Full wwPDB NMR Structure Validation Report

Mar 5, 2026 – 08:46 AM UTC

PDB ID	:	2AGA / pdb_00002aga
BMRB ID	:	6742
Title	:	De-ubiquitinating function of ataxin-3: insights from the solution structure of the Josephin domain
Authors	:	Mao, Y.; Senic-Matuglia, F.; Di Fiore, P.; Polo, S.; Hodsdon, M.E.; De Camilli, P.
Deposited on	:	2005-07-26

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 ⓘ symbol.

The types of validation reports are described at
http://www.wwpdb.org/validation/2017/FAQs#types.

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

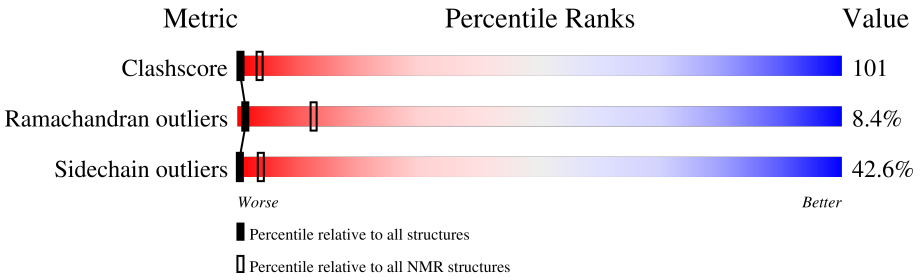
MolProbity	:	4-5-2 with Phenix2.0
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
wwPDB-RCI	:	v_1n_11_5_13_A (Berjanski et al., 2005)
PANAV	:	Wang et al. (2010)
wwPDB-ShiftChecker	:	v1.2
BMRB Restraints Analysis	:	v1.2
Ideal geometry (proteins)	:	Engh & Huber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

1 Overall quality at a glance (i)

The following experimental techniques were used to determine the structure:
SOLUTION NMR

The overall completeness of chemical shifts assignment is 86%.

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	190	10% 48% 33% • 8%

2 Ensemble composition and analysis (i)

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: *lowest energy*.

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:5-A:11, A:18-A:184 (174)	0.68	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 2 clusters and 1 single-model cluster was found.

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

3 Entry composition (i)

There is only 1 type of molecule in this entry. The entry contains 3017 atoms, of which 1484 are hydrogens and 0 are deuteriums.

- Molecule 1 is a protein called Machado-Joseph disease protein 1.

Mol	Chain	Residues	Atoms						Trace
			Total	C	H	N	O	S	
1	A	190	3017	974	1484	256	294	9	0

There are 5 discrepancies between the modelled and reference sequences:

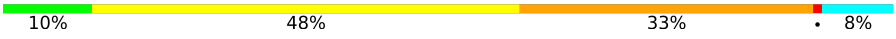
Chain	Residue	Modelled	Actual	Comment	Reference
A	1	GLY	-	cloning artifact	UNP P54252
A	2	PRO	-	cloning artifact	UNP P54252
A	3	LEU	-	cloning artifact	UNP P54252
A	4	GLY	-	cloning artifact	UNP P54252
A	5	SER	-	cloning artifact	UNP P54252

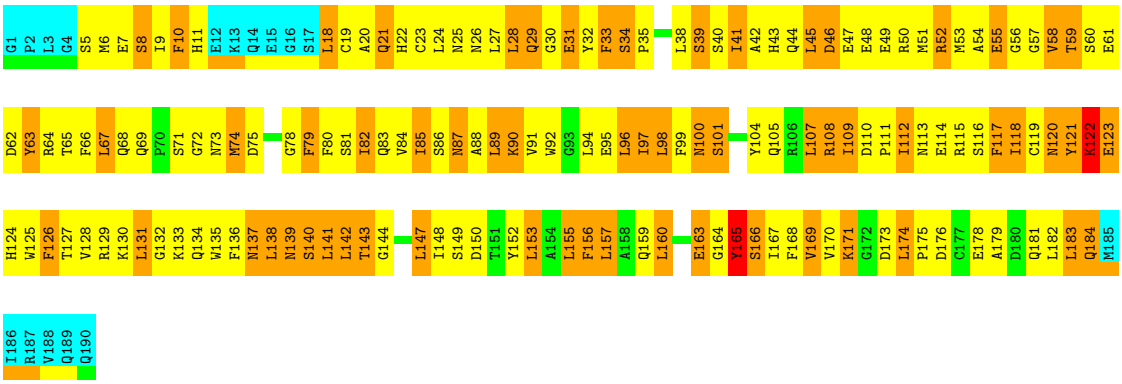
4 Residue-property plots (i)

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: Machado-Joseph disease protein 1

Chain A: 

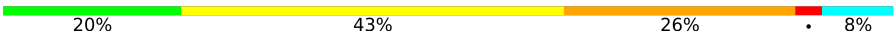


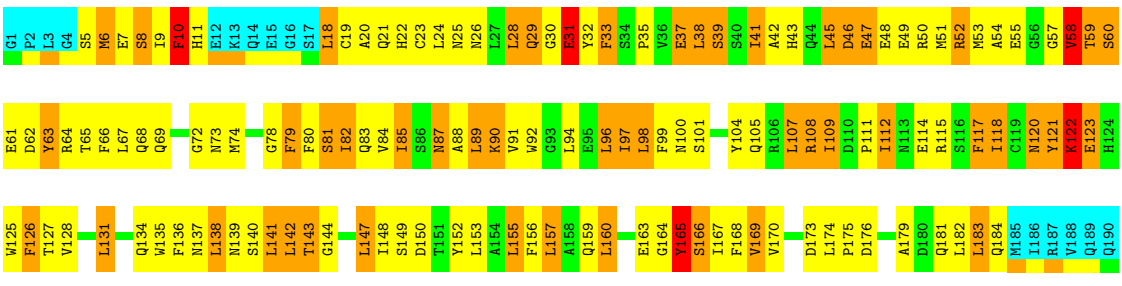
4.2 Scores per residue for each member of the ensemble

Colouring as in section 4.1 above.

4.2.1 Score per residue for model 1

• Molecule 1: Machado-Joseph disease protein 1

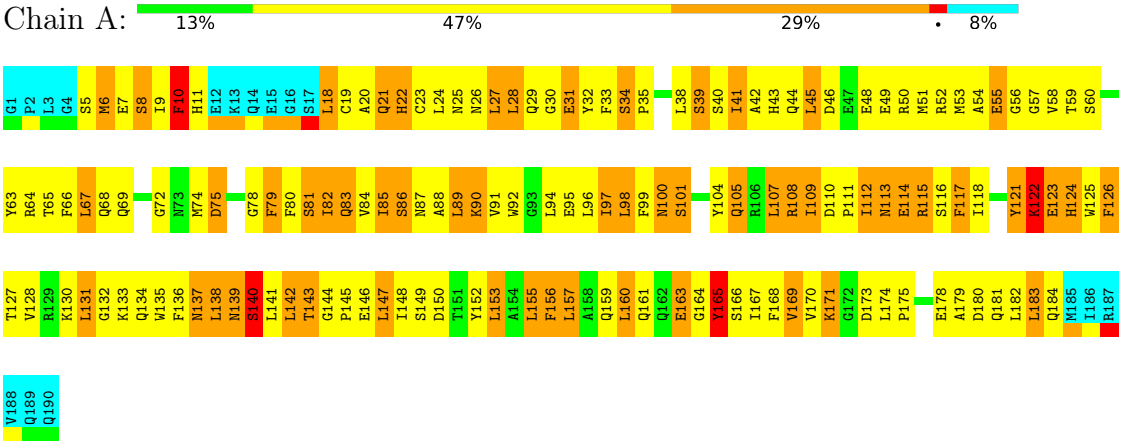
Chain A: 



4.2.2 Score per residue for model 2

• Molecule 1: Machado-Joseph disease protein 1

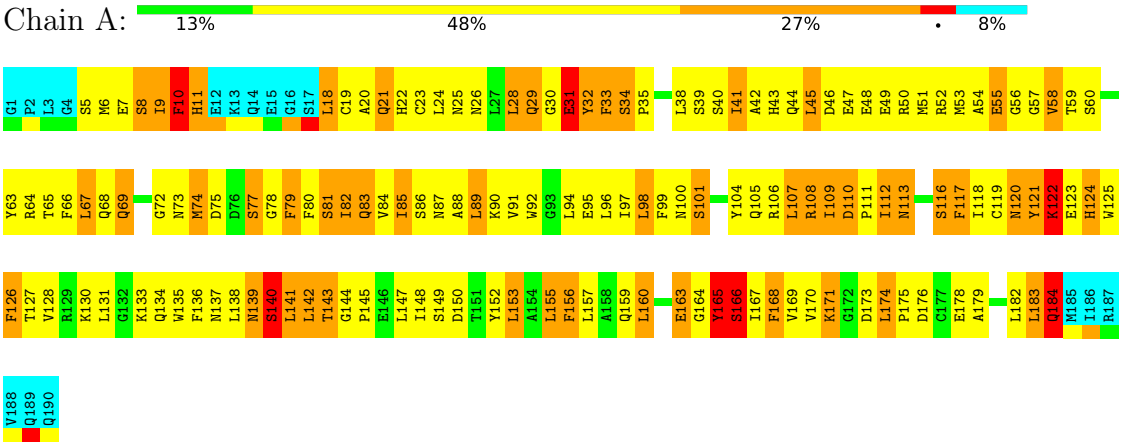
Chain A:



4.2.3 Score per residue for model 3

• Molecule 1: Machado-Joseph disease protein 1

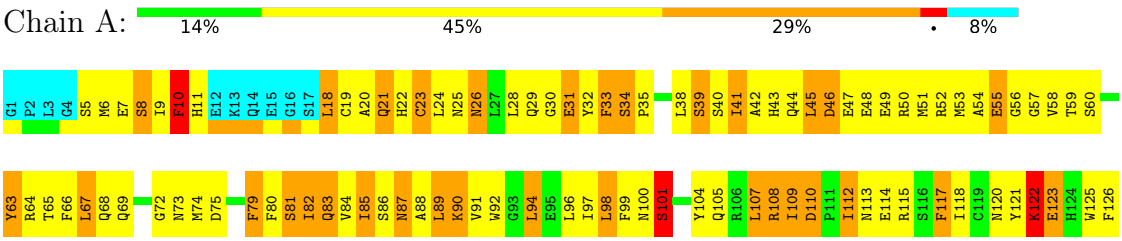
Chain A:

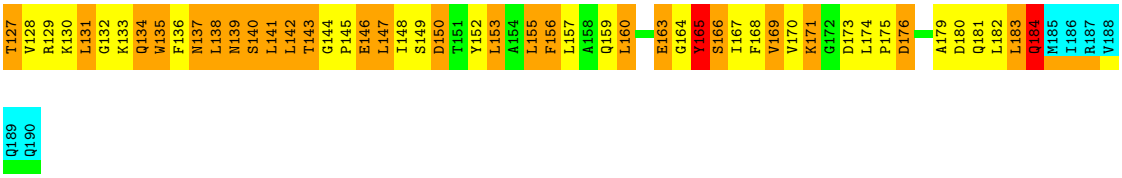


4.2.4 Score per residue for model 4 (medoid)

• Molecule 1: Machado-Joseph disease protein 1

Chain A:

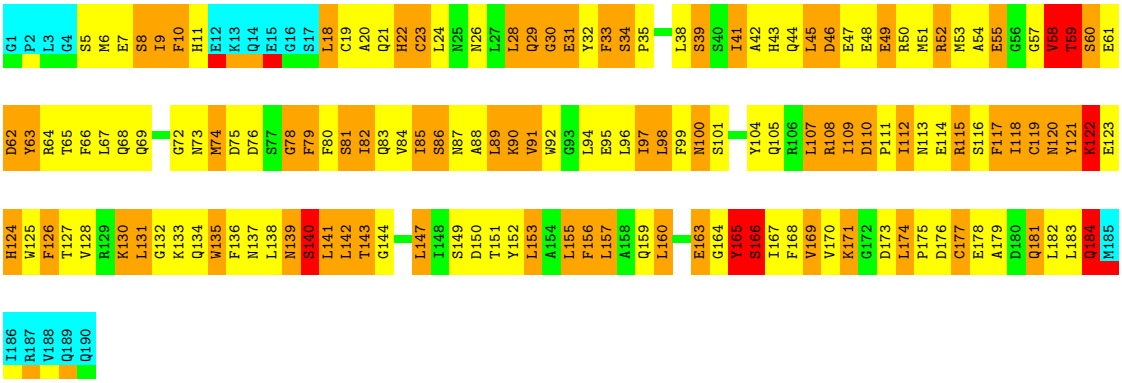




4.2.5 Score per residue for model 5

• Molecule 1: Machado-Joseph disease protein 1

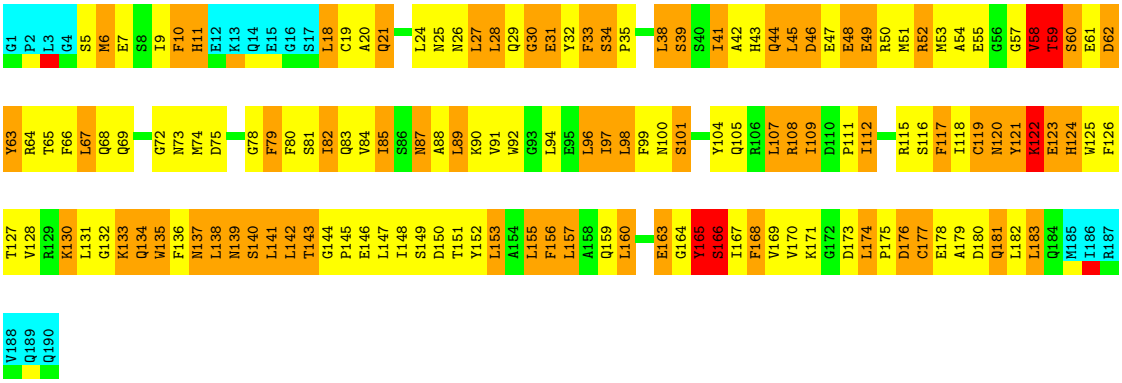
Chain A: 12% 41% 35% • 8%



4.2.6 Score per residue for model 6

• Molecule 1: Machado-Joseph disease protein 1

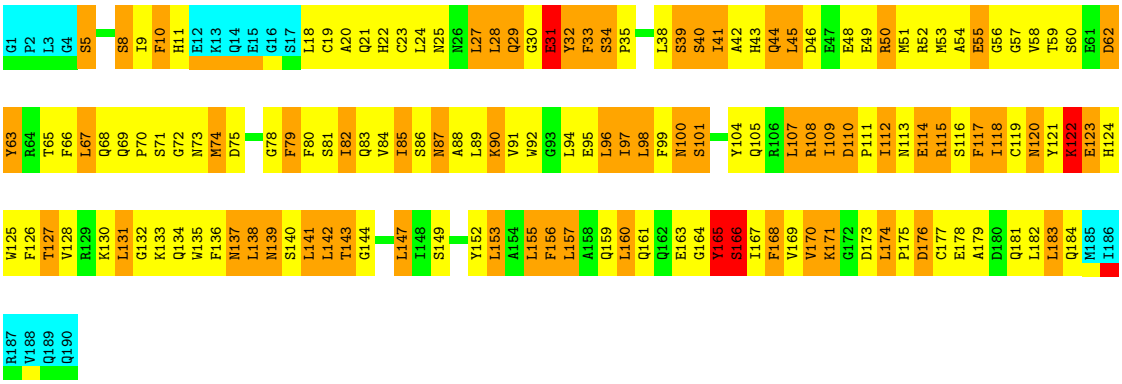
Chain A: 14% 40% 35% • 8%



4.2.7 Score per residue for model 7

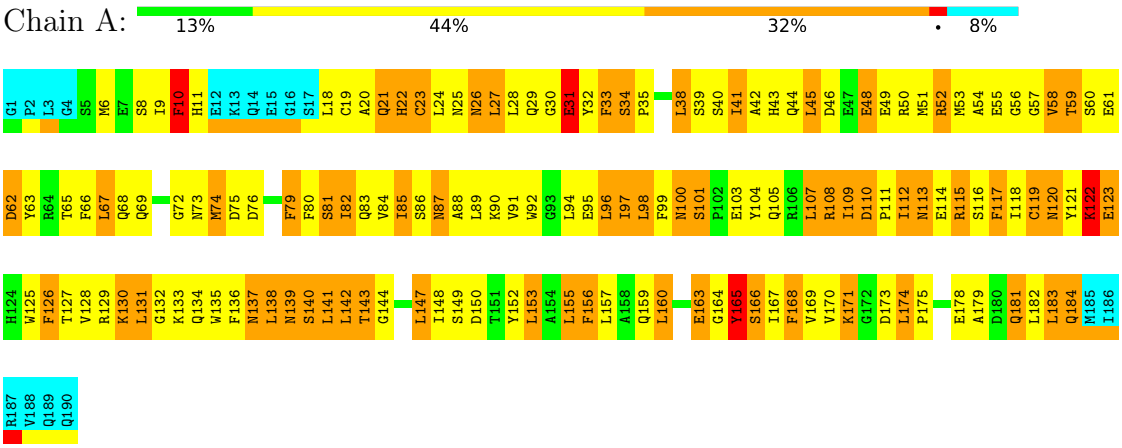
• Molecule 1: Machado-Joseph disease protein 1

