	15	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	15	0.12
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	15	0.12
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	15	0.12
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	15	0.12
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD21	2	0.12
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD22	2	0.12
(1,804)	1:87:A:LEU:H	1:87:A:LEU:HD23	2	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	5	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	5	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	5	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	9	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	9	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	9	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	12	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	12	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	12	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	17	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	17	0.12
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	17	0.12
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	1	0.12
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	1	0.12
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	1	0.12
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	1	0.12
(1,455)	1:147:A:THR:H	1:145:A:ASP:HA	14	0.12
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	3	0.12
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	17	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	1	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	2	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	3	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	4	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	5	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	6	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	7	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	8	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	9	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	10	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	11	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	14	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	15	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	16	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	17	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	19	0.12
(1,430)	1:135:A:ASP:H	1:135:A:ASP:HA	20	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	8	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	11	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	12	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	14	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	15	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	16	0.12
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	17	0.12
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	2	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	5	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	10	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	11	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	14	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	17	0.12
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	19	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	3	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	5	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	6	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	7	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	10	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	13	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	17	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	19	0.12
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	20	0.12
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	3	0.12
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	9	0.12
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	13	0.12
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	14	0.12
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	17	0.12
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	19	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	3	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	8	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	9	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	11	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	12	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	13	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	17	0.12
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	19	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	2	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	4	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	11	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	15	0.12
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	18	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	19	0.12
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	5	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	1	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	2	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	3	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	4	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	5	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	6	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	7	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	9	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	10	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	14	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	15	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	16	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	18	0.12
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	19	0.12
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	4	0.12
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	6	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	1	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	1	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	1	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	1	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	12	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	12	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	12	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	12	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	18	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	18	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	18	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	18	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	19	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	19	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	19	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	19	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	20	0.12
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	20	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	20	0.12
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	20	0.12
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD1	8	0.12
(1,4)	1:32:A:LEU:HD11	1:7:A:TYR:HD2	8	0.12
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD1	8	0.12
(1,4)	1:32:A:LEU:HD12	1:7:A:TYR:HD2	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD1	8	0.12
(1,4)	1:32:A:LEU:HD13	1:7:A:TYR:HD2	8	0.12
(2,155)	1:64:A:ASP:HB2	1:56:A:TRP:HE1	15	0.11
(2,155)	1:64:A:ASP:HB3	1:56:A:TRP:HE1	15	0.11
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	1	0.11
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	1	0.11
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	18	0.11
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	18	0.11
(2,120)	1:156:A:ARG:HD2	1:158:A:GLN:H	20	0.11
(2,120)	1:156:A:ARG:HD3	1:158:A:GLN:H	20	0.11
(2,23)	1:1:A:MET:HA	1:172:A:TYR:HD1	7	0.11
(2,23)	1:1:A:MET:HA	1:172:A:TYR:HD2	7	0.11
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	1	0.11
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	16	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	1	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	1	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	2	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	2	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	4	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	4	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE21	6	0.11
(1,5106)	1:158:A:GLN:HA	1:158:A:GLN:HE22	6	0.11
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE21	10	0.11
(1,5081)	1:149:A:GLN:H	1:149:A:GLN:HE22	10	0.11
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	7	0.11
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	7	0.11
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	10	0.11
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	10	0.11
(1,4997)	1:171:A:HIS:HB2	1:169:A:ALA:H	17	0.11
(1,4997)	1:171:A:HIS:HB3	1:169:A:ALA:H	17	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	1	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	1	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	3	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	3	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	8	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	8	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	9	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	9	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	11	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	11	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	12	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	13	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	13	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	14	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	14	0.11
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	19	0.11
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	19	0.11
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	9	0.11
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	13	0.11
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	6	0.11
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	16	0.11
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	1	0.11
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	1	0.11
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	5	0.11
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	5	0.11
(1,4894)	1:155:A:GLU:HG2	1:157:A:ILE:H	6	0.11
(1,4894)	1:155:A:GLU:HG3	1:157:A:ILE:H	6	0.11
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	9	0.11
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	9	0.11
(1,4873)	1:154:A:ASP:HA	1:155:A:GLU:H	14	0.11
(1,4866)	1:155:A:GLU:HB2	1:154:A:ASP:H	7	0.11
(1,4866)	1:155:A:GLU:HB3	1:154:A:ASP:H	7	0.11
(1,4849)	1:155:A:GLU:HB2	1:153:A:SER:H	14	0.11
(1,4849)	1:155:A:GLU:HB3	1:153:A:SER:H	14	0.11
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	4	0.11
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	8	0.11
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	10	0.11
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	11	0.11
(1,4823)	1:149:A:GLN:HA	1:149:A:GLN:H	16	0.11
(1,4763)	1:144:A:LEU:HD11	1:145:A:ASP:H	2	0.11
(1,4763)	1:144:A:LEU:HD12	1:145:A:ASP:H	2	0.11
(1,4763)	1:144:A:LEU:HD13	1:145:A:ASP:H	2	0.11
(1,4763)	1:144:A:LEU:HD11	1:145:A:ASP:H	19	0.11
(1,4763)	1:144:A:LEU:HD12	1:145:A:ASP:H	19	0.11
(1,4763)	1:144:A:LEU:HD13	1:145:A:ASP:H	19	0.11
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	20	0.11
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	20	0.11
(1,4668)	1:149:A:GLN:HG2	1:152:A:LEU:H	1	0.11
(1,4668)	1:149:A:GLN:HG3	1:152:A:LEU:H	1	0.11
(1,4639)	1:133:A:ILE:HG12	1:134:A:ALA:H	3	0.11
(1,4639)	1:133:A:ILE:HG13	1:134:A:ALA:H	3	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	2	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	5	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	7	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	8	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	9	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	10	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	11	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	14	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	17	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	18	0.11
(1,4634)	1:135:A:ASP:H	1:133:A:ILE:H	20	0.11
(1,4631)	1:133:A:ILE:HA	1:133:A:ILE:H	3	0.11
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	5	0.11
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	6	0.11
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	8	0.11
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	10	0.11
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	15	0.11
(1,4597)	1:131:A:PRO:HD2	1:128:A:SER:H	15	0.11
(1,4597)	1:131:A:PRO:HD3	1:128:A:SER:H	15	0.11
(1,4580)	1:125:A:GLU:HA	1:125:A:GLU:H	9	0.11
(1,4579)	1:124:A:TYR:HE1	1:125:A:GLU:H	11	0.11
(1,4579)	1:124:A:TYR:HE2	1:125:A:GLU:H	11	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	1	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	2	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	5	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	8	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	9	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	11	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	17	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	19	0.11
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	20	0.11
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	2	0.11
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	3	0.11
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	6	0.11
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	8	0.11
(1,4563)	1:124:A:TYR:HA	1:124:A:TYR:H	16	0.11
(1,4501)	1:116:A:VAL:HG11	1:116:A:VAL:H	20	0.11
(1,4501)	1:116:A:VAL:HG12	1:116:A:VAL:H	20	0.11
(1,4501)	1:116:A:VAL:HG13	1:116:A:VAL:H	20	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	3	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	4	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	5	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	7	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	8	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	9	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	10	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	11	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	12	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	14	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	15	0.11
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	17	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	3	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	6	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	7	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	9	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	10	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	13	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	15	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	16	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	17	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	18	0.11
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	20	0.11
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	1	0.11
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	12	0.11
(1,4380)	1:103:A:MET:HA	1:104:A:LEU:H	19	0.11
(1,4320)	1:131:A:PRO:HG2	1:99:A:ASP:H	2	0.11
(1,4320)	1:131:A:PRO:HG3	1:99:A:ASP:H	2	0.11
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	3	0.11
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	5	0.11
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	8	0.11
(1,4317)	1:98:A:LEU:HA	1:99:A:ASP:H	15	0.11
(1,4273)	1:92:A:GLY:H	1:94:A:GLY:H	12	0.11
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	7	0.11
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	14	0.11
(1,4260)	1:90:A:GLN:HA	1:93:A:TYR:H	16	0.11
(1,4256)	1:93:A:TYR:HA	1:93:A:TYR:H	20	0.11
(1,4247)	1:94:A:GLY:H	1:92:A:GLY:H	12	0.11
(1,4236)	1:91:A:LEU:HD11	1:92:A:GLY:H	20	0.11
(1,4236)	1:91:A:LEU:HD12	1:92:A:GLY:H	20	0.11
(1,4236)	1:91:A:LEU:HD13	1:92:A:GLY:H	20	0.11
(1,4208)	1:98:A:LEU:HD21	1:89:A:ASP:H	10	0.11
(1,4208)	1:98:A:LEU:HD22	1:89:A:ASP:H	10	0.11
(1,4208)	1:98:A:LEU:HD23	1:89:A:ASP:H	10	0.11
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4204)	1:89:A:ASP:HA	1:89:A:ASP:H	16	0.11
(1,4186)	1:98:A:LEU:HD21	1:88:A:GLY:H	12	0.11
(1,4186)	1:98:A:LEU:HD22	1:88:A:GLY:H	12	0.11
(1,4186)	1:98:A:LEU:HD23	1:88:A:GLY:H	12	0.11
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	2	0.11
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	5	0.11
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	12	0.11
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	17	0.11
(1,4122)	1:82:A:VAL:HA	1:82:A:VAL:H	19	0.11
(1,4115)	1:48:A:VAL:HG21	1:81:A:ILE:H	2	0.11
(1,4115)	1:48:A:VAL:HG22	1:81:A:ILE:H	2	0.11
(1,4115)	1:48:A:VAL:HG23	1:81:A:ILE:H	2	0.11
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	1	0.11
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	4	0.11
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	5	0.11
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	12	0.11
(1,4068)	1:77:A:LEU:HA	1:77:A:LEU:H	19	0.11
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	9	0.11
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	9	0.11
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	9	0.11
(1,4061)	1:75:A:LEU:HD21	1:76:A:ASN:H	18	0.11
(1,4061)	1:75:A:LEU:HD22	1:76:A:ASN:H	18	0.11
(1,4061)	1:75:A:LEU:HD23	1:76:A:ASN:H	18	0.11
(1,4040)	1:72:A:LEU:HB2	1:74:A:ASP:H	10	0.11
(1,4040)	1:72:A:LEU:HB3	1:74:A:ASP:H	10	0.11
(1,4029)	1:72:A:LEU:HD11	1:73:A:ASP:H	19	0.11
(1,4029)	1:72:A:LEU:HD12	1:73:A:ASP:H	19	0.11
(1,4029)	1:72:A:LEU:HD13	1:73:A:ASP:H	19	0.11
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	3	0.11
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	5	0.11
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	6	0.11
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	13	0.11
(1,3948)	1:62:A:GLN:HG2	1:63:A:GLU:H	5	0.11
(1,3948)	1:62:A:GLN:HG3	1:63:A:GLU:H	5	0.11
(1,3948)	1:62:A:GLN:HG2	1:63:A:GLU:H	13	0.11
(1,3948)	1:62:A:GLN:HG3	1:63:A:GLU:H	13	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	1	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	5	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	7	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	9	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	10	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	13	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	15	0.11
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	20	0.11
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	9	0.11
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	14	0.11
(1,3866)	1:56:A:TRP:HA	1:56:A:TRP:H	16	0.11
(1,3803)	1:81:A:ILE:HG12	1:49:A:LEU:H	14	0.11
(1,3803)	1:81:A:ILE:HG13	1:49:A:LEU:H	14	0.11
(1,3796)	1:3:A:MET:HA	1:48:A:VAL:H	3	0.11
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	3	0.11
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	16	0.11
(1,3758)	1:45:A:GLN:HG2	1:46:A:TYR:H	4	0.11
(1,3758)	1:45:A:GLN:HG3	1:46:A:TYR:H	4	0.11
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	3	0.11
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	16	0.11
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	2	0.11
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	15	0.11
(1,3708)	1:34:A:ASN:HB2	1:37:A:ASP:H	20	0.11
(1,3708)	1:34:A:ASN:HB3	1:37:A:ASP:H	20	0.11
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	2	0.11
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	3	0.11
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	8	0.11
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	9	0.11
(1,3647)	1:32:A:LEU:HA	1:32:A:LEU:H	13	0.11
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	13	0.11
(1,3643)	1:31:A:THR:HA	1:31:A:THR:H	20	0.11
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	8	0.11
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	8	0.11
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	9	0.11
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	9	0.11
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	19	0.11
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	19	0.11
(1,3476)	1:15:A:GLU:HB2	1:13:A:TYR:H	20	0.11
(1,3476)	1:15:A:GLU:HB3	1:13:A:TYR:H	20	0.11
(1,3460)	1:56:A:TRP:HE1	1:11:A:THR:H	13	0.11
(1,3446)	1:7:A:TYR:HD1	1:9:A:SER:H	8	0.11
(1,3446)	1:7:A:TYR:HD2	1:9:A:SER:H	8	0.11
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	9	0.11
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	9	0.11
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	11	0.11
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	11	0.11
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	5	0.11
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	8	0.11
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	17	0.11
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	18	0.11
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	19	0.11
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	2	0.11
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	15	0.11
(1,3391)	1:32:A:LEU:H	1:5:A:LEU:H	17	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	2	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	3	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	4	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	5	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	7	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	10	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	12	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	13	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	14	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	15	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	17	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	18	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	19	0.11
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	20	0.11
(1,3143)	1:156:A:ARG:H	1:157:A:ILE:HB	7	0.11
(1,3099)	1:150:A:TYR:HD1	1:147:A:THR:HA	5	0.11
(1,3099)	1:150:A:TYR:HD2	1:147:A:THR:HA	5	0.11
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD11	2	0.11
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD12	2	0.11
(1,3095)	1:142:A:LEU:HG	1:144:A:LEU:HD13	2	0.11
(1,3083)	1:156:A:ARG:HD2	1:142:A:LEU:HD11	5	0.11
(1,3083)	1:156:A:ARG:HD2	1:142:A:LEU:HD12	5	0.11