Chain A: 13% 44% 32% • 8%



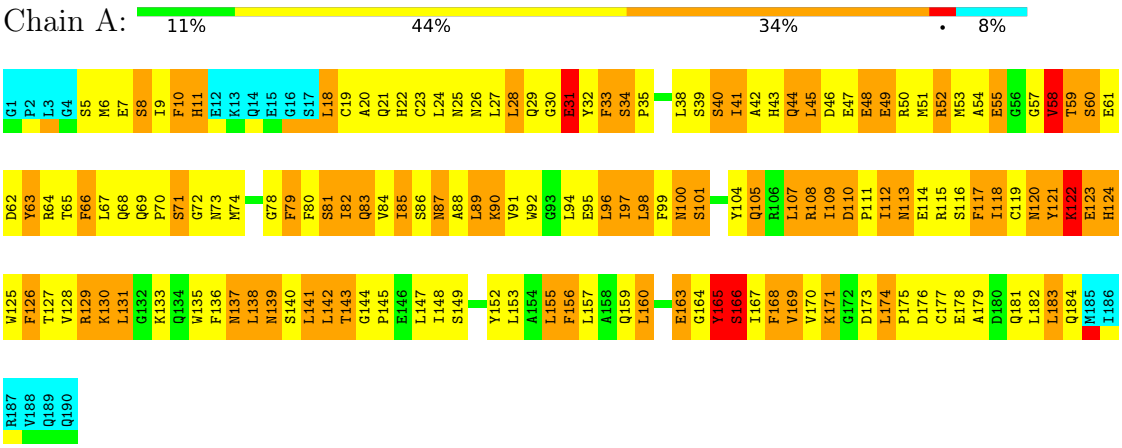
4.2.8 Score per residue for model 8

• Molecule 1: Machado-Joseph disease protein 1



4.2.9 Score per residue for model 9

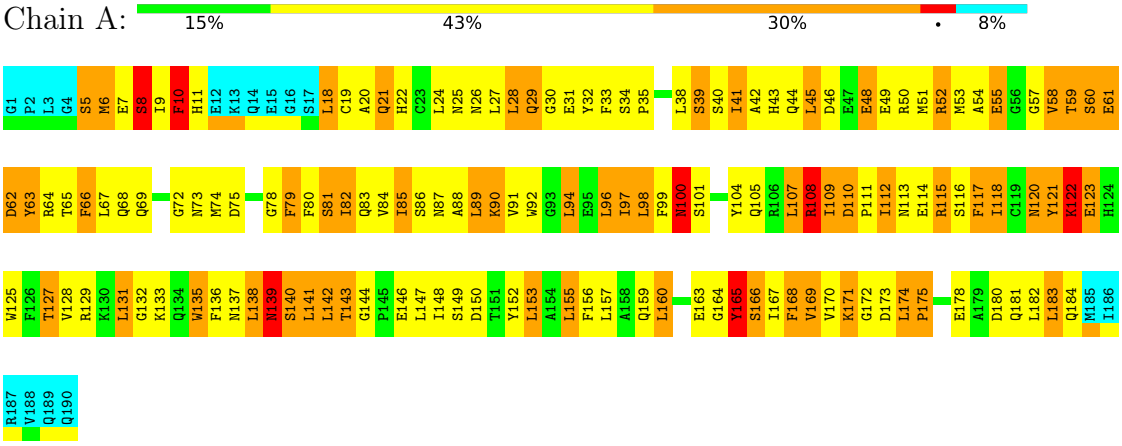
• Molecule 1: Machado-Joseph disease protein 1



4.2.10 Score per residue for model 10

• Molecule 1: Machado-Joseph disease protein 1

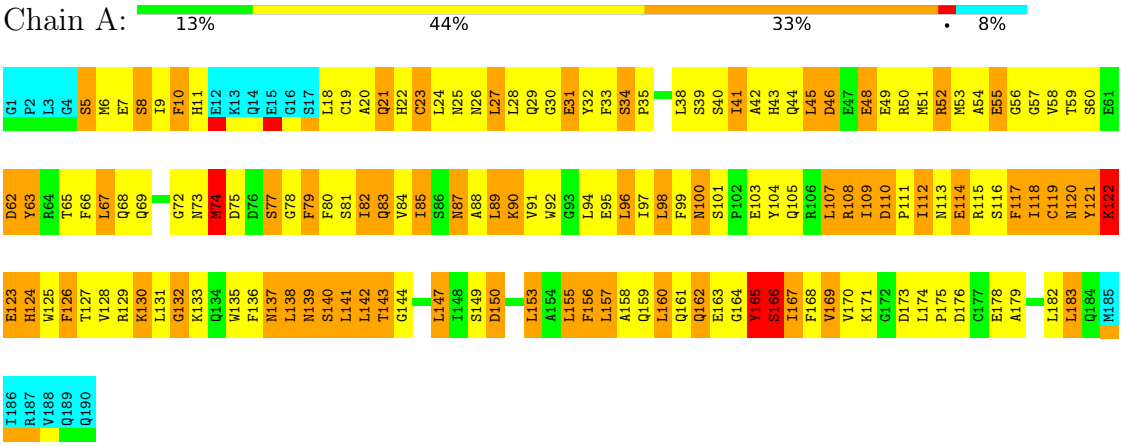
Chain A:



4.2.11 Score per residue for model 11

• Molecule 1: Machado-Joseph disease protein 1

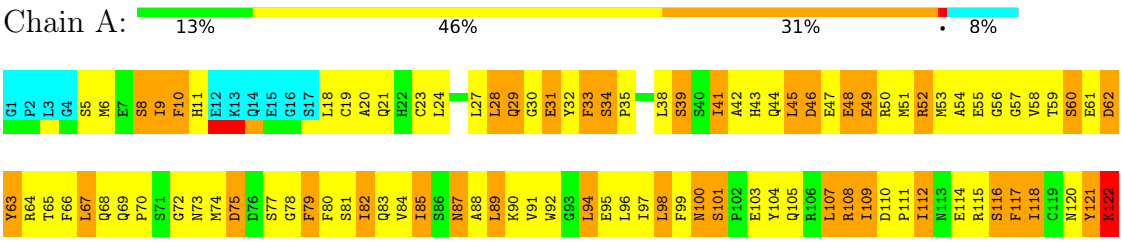
Chain A:



4.2.12 Score per residue for model 12

• Molecule 1: Machado-Joseph disease protein 1

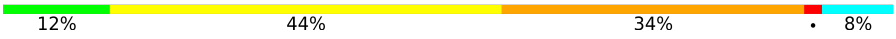
Chain A:

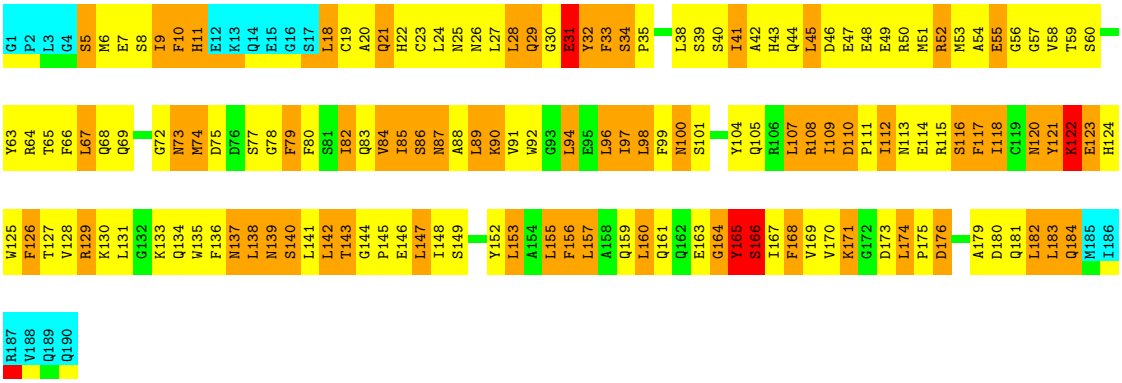


4.2.13 Score per residue for model 13

• Molecule 1: Machado-Joseph disease protein 1

Chain A:

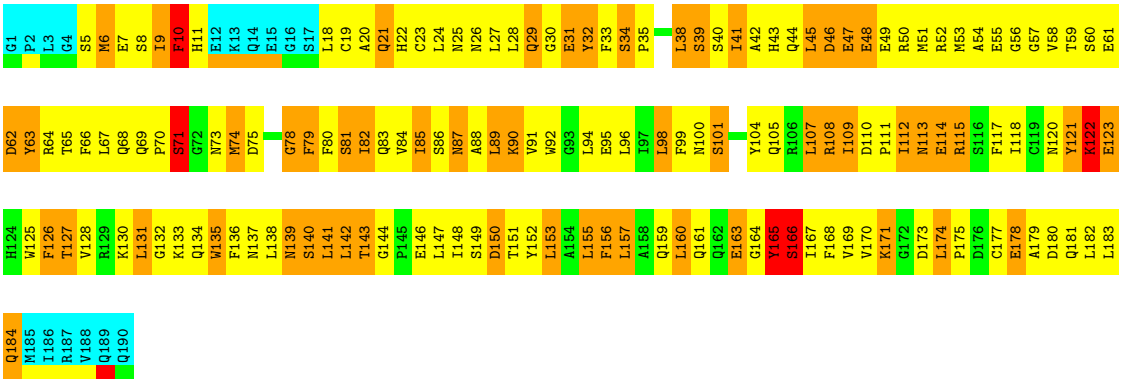




4.2.14 Score per residue for model 14

• Molecule 1: Machado-Joseph disease protein 1

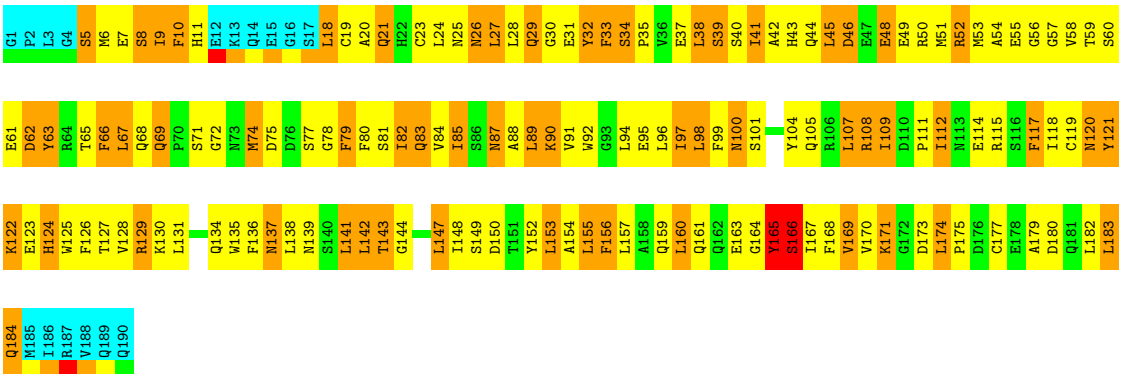
Chain A:



4.2.15 Score per residue for model 15

• Molecule 1: Machado-Joseph disease protein 1

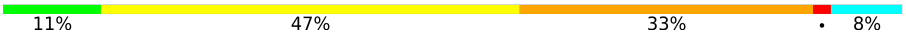
Chain A:

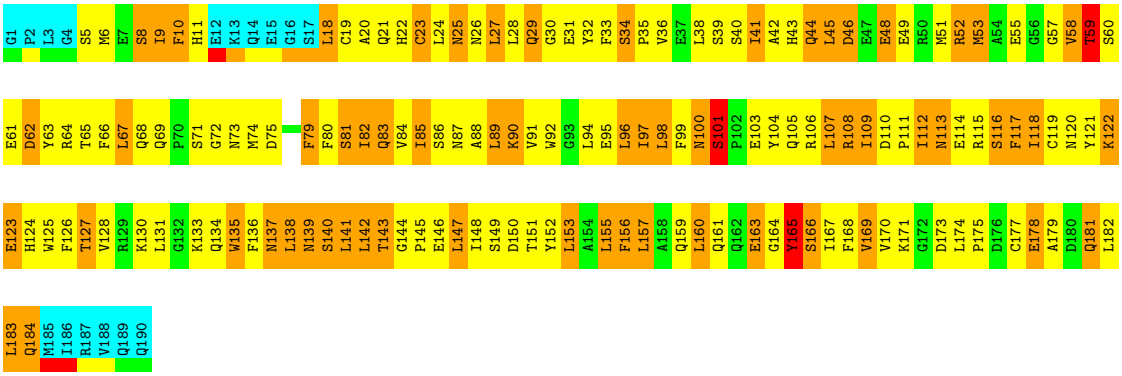


4.2.16 Score per residue for model 16

• Molecule 1: Machado-Joseph disease protein 1

Chain A:

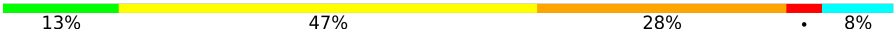


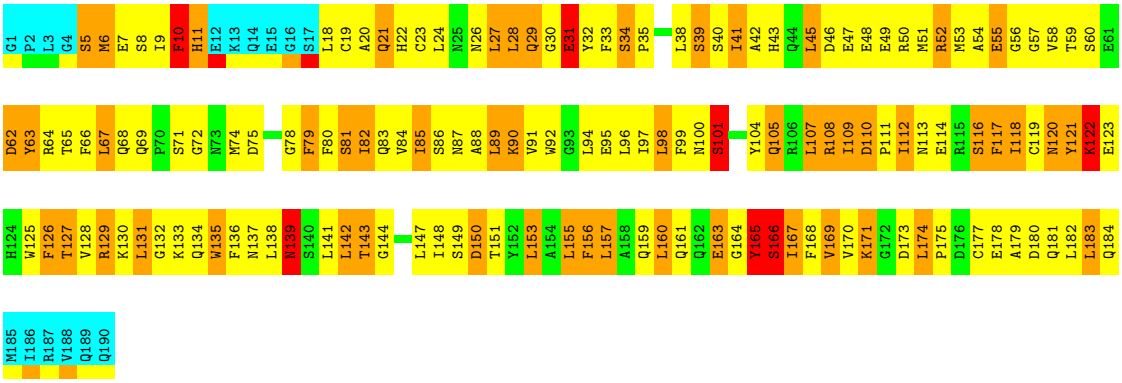


4.2.17 Score per residue for model 17

• Molecule 1: Machado-Joseph disease protein 1

Chain A:

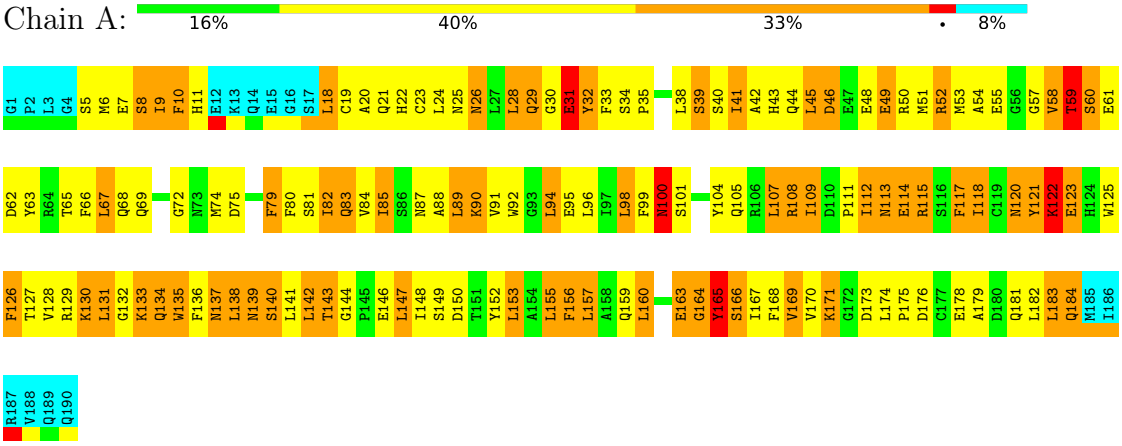




4.2.18 Score per residue for model 18

• Molecule 1: Machado-Joseph disease protein 1

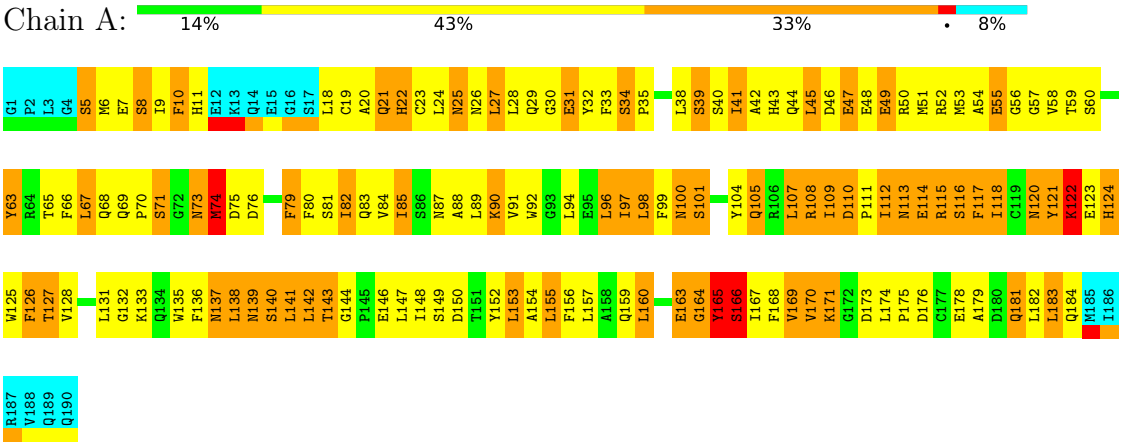
Chain A:



4.2.19 Score per residue for model 19

• Molecule 1: Machado-Joseph disease protein 1

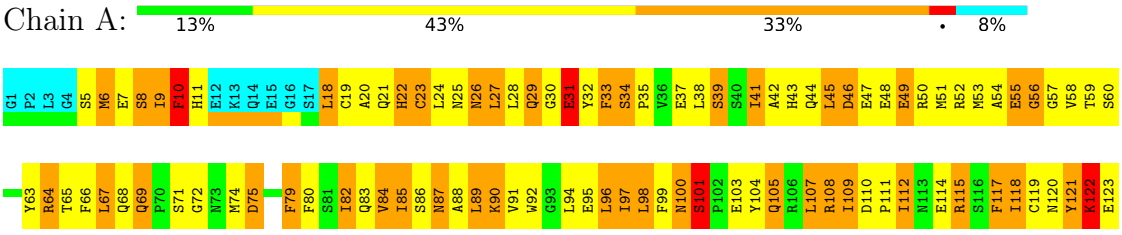
Chain A:



4.2.20 Score per residue for model 20

• Molecule 1: Machado-Joseph disease protein 1

Chain A:



H124
W125
F126
T127
V128
R129
K130
L131
G132
K133
Q134
W135
F136
N137
L138
N139
S140
L141
L142
T143
G144
L147
I148
S149
D150
T151
Y152
L153
A154
L155
F156
L157
A158
Q159
L160
E163
G164
Y165
S166
I167
F168
V169
V170
K171
G172
D173
L174
P175
D176
C177
E178
A179
L182
L183
Q184
M185
I186
R187
V188
Q189
Q190

5 Refinement protocol and experimental data overview

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

Of the 50 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	1.0.5
CYANA	refinement	1.0.5

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	2232
Number of shifts mapped to atoms	2232
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Assignment completeness (well-defined parts)	86%

6 Model quality

6.1 Standard geometry

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	0.69±0.00	0±0/1445 (0.0± 0.0%)	1.08±0.01	0±0/1957 (0.0± 0.0%)
All	All	0.69	0/28900 (0.0%)	1.08	1/39140 (0.0%)

There are no bond-length outliers.

All unique angle outliers are listed below.

Mol	Chain	Res	Type	Atoms	Z	Observed(^{o})	Ideal(^{o})	Models	
								Worst	Total
1	A	32	TYR	N-CA-CB	-5.19	106.02	113.65	7	1

There are no chirality outliers.