(1,3083)	1:156:A:ARG:HD2	1:142:A:LEU:HD13	5	0.11
(1,3083)	1:156:A:ARG:HD3	1:142:A:LEU:HD11	5	0.11
(1,3083)	1:156:A:ARG:HD3	1:142:A:LEU:HD12	5	0.11
(1,3083)	1:156:A:ARG:HD3	1:142:A:LEU:HD13	5	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	1	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	1	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	1	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	7	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	7	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	7	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	16	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	16	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	16	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	17	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	17	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	17	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	18	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	18	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	18	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	19	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	19	0.11
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	19	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	4	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	4	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	4	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	9	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	9	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	9	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	10	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	10	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	10	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	11	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	11	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	11	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	12	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	12	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	12	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	13	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	13	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	13	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	15	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	15	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	15	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	16	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	16	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	16	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	17	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	17	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	17	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	19	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	19	0.11
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	19	0.11
(1,3008)	1:121:A:THR:HG21	1:133:A:ILE:HG12	3	0.11
(1,3008)	1:121:A:THR:HG21	1:133:A:ILE:HG13	3	0.11
(1,3008)	1:121:A:THR:HG22	1:133:A:ILE:HG12	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3008)	1:121:A:THR:HG22	1:133:A:ILE:HG13	3	0.11
(1,3008)	1:121:A:THR:HG23	1:133:A:ILE:HG12	3	0.11
(1,3008)	1:121:A:THR:HG23	1:133:A:ILE:HG13	3	0.11
(1,2970)	1:154:A:ASP:H	1:155:A:GLU:HB2	7	0.11
(1,2970)	1:154:A:ASP:H	1:155:A:GLU:HB3	7	0.11
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG11	3	0.11
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG12	3	0.11
(1,2935)	1:105:A:HIS:H	1:140:A:VAL:HG13	3	0.11
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG21	18	0.11
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG22	18	0.11
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG23	18	0.11
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	8	0.11
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	8	0.11
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	8	0.11
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	17	0.11
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	17	0.11
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	17	0.11
(1,2891)	1:136:A:GLY:HA2	1:132:A:VAL:HG21	3	0.11
(1,2891)	1:136:A:GLY:HA2	1:132:A:VAL:HG22	3	0.11
(1,2891)	1:136:A:GLY:HA2	1:132:A:VAL:HG23	3	0.11
(1,2891)	1:136:A:GLY:HA3	1:132:A:VAL:HG21	3	0.11
(1,2891)	1:136:A:GLY:HA3	1:132:A:VAL:HG22	3	0.11
(1,2891)	1:136:A:GLY:HA3	1:132:A:VAL:HG23	3	0.11
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	1	0.11
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	12	0.11
(1,2859)	1:104:A:LEU:H	1:103:A:MET:HA	19	0.11
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD21	10	0.11
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD22	10	0.11
(1,2833)	1:89:A:ASP:H	1:98:A:LEU:HD23	10	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	2	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	4	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	10	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	14	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	15	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	16	0.11
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	20	0.11
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD21	2	0.11
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD22	2	0.11
(1,2787)	1:92:A:GLY:H	1:91:A:LEU:HD23	2	0.11
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD11	20	0.11
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD12	20	0.11
(1,2783)	1:92:A:GLY:H	1:91:A:LEU:HD13	20	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	2	0.11
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	5	0.11
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	12	0.11
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	17	0.11
(1,2709)	1:82:A:VAL:H	1:82:A:VAL:HA	19	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	6	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	6	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	6	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	11	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	11	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	11	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	12	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	12	0.11
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	12	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	2	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	2	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	5	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	5	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	6	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	6	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	13	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	13	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	16	0.11
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	16	0.11
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	13	0.11
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	13	0.11
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	13	0.11
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	13	0.11
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	13	0.11
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	13	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	1	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	2	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	5	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	8	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	9	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	11	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	17	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	19	0.11
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	20	0.11
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	1	0.11
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	1	0.11
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	1	0.11
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	1	0.11
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	1	0.11
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD2	1	0.11
(1,2386)	1:35:A:LEU:HD11	1:40:A:PRO:HD3	1	0.11
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD2	1	0.11
(1,2386)	1:35:A:LEU:HD12	1:40:A:PRO:HD3	1	0.11
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD2	1	0.11
(1,2386)	1:35:A:LEU:HD13	1:40:A:PRO:HD3	1	0.11
(1,2379)	1:42:A:LEU:H	1:39:A:SER:HB2	16	0.11
(1,2379)	1:42:A:LEU:H	1:39:A:SER:HB3	16	0.11
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	18	0.11
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	18	0.11
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	18	0.11
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	2	0.11
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	2	0.11
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	11	0.11
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	11	0.11
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	12	0.11
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	12	0.11
(1,2291)	1:122:A:GLU:HG2	1:122:A:GLU:HA	19	0.11
(1,2291)	1:122:A:GLU:HG3	1:122:A:GLU:HA	19	0.11
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB1	1	0.11
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB2	1	0.11
(1,2187)	1:87:A:LEU:HD11	1:17:A:ALA:HB3	1	0.11
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB1	1	0.11
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB2	1	0.11
(1,2187)	1:87:A:LEU:HD12	1:17:A:ALA:HB3	1	0.11
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB1	1	0.11
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB2	1	0.11
(1,2187)	1:87:A:LEU:HD13	1:17:A:ALA:HB3	1	0.11
(1,2177)	1:18:A:ALA:HB1	1:16:A:MET:HA	13	0.11
(1,2177)	1:18:A:ALA:HB2	1:16:A:MET:HA	13	0.11
(1,2177)	1:18:A:ALA:HB3	1:16:A:MET:HA	13	0.11
(1,2177)	1:18:A:ALA:HB1	1:16:A:MET:HA	16	0.11
(1,2177)	1:18:A:ALA:HB2	1:16:A:MET:HA	16	0.11
(1,2177)	1:18:A:ALA:HB3	1:16:A:MET:HA	16	0.11
(1,2142)	1:11:A:THR:H	1:12:A:CYS:HA	15	0.11
(1,2079)	1:2:A:ASN:HB2	1:1:A:MET:HA	7	0.11
(1,2079)	1:2:A:ASN:HB3	1:1:A:MET:HA	7	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	12	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	12	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	12	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	12	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	12	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	17	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	17	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	17	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	17	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	17	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	17	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	19	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	19	0.11
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	19	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	19	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	19	0.11
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	19	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	7	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	7	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	7	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	9	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	9	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	9	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD11	19	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD12	19	0.11
(1,2040)	1:133:A:ILE:HA	1:133:A:ILE:HD13	19	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG21	7	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG22	7	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG23	7	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG21	7	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG22	7	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG23	7	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG21	8	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG22	8	0.11
(1,1990)	1:160:A:TRP:HB2	1:157:A:ILE:HG23	8	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG21	8	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG22	8	0.11
(1,1990)	1:160:A:TRP:HB3	1:157:A:ILE:HG23	8	0.11
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD11	1	0.11
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD12	1	0.11
(1,1959)	1:152:A:LEU:HA	1:152:A:LEU:HD13	1	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	2	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	10	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	14	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	15	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	16	0.11
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	20	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	1	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	3	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	5	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	16	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	17	0.11
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	18	0.11
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	2	0.11
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	2	0.11
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	2	0.11
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	9	0.11
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	9	0.11
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	9	0.11
(1,1762)	1:75:A:LEU:HD11	1:41:A:LYS:HA	11	0.11
(1,1762)	1:75:A:LEU:HD12	1:41:A:LYS:HA	11	0.11
(1,1762)	1:75:A:LEU:HD13	1:41:A:LYS:HA	11	0.11
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	7	0.11
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	7	0.11
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	7	0.11
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	9	0.11
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	9	0.11
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	9	0.11
(1,1709)	1:133:A:ILE:HD11	1:133:A:ILE:HA	19	0.11
(1,1709)	1:133:A:ILE:HD12	1:133:A:ILE:HA	19	0.11
(1,1709)	1:133:A:ILE:HD13	1:133:A:ILE:HA	19	0.11
(1,1657)	1:157:A:ILE:HG21	1:21:A:ILE:HA	20	0.11
(1,1657)	1:157:A:ILE:HG22	1:21:A:ILE:HA	20	0.11
(1,1657)	1:157:A:ILE:HG23	1:21:A:ILE:HA	20	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	1	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	1	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	1	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	1	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	1	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	1	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	1	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	1	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	1	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	2	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	2	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	2	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	2	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	2	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	2	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	2	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	2	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	4	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	4	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	4	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	4	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	4	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	4	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	4	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	4	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	4	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	5	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	5	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	5	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	5	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	5	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	5	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	5	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	5	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	5	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	8	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	8	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	8	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	8	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	8	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	8	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	8	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	8	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	8	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	9	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	9	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	9	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	9	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	9	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	9	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	9	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	9	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	10	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	10	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	10	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	10	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	10	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	10	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	10	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	10	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	10	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	11	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	11	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	11	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	11	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	11	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	11	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	11	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	11	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	11	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	12	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	12	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	12	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	12	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	12	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	12	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	12	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	12	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	12	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	13	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	13	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	13	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	13	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	13	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	13	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	13	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	13	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	13	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	14	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	14	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	14	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	14	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	14	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	14	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	14	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	14	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	14	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	15	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	15	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	15	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	15	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	15	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	15	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	15	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	15	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	15	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	16	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	16	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	16	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	16	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	16	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	16	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	16	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	16	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	16	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	17	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	17	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	17	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	17	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	17	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	17	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	17	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	17	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	17	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	18	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	18	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	18	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	18	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	18	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	18	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	18	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	18	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	18	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	19	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	19	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	19	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	19	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	19	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	19	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	19	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	19	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	19	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB1	20	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB2	20	0.11