There are no planarity outliers.

6.2 Too-close contacts

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	1412	1361	1361	280±18
All	All	28240	27220	27220	5590

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 101.

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

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:82:ILE:HG21	1:A:168:PHE:CE2	1.09	1.83	10	20

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:117:PHE:CE2	1:A:128:VAL:HG21	1.06	1.85	5	10
1:A:160:LEU:HD11	1:A:167:ILE:HD11	1.05	1.25	17	3
1:A:45:LEU:HD22	1:A:45:LEU:C	1.05	1.75	16	2
1:A:9:ILE:HD13	1:A:131:LEU:HD21	1.03	1.29	9	1
1:A:131:LEU:HD12	1:A:179:ALA:HB1	1.03	1.20	1	2
1:A:117:PHE:CE1	1:A:169:VAL:HG23	1.02	1.89	15	7
1:A:82:ILE:HG21	1:A:168:PHE:CZ	1.01	1.90	15	20
1:A:53:MET:C	1:A:58:VAL:HG13	0.95	1.86	18	1
1:A:45:LEU:HD22	1:A:45:LEU:O	0.93	1.64	16	2
1:A:53:MET:O	1:A:58:VAL:HG13	0.93	1.62	18	1
1:A:160:LEU:HD13	1:A:161:GLN:N	0.92	1.79	11	2
1:A:160:LEU:HD11	1:A:167:ILE:CD1	0.92	1.94	11	14
1:A:131:LEU:HD11	1:A:179:ALA:HB1	0.92	1.42	7	3
1:A:81:SER:O	1:A:84:VAL:HG22	0.92	1.65	11	18
1:A:94:LEU:HD22	1:A:173:ASP:O	0.92	1.65	20	15
1:A:126:PHE:CZ	1:A:141:LEU:HD22	0.92	2.00	15	6
1:A:42:ALA:HB2	1:A:84:VAL:HG12	0.91	1.39	7	17
1:A:155:LEU:O	1:A:155:LEU:HD22	0.90	1.64	5	20
1:A:42:ALA:HA	1:A:45:LEU:HD23	0.90	1.41	5	14
1:A:157:LEU:O	1:A:160:LEU:CD1	0.88	2.22	11	2
1:A:183:LEU:HD13	1:A:184:GLN:N	0.88	1.84	7	3
1:A:157:LEU:HA	1:A:160:LEU:HD12	0.88	1.43	17	2
1:A:89:LEU:C	1:A:94:LEU:O	0.87	2.17	10	20
1:A:6:MET:HE3	1:A:136:PHE:CE2	0.87	2.03	5	11
1:A:136:PHE:CZ	1:A:147:LEU:HD12	0.87	2.05	15	2
1:A:115:ARG:CZ	1:A:174:LEU:HD12	0.87	2.00	1	2
1:A:87:ASN:O	1:A:91:VAL:HG13	0.87	1.69	8	19
1:A:45:LEU:HD12	1:A:49:GLU:HG3	0.86	1.46	13	3
1:A:160:LEU:HD11	1:A:167:ILE:CG1	0.86	2.01	2	18
1:A:18:LEU:HD12	1:A:19:CYS:N	0.85	1.86	9	14
1:A:9:ILE:CD1	1:A:131:LEU:HD21	0.85	2.00	9	1
1:A:21:GLN:HB3	1:A:38:LEU:HD22	0.85	1.46	2	1
1:A:183:LEU:C	1:A:183:LEU:HD12	0.85	1.97	3	7
1:A:117:PHE:CE1	1:A:169:VAL:HG12	0.85	2.06	12	1
1:A:58:VAL:HG23	1:A:62:ASP:HB3	0.85	1.49	12	7
1:A:20:ALA:CB	1:A:125:TRP:CZ2	0.84	2.60	9	20
1:A:74:MET:HE2	1:A:75:ASP:O	0.84	1.72	14	3
1:A:42:ALA:HA	1:A:45:LEU:HD12	0.84	1.47	9	2
1:A:94:LEU:HD12	1:A:170:VAL:HG23	0.84	1.50	7	2
1:A:94:LEU:HD12	1:A:94:LEU:H	0.84	1.31	10	5
1:A:33:PHE:CZ	1:A:88:ALA:HB1	0.83	2.08	11	5

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:45:LEU:HD12	1:A:49:GLU:CG	0.82	2.04	13	2
1:A:63:TYR:O	1:A:67:LEU:HD23	0.82	1.74	15	1
1:A:131:LEU:HD12	1:A:179:ALA:CB	0.82	2.03	1	1
1:A:21:GLN:OE1	1:A:24:LEU:HD23	0.82	1.74	12	3
1:A:45:LEU:C	1:A:45:LEU:CD2	0.82	2.53	16	2
1:A:24:LEU:HD13	1:A:85:ILE:HG23	0.82	1.49	17	9
1:A:18:LEU:C	1:A:18:LEU:HD12	0.82	2.00	10	2
1:A:38:LEU:HD23	1:A:80:PHE:CD2	0.82	2.10	2	5
1:A:98:LEU:HD13	1:A:167:ILE:O	0.81	1.75	11	12
1:A:183:LEU:HD13	1:A:183:LEU:C	0.81	2.00	7	6
1:A:89:LEU:HB3	1:A:94:LEU:HD13	0.81	1.50	12	5
1:A:9:ILE:O	1:A:10:PHE:HB3	0.81	1.73	12	10
1:A:82:ILE:HD11	1:A:118:ILE:HD12	0.81	1.52	19	17
1:A:6:MET:HE3	1:A:136:PHE:CZ	0.81	2.10	5	3
1:A:155:LEU:HD13	1:A:156:PHE:N	0.81	1.89	7	20
1:A:85:ILE:HD13	1:A:125:TRP:CH2	0.80	2.12	13	19
1:A:131:LEU:HD12	1:A:136:PHE:HB2	0.80	1.51	3	3
1:A:157:LEU:O	1:A:160:LEU:HD13	0.80	1.74	17	2
1:A:24:LEU:HD22	1:A:85:ILE:HG13	0.80	1.53	18	16
1:A:96:LEU:HD11	1:A:168:PHE:CB	0.80	2.05	5	7
1:A:131:LEU:HD13	1:A:131:LEU:O	0.80	1.76	17	2
1:A:24:LEU:HD22	1:A:85:ILE:HD13	0.79	1.52	17	1
1:A:89:LEU:HD13	1:A:94:LEU:HD11	0.79	1.52	15	9
1:A:137:ASN:OD1	1:A:148:ILE:HD11	0.79	1.77	18	7
1:A:45:LEU:HD13	1:A:46:ASP:N	0.79	1.93	9	2
1:A:58:VAL:O	1:A:59:THR:HG22	0.79	1.78	17	12
1:A:131:LEU:HD13	1:A:131:LEU:C	0.79	2.02	18	3
1:A:58:VAL:HG21	1:A:63:TYR:CD1	0.79	2.13	2	12
1:A:96:LEU:HD11	1:A:168:PHE:HB3	0.79	1.53	5	7
1:A:73:ASN:O	1:A:74:MET:CB	0.79	2.29	7	1
1:A:99:PHE:HB2	1:A:169:VAL:HG13	0.78	1.54	7	5
1:A:73:ASN:O	1:A:74:MET:HB3	0.78	1.75	7	2
1:A:118:ILE:HD13	1:A:127:THR:HG23	0.78	1.53	19	3
1:A:74:MET:O	1:A:79:PHE:CZ	0.78	2.37	3	1
1:A:28:LEU:HD23	1:A:92:TRP:CE2	0.78	2.14	17	12
1:A:136:PHE:HB3	1:A:147:LEU:HD23	0.77	1.54	10	1
1:A:21:GLN:HB2	1:A:38:LEU:HD22	0.77	1.57	14	6
1:A:33:PHE:CE2	1:A:38:LEU:HD13	0.77	2.13	14	1
1:A:42:ALA:HB2	1:A:84:VAL:CG1	0.77	2.09	9	18
1:A:24:LEU:HD11	1:A:85:ILE:HG13	0.77	1.54	15	1
1:A:174:LEU:HD13	1:A:175:PRO:HD2	0.76	1.56	6	11

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:112:ILE:O	1:A:113:ASN:C	0.76	2.28	18	3
1:A:21:GLN:HB2	1:A:38:LEU:HD11	0.76	1.57	10	1
1:A:89:LEU:HD13	1:A:94:LEU:CD1	0.76	2.11	9	10
1:A:142:LEU:HD23	1:A:144:GLY:O	0.76	1.80	10	17
1:A:11:HIS:CE1	1:A:30:GLY:N	0.76	2.54	6	3
1:A:107:LEU:O	1:A:108:ARG:CB	0.76	2.34	1	20
1:A:74:MET:CE	1:A:80:PHE:CD1	0.76	2.69	19	2
1:A:180:ASP:O	1:A:183:LEU:HD22	0.75	1.81	12	3
1:A:131:LEU:HD12	1:A:136:PHE:CB	0.75	2.10	3	3
1:A:5:SER:O	1:A:182:LEU:HD13	0.75	1.81	7	8
1:A:132:GLY:O	1:A:183:LEU:HD12	0.75	1.80	5	1
1:A:27:LEU:HD12	1:A:129:ARG:CD	0.75	2.11	9	1
1:A:8:SER:O	1:A:182:LEU:HD11	0.75	1.81	16	17
1:A:41:ILE:HG22	1:A:84:VAL:CG2	0.75	2.12	13	2
1:A:33:PHE:CE2	1:A:88:ALA:HB1	0.74	2.17	13	14
1:A:45:LEU:HD22	1:A:87:ASN:OD1	0.74	1.82	8	3
1:A:94:LEU:HD12	1:A:170:VAL:CG2	0.74	2.11	7	2
1:A:45:LEU:HD12	1:A:49:GLU:CD	0.74	2.07	13	1
1:A:85:ILE:HD13	1:A:125:TRP:CZ2	0.74	2.17	13	19
1:A:6:MET:HA	1:A:9:ILE:HD12	0.74	1.59	3	17
1:A:100:ASN:O	1:A:101:SER:C	0.74	2.30	8	20
1:A:164:GLY:O	1:A:165:TYR:CD1	0.74	2.40	10	20
1:A:107:LEU:O	1:A:108:ARG:HG2	0.74	1.83	1	1
1:A:58:VAL:HG23	1:A:62:ASP:CB	0.74	2.12	7	7
1:A:82:ILE:CG2	1:A:168:PHE:CE2	0.73	2.71	15	20
1:A:100:ASN:HD21	1:A:166:SER:N	0.73	1.81	14	9
1:A:94:LEU:HD12	1:A:170:VAL:HG12	0.73	1.58	11	9
1:A:79:PHE:CD1	1:A:79:PHE:C	0.73	2.66	14	16
1:A:41:ILE:CG2	1:A:84:VAL:HG22	0.73	2.13	20	2
1:A:160:LEU:C	1:A:160:LEU:HD22	0.73	2.09	17	2
1:A:30:GLY:HA3	1:A:32:TYR:CZ	0.73	2.19	14	17
1:A:131:LEU:CD2	1:A:179:ALA:HB1	0.73	2.14	6	7
1:A:98:LEU:HD23	1:A:100:ASN:HB2	0.73	1.58	16	6
1:A:43:HIS:NE2	1:A:74:MET:SD	0.73	2.61	11	15
1:A:94:LEU:HD12	1:A:94:LEU:N	0.73	1.99	10	5
1:A:160:LEU:HD11	1:A:167:ILE:HG13	0.72	1.60	2	15
1:A:9:ILE:HD13	1:A:131:LEU:CD2	0.72	2.13	9	1
1:A:131:LEU:CD1	1:A:179:ALA:HB1	0.72	2.14	20	8
1:A:58:VAL:O	1:A:60:SER:N	0.72	2.23	10	8
1:A:24:LEU:HD11	1:A:89:LEU:HD21	0.72	1.61	20	9
1:A:63:TYR:CD2	1:A:67:LEU:HD11	0.72	2.20	18	10

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:9:ILE:O	1:A:10:PHE:CD1	0.71	2.43	18	7
1:A:117:PHE:CZ	1:A:157:LEU:HD11	0.71	2.20	6	5
1:A:31:GLU:O	1:A:32:TYR:CB	0.71	2.38	14	7
1:A:30:GLY:O	1:A:32:TYR:CE1	0.71	2.43	6	2
1:A:24:LEU:HD23	1:A:33:PHE:CZ	0.71	2.20	14	1
1:A:107:LEU:O	1:A:108:ARG:CG	0.71	2.39	1	20
1:A:30:GLY:O	1:A:32:TYR:CD1	0.71	2.43	14	2
1:A:111:PRO:CB	1:A:157:LEU:HD23	0.71	2.15	11	9
1:A:74:MET:HE3	1:A:80:PHE:CD1	0.71	2.20	3	1
1:A:136:PHE:CE1	1:A:147:LEU:HD13	0.71	2.19	17	1
1:A:53:MET:HE2	1:A:58:VAL:HG21	0.71	1.61	15	2
1:A:100:ASN:OD1	1:A:165:TYR:CE2	0.71	2.44	7	4
1:A:89:LEU:HD12	1:A:170:VAL:HG13	0.71	1.62	12	12
1:A:155:LEU:HD22	1:A:155:LEU:C	0.71	2.10	5	20
1:A:30:GLY:HA3	1:A:32:TYR:CE2	0.70	2.21	12	15
1:A:31:GLU:O	1:A:32:TYR:HB2	0.70	1.86	14	2
1:A:81:SER:O	1:A:84:VAL:HG13	0.70	1.86	7	8
1:A:111:PRO:HB3	1:A:157:LEU:HD12	0.70	1.61	10	5
1:A:58:VAL:HG21	1:A:63:TYR:HD1	0.70	1.47	12	12
1:A:183:LEU:HD12	1:A:184:GLN:HG3	0.70	1.63	16	2
1:A:99:PHE:CD2	1:A:117:PHE:CZ	0.70	2.79	20	1
1:A:45:LEU:O	1:A:49:GLU:CB	0.70	2.40	18	17
1:A:74:MET:O	1:A:79:PHE:CE1	0.70	2.45	3	3
1:A:117:PHE:CE2	1:A:128:VAL:CG2	0.69	2.73	5	10
1:A:153:LEU:O	1:A:153:LEU:HD22	0.69	1.87	18	10
1:A:131:LEU:HD11	1:A:179:ALA:CB	0.69	2.17	8	2
1:A:114:GLU:HG2	1:A:169:VAL:HG22	0.69	1.65	4	3
1:A:160:LEU:HD11	1:A:167:ILE:HG12	0.69	1.63	10	8
1:A:74:MET:HG3	1:A:75:ASP:N	0.69	2.02	3	1
1:A:35:PRO:O	1:A:80:PHE:CZ	0.69	2.45	19	19
1:A:98:LEU:CD2	1:A:168:PHE:CD2	0.69	2.75	13	11
1:A:142:LEU:H	1:A:142:LEU:HD22	0.69	1.47	10	20
1:A:174:LEU:HD22	1:A:175:PRO:HD2	0.69	1.64	12	9
1:A:45:LEU:HD13	1:A:87:ASN:HD21	0.69	1.46	15	6
1:A:94:LEU:CD2	1:A:174:LEU:HD23	0.69	2.17	13	2
1:A:69:GLN:CD	1:A:98:LEU:HD23	0.68	2.13	5	8
1:A:130:LYS:CD	1:A:135:TRP:CE3	0.68	2.76	7	1
1:A:27:LEU:HD12	1:A:129:ARG:HD2	0.68	1.64	9	1
1:A:85:ILE:CG2	1:A:89:LEU:HD22	0.68	2.19	13	3
1:A:131:LEU:HB2	1:A:136:PHE:CD1	0.68	2.22	10	7
1:A:49:GLU:CD	1:A:66:PHE:CE2	0.68	2.71	16	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:74:MET:CE	1:A:80:PHE:CE1	0.68	2.77	19	2
1:A:18:LEU:HD23	1:A:21:GLN:OE1	0.68	1.88	2	1
1:A:28:LEU:HG	1:A:92:TRP:CE3	0.68	2.24	13	12
1:A:121:TYR:CD1	1:A:121:TYR:C	0.68	2.70	14	19
1:A:85:ILE:HG22	1:A:89:LEU:HD22	0.68	1.64	13	5
1:A:21:GLN:HB2	1:A:38:LEU:HD12	0.68	1.64	3	3
1:A:28:LEU:HD13	1:A:92:TRP:CE2	0.68	2.24	15	8
1:A:44:GLN:O	1:A:48:GLU:N	0.68	2.23	2	10
1:A:73:ASN:O	1:A:74:MET:HG3	0.68	1.88	19	3
1:A:89:LEU:HD13	1:A:94:LEU:CD2	0.67	2.19	12	4
1:A:131:LEU:HD12	1:A:136:PHE:CZ	0.67	2.24	17	2
1:A:100:ASN:OD1	1:A:165:TYR:CD2	0.67	2.47	7	4
1:A:21:GLN:HE21	1:A:24:LEU:HD23	0.67	1.49	13	1
1:A:31:GLU:O	1:A:32:TYR:CD2	0.67	2.47	14	1
1:A:18:LEU:HD12	1:A:19:CYS:SG	0.67	2.30	1	3
1:A:89:LEU:CD1	1:A:170:VAL:HG13	0.67	2.20	20	10
1:A:157:LEU:CA	1:A:160:LEU:HD12	0.67	2.19	17	2
1:A:45:LEU:HD11	1:A:83:GLN:HB3	0.67	1.65	16	1
1:A:174:LEU:HD13	1:A:175:PRO:N	0.67	2.05	12	13
1:A:126:PHE:CD1	1:A:141:LEU:HD21	0.67	2.24	12	1
1:A:39:SER:O	1:A:43:HIS:CD2	0.67	2.48	19	16
1:A:132:GLY:O	1:A:183:LEU:HD23	0.67	1.88	6	1
1:A:21:GLN:NE2	1:A:38:LEU:HD13	0.67	2.05	7	1
1:A:9:ILE:O	1:A:10:PHE:CG	0.66	2.49	18	10
1:A:96:LEU:HD22	1:A:97:ILE:N	0.66	2.04	20	10
1:A:25:ASN:ND2	1:A:33:PHE:CE1	0.66	2.64	14	2
1:A:74:MET:HE2	1:A:80:PHE:CD1	0.66	2.24	19	1
1:A:28:LEU:HD23	1:A:92:TRP:CZ2	0.66	2.25	17	5
1:A:63:TYR:O	1:A:67:LEU:CD2	0.66	2.43	15	1
1:A:117:PHE:CE1	1:A:157:LEU:CD1	0.66	2.79	19	1
1:A:10:PHE:CD1	1:A:26:ASN:ND2	0.66	2.64	6	1
1:A:18:LEU:HG	1:A:19:CYS:N	0.66	2.05	4	7
1:A:75:ASP:CB	1:A:79:PHE:O	0.66	2.44	11	4
1:A:21:GLN:OE1	1:A:38:LEU:HD21	0.66	1.90	20	2
1:A:100:ASN:OD1	1:A:165:TYR:CD1	0.66	2.49	5	8
1:A:155:LEU:HD21	1:A:159:GLN:NE2	0.66	2.05	5	20
1:A:6:MET:HE2	1:A:145:PRO:O	0.66	1.91	13	5
1:A:112:ILE:O	1:A:135:TRP:CZ2	0.66	2.49	19	8
1:A:139:ASN:O	1:A:140:SER:CB	0.66	2.44	16	11
1:A:41:ILE:HG22	1:A:84:VAL:HG22	0.66	1.65	20	2
1:A:134:GLN:OE1	1:A:147:LEU:HD11	0.66	1.91	18	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:90:LYS:HA	1:A:94:LEU:O	0.65	1.91	5	19
1:A:111:PRO:HA	1:A:117:PHE:CZ	0.65	2.27	14	10
1:A:82:ILE:HD11	1:A:118:ILE:CD1	0.65	2.19	2	8
1:A:117:PHE:CD1	1:A:118:ILE:N	0.65	2.64	8	10
1:A:10:PHE:CE1	1:A:26:ASN:CG	0.65	2.75	6	1
1:A:87:ASN:O	1:A:90:LYS:HG3	0.65	1.92	13	13
1:A:98:LEU:HD11	1:A:100:ASN:ND2	0.65	2.06	11	3
1:A:111:PRO:HB3	1:A:157:LEU:HD23	0.65	1.66	11	5
1:A:99:PHE:O	1:A:100:ASN:C	0.65	2.40	2	20
1:A:107:LEU:O	1:A:108:ARG:HB3	0.65	1.91	19	13
1:A:20:ALA:HB1	1:A:125:TRP:CZ2	0.65	2.27	17	18
1:A:183:LEU:HD13	1:A:184:GLN:HB2	0.65	1.67	20	2
1:A:135:TRP:CH2	1:A:150:ASP:CA	0.65	2.80	17	6
1:A:45:LEU:HD21	1:A:83:GLN:HB3	0.65	1.66	6	3
1:A:136:PHE:CE2	1:A:147:LEU:HD12	0.65	2.27	6	1
1:A:49:GLU:OE1	1:A:66:PHE:CZ	0.65	2.50	11	3
1:A:39:SER:OG	1:A:74:MET:HE1	0.65	1.90	14	5
1:A:99:PHE:CE1	1:A:105:GLN:NE2	0.65	2.65	12	7
1:A:156:PHE:C	1:A:156:PHE:CD1	0.65	2.75	17	20
1:A:58:VAL:HG11	1:A:63:TYR:CD2	0.65	2.26	9	7
1:A:136:PHE:CZ	1:A:147:LEU:HD13	0.65	2.27	3	2
1:A:107:LEU:O	1:A:108:ARG:HB2	0.65	1.90	18	7
1:A:126:PHE:CD1	1:A:126:PHE:N	0.65	2.64	11	10
1:A:9:ILE:C	1:A:10:PHE:CG	0.65	2.72	3	2
1:A:74:MET:HE3	1:A:80:PHE:HD1	0.65	1.51	3	1
1:A:89:LEU:O	1:A:94:LEU:HD12	0.65	1.91	12	4
1:A:34:SER:CB	1:A:35:PRO:CD	0.65	2.75	14	16
1:A:104:TYR:C	1:A:109:ILE:HB	0.64	2.16	7	19
1:A:126:PHE:CZ	1:A:141:LEU:CD2	0.64	2.80	7	6
1:A:31:GLU:O	1:A:32:TYR:CD1	0.64	2.50	12	3
1:A:42:ALA:HB2	1:A:84:VAL:HG23	0.64	1.67	20	2
1:A:45:LEU:O	1:A:49:GLU:N	0.64	2.28	14	18
1:A:41:ILE:O	1:A:45:LEU:N	0.64	2.28	16	12
1:A:73:ASN:O	1:A:74:MET:O	0.64	2.14	5	3
1:A:100:ASN:OD1	1:A:165:TYR:CE1	0.64	2.51	18	7
1:A:10:PHE:CD1	1:A:26:ASN:CG	0.64	2.76	6	1
1:A:63:TYR:C	1:A:67:LEU:HD12	0.64	2.17	18	14
1:A:19:CYS:CB	1:A:80:PHE:CD2	0.64	2.81	3	2
1:A:38:LEU:HG	1:A:84:VAL:HG21	0.64	1.68	2	5
1:A:126:PHE:CD1	1:A:141:LEU:HD22	0.64	2.27	19	5
1:A:183:LEU:HD12	1:A:184:GLN:HB2	0.64	1.68	15	2