(1,1611)	1:133:A:ILE:HG21	1:134:A:ALA:HB3	20	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB1	20	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB2	20	0.11
(1,1611)	1:133:A:ILE:HG22	1:134:A:ALA:HB3	20	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB1	20	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB2	20	0.11
(1,1611)	1:133:A:ILE:HG23	1:134:A:ALA:HB3	20	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	8	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	8	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	8	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	8	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	8	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	8	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	10	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	10	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	10	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	10	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	10	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	10	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG11	18	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG12	18	0.11
(1,1531)	1:49:A:LEU:HB2	1:82:A:VAL:HG13	18	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG11	18	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG12	18	0.11
(1,1531)	1:49:A:LEU:HB3	1:82:A:VAL:HG13	18	0.11
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	13	0.11
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	13	0.11
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	13	0.11
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	13	0.11
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	13	0.11
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	13	0.11
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD11	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD12	18	0.11
(1,1488)	1:43:A:MET:HE1	1:35:A:LEU:HD13	18	0.11
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD11	18	0.11
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD12	18	0.11
(1,1488)	1:43:A:MET:HE2	1:35:A:LEU:HD13	18	0.11
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD11	18	0.11
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD12	18	0.11
(1,1488)	1:43:A:MET:HE3	1:35:A:LEU:HD13	18	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	2	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	2	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	2	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	2	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	2	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	2	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	9	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	9	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	9	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	9	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	9	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	9	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	10	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	10	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	10	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	10	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	10	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	10	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	16	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	16	0.11
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	16	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	16	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	16	0.11
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	16	0.11
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD11	14	0.11
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD12	14	0.11
(1,1468)	1:147:A:THR:HG21	1:91:A:LEU:HD13	14	0.11
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD11	14	0.11
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD12	14	0.11
(1,1468)	1:147:A:THR:HG22	1:91:A:LEU:HD13	14	0.11
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD11	14	0.11
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD12	14	0.11
(1,1468)	1:147:A:THR:HG23	1:91:A:LEU:HD13	14	0.11
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	18	0.11
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	18	0.11
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD21	6	0.11
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD22	6	0.11
(1,1399)	1:113:A:VAL:HG11	1:108:A:LEU:HD23	6	0.11
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD21	6	0.11
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD22	6	0.11
(1,1399)	1:113:A:VAL:HG12	1:108:A:LEU:HD23	6	0.11
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD21	6	0.11
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD22	6	0.11
(1,1399)	1:113:A:VAL:HG13	1:108:A:LEU:HD23	6	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	6	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	6	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	6	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	6	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	6	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	6	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	16	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	16	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	16	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	16	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	16	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	16	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	18	0.11
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	18	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	18	0.11
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	18	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	18	0.11
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	18	0.11
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	2	0.11
(1,1338)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	2	0.11
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	2	0.11
(1,1338)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	2	0.11
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	2	0.11
(1,1338)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	2	0.11
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB2	2	0.11
(1,1332)	1:77:A:LEU:HD21	1:40:A:PRO:HB3	2	0.11
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB2	2	0.11
(1,1332)	1:77:A:LEU:HD22	1:40:A:PRO:HB3	2	0.11
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB2	2	0.11
(1,1332)	1:77:A:LEU:HD23	1:40:A:PRO:HB3	2	0.11
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG2	17	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1329)	1:48:A:VAL:HG11	1:1:A:MET:HG3	17	0.11
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG2	17	0.11
(1,1329)	1:48:A:VAL:HG12	1:1:A:MET:HG3	17	0.11
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG2	17	0.11
(1,1329)	1:48:A:VAL:HG13	1:1:A:MET:HG3	17	0.11
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	3	0.11
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	3	0.11
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	4	0.11
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	4	0.11
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	12	0.11
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	12	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	8	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	8	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	8	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	8	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	8	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	8	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	10	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	10	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	10	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	10	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	10	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	10	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB2	18	0.11
(1,1218)	1:82:A:VAL:HG11	1:49:A:LEU:HB3	18	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB2	18	0.11
(1,1218)	1:82:A:VAL:HG12	1:49:A:LEU:HB3	18	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB2	18	0.11
(1,1218)	1:82:A:VAL:HG13	1:49:A:LEU:HB3	18	0.11
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	6	0.11
(1,989)	1:48:A:VAL:HA	1:81:A:ILE:HB	12	0.11
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	14	0.11
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	14	0.11
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	17	0.11
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	17	0.11
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD21	16	0.11
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD22	16	0.11
(1,864)	1:77:A:LEU:H	1:77:A:LEU:HD23	16	0.11
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG11	20	0.11
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG12	20	0.11
(1,861)	1:116:A:VAL:H	1:116:A:VAL:HG13	20	0.11
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD11	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD12	2	0.11
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD13	2	0.11
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD11	19	0.11
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD12	19	0.11
(1,840)	1:145:A:ASP:H	1:144:A:LEU:HD13	19	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG21	10	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG22	10	0.11
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG23	10	0.11
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD21	12	0.11
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD22	12	0.11
(1,829)	1:88:A:GLY:H	1:98:A:LEU:HD23	12	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	9	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	9	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	9	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD21	18	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD22	18	0.11
(1,822)	1:76:A:ASN:H	1:75:A:LEU:HD23	18	0.11
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	12	0.11
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	12	0.11
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	12	0.11
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	12	0.11
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	12	0.11
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	12	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	9	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	9	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	12	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	12	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	18	0.11
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	18	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	9	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	9	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	12	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	12	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	18	0.11
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	18	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	1	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	5	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	7	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	9	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	10	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	13	0.11
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	15	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	20	0.11
(1,428)	1:33:A:HIS:H	1:33:A:HIS:HA	4	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	3	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	5	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	6	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	7	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	11	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	15	0.11
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	18	0.11
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	2	0.11
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	3	0.11
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	6	0.11
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	8	0.11
(1,402)	1:124:A:TYR:H	1:124:A:TYR:HA	16	0.11
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	9	0.11
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	14	0.11
(1,400)	1:56:A:TRP:H	1:56:A:TRP:HA	16	0.11
(1,388)	1:9:A:SER:H	1:9:A:SER:HA	2	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	4	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	5	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	7	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	8	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	15	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	16	0.11
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	20	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	1	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	4	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	5	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	7	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	14	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	15	0.11
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	16	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	3	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	4	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	5	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	6	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	7	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	8	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	9	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	10	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	11	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	14	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	15	0.11
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	17	0.11
(1,350)	1:155:A:GLU:H	1:154:A:ASP:HA	14	0.11
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	8	0.11
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	14	0.11
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	16	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	3	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	6	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	7	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	9	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	10	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	13	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	15	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	16	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	17	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	18	0.11
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	20	0.11
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	1	0.11
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	16	0.11
(1,311)	1:133:A:ILE:H	1:133:A:ILE:HA	3	0.11
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	13	0.11
(1,292)	1:31:A:THR:H	1:31:A:THR:HA	20	0.11
(1,275)	1:162:A:GLU:H	1:159:A:SER:HB2	5	0.11
(1,275)	1:162:A:GLU:H	1:159:A:SER:HB3	5	0.11
(1,272)	1:162:A:GLU:H	1:159:A:SER:HB2	5	0.11
(1,272)	1:162:A:GLU:H	1:159:A:SER:HB3	5	0.11
(1,252)	1:166:A:ASN:H	1:164:A:ILE:HA	13	0.11
(1,236)	1:49:A:LEU:HB2	1:6:A:PHE:HZ	14	0.11
(1,236)	1:49:A:LEU:HB3	1:6:A:PHE:HZ	14	0.11
(1,236)	1:49:A:LEU:HB2	1:6:A:PHE:HZ	17	0.11
(1,236)	1:49:A:LEU:HB3	1:6:A:PHE:HZ	17	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	1	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	3	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	5	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	16	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	17	0.11
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	18	0.11
(1,67)	1:95:A:GLU:HG2	1:96:A:TRP:HZ2	20	0.11
(1,67)	1:95:A:GLU:HG3	1:96:A:TRP:HZ2	20	0.11
(2,155)	1:64:A:ASP:HB2	1:56:A:TRP:HE1	4	0.1
(2,155)	1:64:A:ASP:HB3	1:56:A:TRP:HE1	4	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,5216)	1:149:A:GLN:HB2	1:152:A:LEU:H	20	0.1
(1,5216)	1:149:A:GLN:HB3	1:152:A:LEU:H	20	0.1
(1,5205)	1:143:A:ALA:H	1:119:A:TRP:HE1	9	0.1
(1,5183)	1:10:A:SER:HB2	1:56:A:TRP:HE1	16	0.1
(1,5183)	1:10:A:SER:HB3	1:56:A:TRP:HE1	16	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	2	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	4	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	5	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	8	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	10	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	14	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	15	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	17	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	18	0.1
(1,5176)	1:132:A:VAL:HA	1:132:A:VAL:H	20	0.1
(1,4963)	1:168:A:MET:H	1:166:A:ASN:H	8	0.1
(1,4925)	1:163:A:GLN:HG2	1:161:A:CYS:H	20	0.1
(1,4925)	1:163:A:GLN:HG3	1:161:A:CYS:H	20	0.1
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	5	0.1
(1,4904)	1:158:A:GLN:H	1:159:A:SER:H	8	0.1
(1,4901)	1:157:A:ILE:HA	1:159:A:SER:H	17	0.1
(1,4879)	1:158:A:GLN:HE21	1:156:A:ARG:H	15	0.1
(1,4879)	1:158:A:GLN:HE22	1:156:A:ARG:H	15	0.1
(1,4738)	1:119:A:TRP:HE1	1:143:A:ALA:H	9	0.1
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	1	0.1
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	3	0.1
(1,4722)	1:139:A:PHE:H	1:141:A:GLY:H	18	0.1
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	1	0.1
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	3	0.1
(1,4694)	1:141:A:GLY:H	1:139:A:PHE:H	18	0.1
(1,4631)	1:133:A:ILE:HA	1:133:A:ILE:H	11	0.1
(1,4615)	1:140:A:VAL:HB	1:132:A:VAL:H	12	0.1
(1,4573)	1:136:A:GLY:HA2	1:137:A:GLN:H	3	0.1
(1,4573)	1:136:A:GLY:HA3	1:137:A:GLN:H	3	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	4	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	6	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	7	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	10	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	12	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	13	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	14	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	15	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	16	0.1
(1,4571)	1:137:A:GLN:HA	1:137:A:GLN:H	18	0.1
(1,4508)	1:164:A:ILE:HA	1:117:A:GLY:H	13	0.1
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	1	0.1
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	2	0.1
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	16	0.1
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	19	0.1
(1,4486)	1:115:A:PHE:HA	1:115:A:PHE:H	20	0.1
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	1	0.1
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	2	0.1
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	8	0.1
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	11	0.1
(1,4479)	1:113:A:VAL:HA	1:113:A:VAL:H	12	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	3	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	4	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	14	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	15	0.1
(1,4458)	1:111:A:LYS:HA	1:111:A:LYS:H	16	0.1
(1,4443)	1:106:A:ASP:H	1:109:A:SER:H	6	0.1
(1,4443)	1:106:A:ASP:H	1:109:A:SER:H	14	0.1
(1,4443)	1:106:A:ASP:H	1:109:A:SER:H	16	0.1
(1,4409)	1:140:A:VAL:HG11	1:106:A:ASP:H	15	0.1
(1,4409)	1:140:A:VAL:HG12	1:106:A:ASP:H	15	0.1
(1,4409)	1:140:A:VAL:HG13	1:106:A:ASP:H	15	0.1
(1,4400)	1:109:A:SER:H	1:106:A:ASP:H	6	0.1
(1,4400)	1:109:A:SER:H	1:106:A:ASP:H	14	0.1
(1,4400)	1:109:A:SER:H	1:106:A:ASP:H	16	0.1
(1,4297)	1:96:A:TRP:HA	1:97:A:PHE:H	20	0.1
(1,4234)	1:91:A:LEU:HD11	1:91:A:LEU:H	19	0.1
(1,4234)	1:91:A:LEU:HD12	1:91:A:LEU:H	19	0.1
(1,4234)	1:91:A:LEU:HD13	1:91:A:LEU:H	19	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	4	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	4	0.1
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	4	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	6	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	6	0.1
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	6	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	8	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	8	0.1
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	8	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	11	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	11	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	11	0.1
(1,4133)	1:116:A:VAL:HG21	1:83:A:ALA:H	18	0.1
(1,4133)	1:116:A:VAL:HG22	1:83:A:ALA:H	18	0.1
(1,4133)	1:116:A:VAL:HG23	1:83:A:ALA:H	18	0.1
(1,4113)	1:80:A:LYS:HG2	1:81:A:ILE:H	3	0.1
(1,4113)	1:80:A:LYS:HG3	1:81:A:ILE:H	3	0.1
(1,4110)	1:80:A:LYS:HG2	1:81:A:ILE:H	3	0.1
(1,4110)	1:80:A:LYS:HG3	1:81:A:ILE:H	3	0.1
(1,4106)	1:80:A:LYS:H	1:81:A:ILE:H	19	0.1
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	6	0.1
(1,4097)	1:80:A:LYS:HA	1:80:A:LYS:H	19	0.1
(1,4096)	1:81:A:ILE:H	1:80:A:LYS:H	19	0.1
(1,4040)	1:72:A:LEU:HB2	1:74:A:ASP:H	5	0.1
(1,4040)	1:72:A:LEU:HB3	1:74:A:ASP:H	5	0.1
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	10	0.1
(1,3959)	1:65:A:TRP:HA	1:65:A:TRP:H	15	0.1
(1,3948)	1:62:A:GLN:HG2	1:63:A:GLU:H	6	0.1
(1,3948)	1:62:A:GLN:HG3	1:63:A:GLU:H	6	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	2	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	4	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	6	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	8	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	11	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	18	0.1
(1,3910)	1:60:A:GLU:HA	1:60:A:GLU:H	19	0.1
(1,3894)	1:99:A:ASP:HB2	1:59:A:GLY:H	15	0.1
(1,3894)	1:99:A:ASP:HB3	1:59:A:GLY:H	15	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	2	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	6	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	9	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	12	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	13	0.1
(1,3778)	1:46:A:TYR:H	1:47:A:ASP:H	19	0.1
(1,3760)	1:49:A:LEU:HD11	1:46:A:TYR:H	13	0.1
(1,3760)	1:49:A:LEU:HD12	1:46:A:TYR:H	13	0.1