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:44:GLN:C	1:A:44:GLN:CD	0.64	2.65	9	3
1:A:58:VAL:HG21	1:A:63:TYR:CD2	0.64	2.28	17	6
1:A:33:PHE:HE2	1:A:38:LEU:HD13	0.64	1.53	14	1
1:A:58:VAL:C	1:A:60:SER:N	0.64	2.55	5	20
1:A:99:PHE:CE1	1:A:105:GLN:CD	0.64	2.76	12	3
1:A:126:PHE:CE2	1:A:141:LEU:CD2	0.64	2.80	7	5
1:A:141:LEU:O	1:A:141:LEU:HD12	0.64	1.92	6	5
1:A:136:PHE:HE1	1:A:147:LEU:HD13	0.63	1.53	17	1
1:A:117:PHE:O	1:A:128:VAL:N	0.63	2.30	14	20
1:A:118:ILE:CG2	1:A:125:TRP:CE3	0.63	2.81	19	20
1:A:18:LEU:HD21	1:A:35:PRO:HB3	0.63	1.70	2	1
1:A:73:ASN:O	1:A:74:MET:CG	0.63	2.46	14	3
1:A:70:PRO:O	1:A:71:SER:C	0.63	2.42	14	2
1:A:24:LEU:CD1	1:A:85:ILE:HG13	0.63	2.23	15	1
1:A:53:MET:SD	1:A:63:TYR:CE2	0.63	2.91	15	1
1:A:45:LEU:O	1:A:49:GLU:HB2	0.63	1.94	12	15
1:A:81:SER:O	1:A:84:VAL:CG2	0.63	2.45	19	18
1:A:28:LEU:O	1:A:29:GLN:CB	0.63	2.45	7	7
1:A:183:LEU:HD22	1:A:183:LEU:O	0.63	1.93	7	4
1:A:134:GLN:OE1	1:A:135:TRP:CZ3	0.63	2.51	14	3
1:A:58:VAL:O	1:A:59:THR:CG2	0.63	2.47	2	12
1:A:50:ARG:O	1:A:54:ALA:CB	0.63	2.46	12	19
1:A:52:ARG:O	1:A:56:GLY:N	0.63	2.32	19	13
1:A:100:ASN:ND2	1:A:165:TYR:CD1	0.63	2.66	4	1
1:A:160:LEU:HD13	1:A:161:GLN:H	0.63	1.53	17	2
1:A:9:ILE:O	1:A:10:PHE:CD2	0.63	2.52	14	3
1:A:114:GLU:CD	1:A:169:VAL:HG13	0.63	2.18	17	4
1:A:38:LEU:CB	1:A:80:PHE:CD2	0.63	2.81	11	1
1:A:160:LEU:CD1	1:A:167:ILE:HD11	0.63	2.18	11	2
1:A:9:ILE:O	1:A:10:PHE:CB	0.63	2.46	14	12
1:A:174:LEU:HD13	1:A:174:LEU:C	0.63	2.19	12	4
1:A:111:PRO:CB	1:A:157:LEU:HD12	0.63	2.24	8	3
1:A:121:TYR:O	1:A:123:GLU:N	0.63	2.32	19	16
1:A:20:ALA:HB1	1:A:125:TRP:CH2	0.63	2.28	19	11
1:A:117:PHE:CD2	1:A:128:VAL:HB	0.63	2.27	2	10
1:A:33:PHE:CZ	1:A:88:ALA:CB	0.63	2.82	11	3
1:A:136:PHE:CE2	1:A:138:LEU:HD23	0.62	2.29	10	1
1:A:117:PHE:CE1	1:A:169:VAL:CG2	0.62	2.82	11	4
1:A:123:GLU:O	1:A:124:HIS:CB	0.62	2.46	12	9
1:A:10:PHE:CG	1:A:26:ASN:OD1	0.62	2.52	6	1
1:A:57:GLY:C	1:A:59:THR:N	0.62	2.57	1	20