(1,3760)	1:49:A:LEU:HD13	1:46:A:TYR:H	13	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	2	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	6	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	9	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	12	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	13	0.1
(1,3753)	1:47:A:ASP:H	1:46:A:TYR:H	19	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3739)	1:42:A:LEU:HB2	1:42:A:LEU:H	3	0.1
(1,3739)	1:42:A:LEU:HB3	1:42:A:LEU:H	3	0.1
(1,3739)	1:42:A:LEU:HB2	1:42:A:LEU:H	19	0.1
(1,3739)	1:42:A:LEU:HB3	1:42:A:LEU:H	19	0.1
(1,3737)	1:42:A:LEU:HB2	1:42:A:LEU:H	3	0.1
(1,3737)	1:42:A:LEU:HB3	1:42:A:LEU:H	3	0.1
(1,3737)	1:42:A:LEU:HB2	1:42:A:LEU:H	19	0.1
(1,3737)	1:42:A:LEU:HB3	1:42:A:LEU:H	19	0.1
(1,3725)	1:39:A:SER:HA	1:39:A:SER:H	12	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	2	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	3	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	4	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	10	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	11	0.1
(1,3716)	1:38:A:ASP:HA	1:38:A:ASP:H	15	0.1
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	5	0.1
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	6	0.1
(1,3664)	1:35:A:LEU:H	1:33:A:HIS:H	7	0.1
(1,3561)	1:20:A:LYS:HA	1:21:A:ILE:H	2	0.1
(1,3561)	1:20:A:LYS:HA	1:21:A:ILE:H	6	0.1
(1,3561)	1:20:A:LYS:HA	1:21:A:ILE:H	12	0.1
(1,3561)	1:20:A:LYS:HA	1:21:A:ILE:H	16	0.1
(1,3408)	1:6:A:PHE:HE1	1:6:A:PHE:H	5	0.1
(1,3408)	1:6:A:PHE:HE2	1:6:A:PHE:H	5	0.1
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	2	0.1
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	6	0.1
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	9	0.1
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	14	0.1
(1,3396)	1:31:A:THR:HA	1:5:A:LEU:H	16	0.1
(1,3366)	1:29:A:LEU:HA	1:2:A:ASN:H	4	0.1
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD21	18	0.1
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD22	18	0.1
(1,3335)	1:86:A:GLY:HA2	1:98:A:LEU:HD23	18	0.1
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD21	18	0.1
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD22	18	0.1
(1,3335)	1:86:A:GLY:HA3	1:98:A:LEU:HD23	18	0.1
(1,3185)	1:21:A:ILE:HG12	1:164:A:ILE:HD11	20	0.1
(1,3185)	1:21:A:ILE:HG12	1:164:A:ILE:HD12	20	0.1
(1,3185)	1:21:A:ILE:HG12	1:164:A:ILE:HD13	20	0.1
(1,3185)	1:21:A:ILE:HG13	1:164:A:ILE:HD11	20	0.1
(1,3185)	1:21:A:ILE:HG13	1:164:A:ILE:HD12	20	0.1
(1,3185)	1:21:A:ILE:HG13	1:164:A:ILE:HD13	20	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	6	0.1
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	8	0.1
(1,3178)	1:164:A:ILE:H	1:164:A:ILE:HB	11	0.1
(1,3138)	1:158:A:GLN:H	1:157:A:ILE:HA	7	0.1
(1,3138)	1:158:A:GLN:H	1:157:A:ILE:HA	8	0.1
(1,3099)	1:150:A:TYR:HD1	1:147:A:THR:HA	13	0.1
(1,3099)	1:150:A:TYR:HD2	1:147:A:THR:HA	13	0.1
(1,3068)	1:157:A:ILE:HA	1:142:A:LEU:HG	5	0.1
(1,3068)	1:157:A:ILE:HA	1:142:A:LEU:HG	11	0.1
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD11	20	0.1
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD12	20	0.1
(1,3048)	1:139:A:PHE:H	1:138:A:LEU:HD13	20	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	1	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	1	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	1	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	5	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	5	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	5	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	6	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	6	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	6	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	8	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	8	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	8	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	14	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	14	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	14	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	18	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	18	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	18	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD11	20	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD12	20	0.1
(1,3020)	1:134:A:ALA:HA	1:133:A:ILE:HD13	20	0.1
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG21	6	0.1
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG22	6	0.1
(1,2934)	1:84:A:LEU:H	1:116:A:VAL:HG23	6	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	4	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	4	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	4	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	6	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	6	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	8	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	8	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	8	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	11	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	11	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	11	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG21	18	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG22	18	0.1
(1,2932)	1:83:A:ALA:H	1:116:A:VAL:HG23	18	0.1
(1,2929)	1:82:A:VAL:HG21	1:115:A:PHE:HA	11	0.1
(1,2929)	1:82:A:VAL:HG22	1:115:A:PHE:HA	11	0.1
(1,2929)	1:82:A:VAL:HG23	1:115:A:PHE:HA	11	0.1
(1,2841)	1:172:A:TYR:HD1	1:168:A:MET:HA	8	0.1
(1,2841)	1:172:A:TYR:HD2	1:168:A:MET:HA	8	0.1
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	3	0.1
(1,2823)	1:98:A:LEU:HG	1:98:A:LEU:HA	8	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	1	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	1	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	1	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	5	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	5	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	5	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD21	19	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD22	19	0.1
(1,2651)	1:137:A:GLN:H	1:138:A:LEU:HD23	19	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	7	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	7	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	8	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	8	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	9	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	9	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	10	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	10	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	12	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	12	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	14	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	14	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB2	17	0.1
(1,2638)	1:74:A:ASP:H	1:75:A:LEU:HB3	17	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	1	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	1	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	1	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	1	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	1	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	1	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	5	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	5	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	5	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	5	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	5	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	5	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	7	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	7	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	7	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	7	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	7	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	7	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	8	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	8	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	8	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	8	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	8	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	8	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	9	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	9	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	9	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	9	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	9	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	9	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	10	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	10	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	10	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	10	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	10	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	10	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB2	19	0.1
(1,2518)	1:138:A:LEU:HD21	1:120:A:PRO:HB3	19	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB2	19	0.1
(1,2518)	1:138:A:LEU:HD22	1:120:A:PRO:HB3	19	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB2	19	0.1
(1,2518)	1:138:A:LEU:HD23	1:120:A:PRO:HB3	19	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	4	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	6	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	10	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	12	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	13	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	14	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	15	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	16	0.1
(1,2398)	1:137:A:GLN:H	1:137:A:GLN:HA	18	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	4	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	4	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	4	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	7	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	7	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	7	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD11	15	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD12	15	0.1
(1,2358)	1:51:A:LEU:HG	1:35:A:LEU:HD13	15	0.1
(1,2200)	1:21:A:ILE:H	1:20:A:LYS:HA	2	0.1
(1,2200)	1:21:A:ILE:H	1:20:A:LYS:HA	6	0.1
(1,2200)	1:21:A:ILE:H	1:20:A:LYS:HA	12	0.1
(1,2200)	1:21:A:ILE:H	1:20:A:LYS:HA	16	0.1
(1,2177)	1:18:A:ALA:HB1	1:16:A:MET:HA	3	0.1
(1,2177)	1:18:A:ALA:HB2	1:16:A:MET:HA	3	0.1
(1,2177)	1:18:A:ALA:HB3	1:16:A:MET:HA	3	0.1
(1,2130)	1:62:A:GLN:HG2	1:9:A:SER:HA	11	0.1
(1,2130)	1:62:A:GLN:HG3	1:9:A:SER:HA	11	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG2	6	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG3	6	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG2	14	0.1
(1,2081)	1:3:A:MET:H	1:1:A:MET:HG3	14	0.1
(1,2079)	1:2:A:ASN:HB2	1:1:A:MET:HA	20	0.1
(1,2079)	1:2:A:ASN:HB3	1:1:A:MET:HA	20	0.1
(1,2077)	1:47:A:ASP:H	1:1:A:MET:HA	7	0.1
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD11	5	0.1
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD12	5	0.1
(1,2063)	1:81:A:ILE:H	1:81:A:ILE:HD13	5	0.1
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	3	0.1
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	3	0.1
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	3	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	3	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	3	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	3	0.1
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD11	15	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD12	15	0.1
(1,2055)	1:172:A:TYR:HB2	1:81:A:ILE:HD13	15	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD11	15	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD12	15	0.1
(1,2055)	1:172:A:TYR:HB3	1:81:A:ILE:HD13	15	0.1
(1,2026)	1:164:A:ILE:HD11	1:50:A:ILE:HD11	20	0.1
(1,2026)	1:164:A:ILE:HD11	1:50:A:ILE:HD12	20	0.1
(1,2026)	1:164:A:ILE:HD11	1:50:A:ILE:HD13	20	0.1
(1,2026)	1:164:A:ILE:HD12	1:50:A:ILE:HD11	20	0.1
(1,2026)	1:164:A:ILE:HD12	1:50:A:ILE:HD12	20	0.1
(1,2026)	1:164:A:ILE:HD12	1:50:A:ILE:HD13	20	0.1
(1,2026)	1:164:A:ILE:HD13	1:50:A:ILE:HD11	20	0.1
(1,2026)	1:164:A:ILE:HD13	1:50:A:ILE:HD12	20	0.1
(1,2026)	1:164:A:ILE:HD13	1:50:A:ILE:HD13	20	0.1
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	3	0.1
(1,1953)	1:98:A:LEU:HA	1:98:A:LEU:HG	8	0.1
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	9	0.1
(1,1946)	1:162:A:GLU:H	1:119:A:TRP:HZ2	10	0.1
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB2	15	0.1
(1,1901)	1:91:A:LEU:HD11	1:148:A:ASN:HB3	15	0.1
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB2	15	0.1
(1,1901)	1:91:A:LEU:HD12	1:148:A:ASN:HB3	15	0.1
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB2	15	0.1
(1,1901)	1:91:A:LEU:HD13	1:148:A:ASN:HB3	15	0.1
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA2	4	0.1
(1,1880)	1:140:A:VAL:HG11	1:102:A:GLY:HA3	4	0.1
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA2	4	0.1
(1,1880)	1:140:A:VAL:HG12	1:102:A:GLY:HA3	4	0.1
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA2	4	0.1
(1,1880)	1:140:A:VAL:HG13	1:102:A:GLY:HA3	4	0.1
(1,1727)	1:132:A:VAL:HB	1:132:A:VAL:HA	3	0.1
(1,1648)	1:142:A:LEU:HG	1:157:A:ILE:HA	5	0.1
(1,1648)	1:142:A:LEU:HG	1:157:A:ILE:HA	11	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	1	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	1	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	1	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	1	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	1	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	1	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	5	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	5	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	5	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	5	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	5	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	5	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	7	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	7	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	7	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	7	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	7	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	7	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	8	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	8	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	8	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	8	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	8	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	8	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	9	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	9	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	9	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	9	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	9	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	9	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	10	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	10	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	10	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	10	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	10	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	10	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD21	19	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD22	19	0.1
(1,1499)	1:120:A:PRO:HB2	1:138:A:LEU:HD23	19	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD21	19	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD22	19	0.1
(1,1499)	1:120:A:PRO:HB3	1:138:A:LEU:HD23	19	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	5	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	5	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	5	0.1
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	5	0.1
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	5	0.1
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	5	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD21	8	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD22	8	0.1
(1,1479)	1:71:A:GLN:HG2	1:75:A:LEU:HD23	8	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD21	8	0.1
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD22	8	0.1
(1,1479)	1:71:A:GLN:HG3	1:75:A:LEU:HD23	8	0.1
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD11	15	0.1
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD12	15	0.1
(1,1458)	1:148:A:ASN:HB2	1:91:A:LEU:HD13	15	0.1
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD11	15	0.1
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD12	15	0.1
(1,1458)	1:148:A:ASN:HB3	1:91:A:LEU:HD13	15	0.1
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	4	0.1
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	4	0.1
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	4	0.1
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	7	0.1
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	7	0.1
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	7	0.1
(1,1414)	1:35:A:LEU:HD11	1:51:A:LEU:HG	15	0.1
(1,1414)	1:35:A:LEU:HD12	1:51:A:LEU:HG	15	0.1
(1,1414)	1:35:A:LEU:HD13	1:51:A:LEU:HG	15	0.1
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG12	3	0.1
(1,1380)	1:49:A:LEU:HB2	1:50:A:ILE:HG13	3	0.1
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG12	3	0.1
(1,1380)	1:49:A:LEU:HB3	1:50:A:ILE:HG13	3	0.1
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD2	4	0.1
(1,1350)	1:81:A:ILE:HD11	1:114:A:LYS:HD3	4	0.1
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD2	4	0.1
(1,1350)	1:81:A:ILE:HD12	1:114:A:LYS:HD3	4	0.1
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD2	4	0.1
(1,1350)	1:81:A:ILE:HD13	1:114:A:LYS:HD3	4	0.1
(1,1306)	1:3:A:MET:HB2	1:30:A:VAL:HB	8	0.1
(1,1306)	1:3:A:MET:HB3	1:30:A:VAL:HB	8	0.1
(1,1018)	1:132:A:VAL:HA	1:132:A:VAL:HB	3	0.1
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD2	16	0.1
(1,934)	1:35:A:LEU:HA	1:40:A:PRO:HD3	16	0.1
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG21	7	0.1
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG22	7	0.1
(1,835)	1:49:A:LEU:H	1:82:A:VAL:HG23	7	0.1
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	3	0.1
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	3	0.1
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	3	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	3	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	3	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG21	5	0.1
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG22	5	0.1
(1,818)	1:126:A:PHE:HD1	1:132:A:VAL:HG23	5	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG21	5	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG22	5	0.1
(1,818)	1:126:A:PHE:HD2	1:132:A:VAL:HG23	5	0.1
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD11	19	0.1
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD12	19	0.1
(1,799)	1:91:A:LEU:H	1:91:A:LEU:HD13	19	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	4	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	4	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	11	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	11	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	13	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	13	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	15	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	15	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA2	20	0.1
(1,499)	1:80:A:LYS:H	1:79:A:GLY:HA3	20	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	4	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	4	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	11	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	11	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	13	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	13	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	15	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	15	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA2	20	0.1
(1,496)	1:80:A:LYS:H	1:79:A:GLY:HA3	20	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	2	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	4	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	6	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	8	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	11	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	18	0.1
(1,438)	1:60:A:GLU:H	1:60:A:GLU:HA	19	0.1
(1,405)	1:38:A:ASP:H	1:35:A:LEU:HA	19	0.1
(1,395)	1:97:A:PHE:H	1:96:A:TRP:HA	20	0.1
(1,374)	1:69:A:TRP:HH2	1:104:A:LEU:HA	1	0.1
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	10	0.1
(1,367)	1:90:A:GLN:H	1:90:A:GLN:HA	18	0.1
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	1	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	2	0.1
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	16	0.1
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	19	0.1
(1,360)	1:115:A:PHE:H	1:115:A:PHE:HA	20	0.1
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	1	0.1
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	5	0.1
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	9	0.1
(1,342)	1:168:A:MET:H	1:168:A:MET:HA	12	0.1
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	1	0.1
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	2	0.1
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	8	0.1
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	11	0.1
(1,330)	1:113:A:VAL:H	1:113:A:VAL:HA	12	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	2	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	4	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	5	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	8	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	10	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	14	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	15	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	17	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	18	0.1
(1,329)	1:132:A:VAL:H	1:132:A:VAL:HA	20	0.1
(1,311)	1:133:A:ILE:H	1:133:A:ILE:HA	11	0.1
(1,236)	1:49:A:LEU:HB2	1:6:A:PHE:HZ	12	0.1
(1,236)	1:49:A:LEU:HB3	1:6:A:PHE:HZ	12	0.1
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	9	0.1
(1,90)	1:162:A:GLU:H	1:119:A:TRP:HZ2	10	0.1
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD1	15	0.1
(1,37)	1:54:A:PRO:HB2	1:13:A:TYR:HD2	15	0.1
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD1	15	0.1
(1,37)	1:54:A:PRO:HB3	1:13:A:TYR:HD2	15	0.1

10 Dihedral-angle violation analysis (i)

No dihedral-angle restraints found