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:59:THR:O	1:A:61:GLU:N	0.62	2.30	10	8
1:A:101:SER:O	1:A:105:GLN:HG2	0.62	1.94	8	5
1:A:183:LEU:C	1:A:183:LEU:CD1	0.62	2.73	18	6
1:A:53:MET:O	1:A:58:VAL:N	0.62	2.32	12	16
1:A:99:PHE:N	1:A:167:ILE:O	0.62	2.32	16	10
1:A:135:TRP:N	1:A:135:TRP:CE3	0.62	2.68	4	2
1:A:99:PHE:CZ	1:A:105:GLN:OE1	0.62	2.52	12	3
1:A:21:GLN:HG3	1:A:38:LEU:HD22	0.62	1.70	13	1
1:A:11:HIS:CE1	1:A:29:GLN:O	0.62	2.53	16	1
1:A:96:LEU:HD13	1:A:170:VAL:HG22	0.62	1.70	4	6
1:A:10:PHE:CE2	1:A:11:HIS:O	0.62	2.53	16	4
1:A:104:TYR:O	1:A:109:ILE:HD13	0.62	1.94	16	3
1:A:83:GLN:O	1:A:87:ASN:ND2	0.62	2.33	15	11
1:A:168:PHE:N	1:A:168:PHE:CD1	0.62	2.67	7	19
1:A:21:GLN:CG	1:A:38:LEU:HD22	0.62	2.24	13	1
1:A:98:LEU:HD11	1:A:100:ASN:OD1	0.61	1.94	12	3
1:A:128:VAL:HG22	1:A:137:ASN:CG	0.61	2.19	9	7
1:A:94:LEU:CD1	1:A:170:VAL:CG2	0.61	2.78	19	2
1:A:104:TYR:HB3	1:A:109:ILE:HD12	0.61	1.70	12	1
1:A:41:ILE:CG2	1:A:84:VAL:CG2	0.61	2.77	13	2
1:A:143:THR:O	1:A:143:THR:HG23	0.61	1.95	7	20
1:A:24:LEU:CD1	1:A:85:ILE:HG23	0.61	2.24	20	3
1:A:111:PRO:HA	1:A:117:PHE:CE2	0.61	2.30	18	3
1:A:89:LEU:O	1:A:94:LEU:O	0.61	2.18	13	20
1:A:142:LEU:N	1:A:142:LEU:HD13	0.61	2.10	10	12
1:A:141:LEU:HG	1:A:142:LEU:HD13	0.61	1.70	12	9
1:A:112:ILE:O	1:A:135:TRP:CH2	0.61	2.52	15	5
1:A:126:PHE:CG	1:A:141:LEU:CD2	0.61	2.83	11	2
1:A:131:LEU:CD2	1:A:179:ALA:CB	0.61	2.79	13	6
1:A:89:LEU:CB	1:A:94:LEU:HD13	0.61	2.24	12	5
1:A:11:HIS:CE1	1:A:30:GLY:O	0.61	2.53	9	1
1:A:6:MET:HG3	1:A:9:ILE:HD12	0.61	1.72	11	2
1:A:57:GLY:C	1:A:59:THR:H	0.61	2.03	1	8
1:A:97:ILE:O	1:A:169:VAL:N	0.61	2.34	16	15
1:A:179:ALA:HA	1:A:182:LEU:HD12	0.61	1.73	12	7
1:A:183:LEU:HD23	1:A:184:GLN:HB2	0.61	1.70	5	1
1:A:49:GLU:OE2	1:A:66:PHE:CE1	0.61	2.53	11	4
1:A:112:ILE:HG22	1:A:153:LEU:HD23	0.61	1.73	9	1
1:A:155:LEU:HD13	1:A:155:LEU:C	0.61	2.21	10	17
1:A:45:LEU:HB2	1:A:87:ASN:CG	0.61	2.21	16	12
1:A:98:LEU:HD21	1:A:100:ASN:ND2	0.61	2.10	19	3

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:44:GLN:O	1:A:48:GLU:CB	0.61	2.49	16	8
1:A:57:GLY:C	1:A:58:VAL:CG1	0.60	2.74	6	7
1:A:18:LEU:HD23	1:A:19:CYS:H	0.60	1.56	3	5
1:A:94:LEU:HD22	1:A:170:VAL:HG12	0.60	1.71	13	1
1:A:35:PRO:O	1:A:80:PHE:CE1	0.60	2.54	19	2
1:A:117:PHE:CE1	1:A:157:LEU:HD13	0.60	2.30	19	1
1:A:164:GLY:O	1:A:165:TYR:CG	0.60	2.55	17	20
1:A:57:GLY:O	1:A:58:VAL:CG1	0.60	2.50	1	7
1:A:141:LEU:HD23	1:A:142:LEU:HD13	0.60	1.72	5	1
1:A:135:TRP:CH2	1:A:150:ASP:N	0.60	2.69	20	5
1:A:43:HIS:CD2	1:A:74:MET:SD	0.60	2.95	8	10
1:A:66:PHE:O	1:A:69:GLN:CG	0.60	2.50	15	15
1:A:10:PHE:CE1	1:A:178:GLU:OE2	0.60	2.53	7	1
1:A:21:GLN:HG3	1:A:33:PHE:CE2	0.60	2.31	14	1
1:A:116:SER:O	1:A:170:VAL:HG13	0.60	1.96	19	1
1:A:6:MET:HE3	1:A:136:PHE:HE2	0.60	1.54	13	8
1:A:100:ASN:OD1	1:A:165:TYR:CG	0.60	2.54	10	4
1:A:79:PHE:CE1	1:A:80:PHE:O	0.60	2.54	15	13
1:A:49:GLU:O	1:A:53:MET:CG	0.60	2.50	18	8
1:A:53:MET:C	1:A:58:VAL:CG1	0.60	2.72	18	1
1:A:6:MET:CA	1:A:9:ILE:HD12	0.60	2.27	10	13
1:A:174:LEU:HD13	1:A:175:PRO:CD	0.60	2.26	13	11
1:A:32:TYR:N	1:A:32:TYR:CD1	0.60	2.67	7	7
1:A:10:PHE:CD2	1:A:11:HIS:O	0.60	2.55	7	3
1:A:30:GLY:O	1:A:32:TYR:CG	0.60	2.55	14	2
1:A:131:LEU:CD1	1:A:179:ALA:CB	0.60	2.79	20	2
1:A:19:CYS:SG	1:A:78:GLY:C	0.60	2.85	14	9
1:A:112:ILE:HG22	1:A:135:TRP:NE1	0.60	2.12	10	9
1:A:58:VAL:HG22	1:A:63:TYR:N	0.60	2.12	16	2
1:A:126:PHE:CE2	1:A:141:LEU:HD22	0.60	2.31	15	1
1:A:164:GLY:O	1:A:165:TYR:CB	0.59	2.50	18	20
1:A:87:ASN:N	1:A:87:ASN:ND2	0.59	2.49	12	4
1:A:24:LEU:HD13	1:A:85:ILE:CG2	0.59	2.26	20	6
1:A:38:LEU:O	1:A:84:VAL:CG2	0.59	2.50	20	2
1:A:31:GLU:C	1:A:32:TYR:CG	0.59	2.77	1	10
1:A:112:ILE:HG22	1:A:153:LEU:HD12	0.59	1.75	4	3
1:A:126:PHE:CG	1:A:141:LEU:HD22	0.59	2.32	11	2
1:A:11:HIS:CG	1:A:26:ASN:OD1	0.59	2.56	9	1
1:A:28:LEU:O	1:A:29:GLN:CG	0.59	2.51	1	7
1:A:69:GLN:CB	1:A:83:GLN:NE2	0.59	2.66	15	1
1:A:20:ALA:HB3	1:A:125:TRP:CZ2	0.59	2.32	9	10

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:74:MET:CG	1:A:75:ASP:N	0.59	2.65	3	1
1:A:134:GLN:CB	1:A:136:PHE:CE1	0.59	2.85	14	5
1:A:30:GLY:C	1:A:31:GLU:CG	0.59	2.73	9	2
1:A:58:VAL:CG2	1:A:63:TYR:N	0.59	2.66	16	13
1:A:90:LYS:N	1:A:94:LEU:O	0.59	2.35	10	20
1:A:125:TRP:C	1:A:126:PHE:CD1	0.59	2.81	13	10
1:A:45:LEU:CB	1:A:87:ASN:CG	0.59	2.76	9	5
1:A:87:ASN:ND2	1:A:87:ASN:N	0.59	2.48	15	7
1:A:73:ASN:O	1:A:74:MET:HG2	0.59	1.98	7	3
1:A:27:LEU:HD12	1:A:129:ARG:HG3	0.59	1.73	13	1
1:A:82:ILE:HG12	1:A:125:TRP:CZ3	0.59	2.33	8	20
1:A:59:THR:O	1:A:59:THR:OG1	0.59	2.21	18	5
1:A:100:ASN:OD1	1:A:165:TYR:CZ	0.59	2.56	20	4
1:A:49:GLU:O	1:A:53:MET:HG3	0.59	1.98	12	2
1:A:135:TRP:C	1:A:136:PHE:CD1	0.58	2.81	3	6
1:A:53:MET:HE2	1:A:63:TYR:CD2	0.58	2.33	15	1
1:A:31:GLU:C	1:A:32:TYR:CD1	0.58	2.81	12	8
1:A:45:LEU:HD13	1:A:87:ASN:ND2	0.58	2.12	15	6
1:A:105:GLN:CD	1:A:109:ILE:HG22	0.58	2.23	16	2
1:A:94:LEU:CD1	1:A:170:VAL:HG12	0.58	2.28	11	1
1:A:101:SER:O	1:A:105:GLN:HG3	0.58	1.99	7	16
1:A:25:ASN:CG	1:A:33:PHE:CE1	0.58	2.81	2	1
1:A:90:LYS:CA	1:A:94:LEU:O	0.58	2.50	5	19
1:A:118:ILE:CG2	1:A:125:TRP:CZ3	0.58	2.87	19	19
1:A:99:PHE:O	1:A:105:GLN:NE2	0.58	2.35	20	10
1:A:28:LEU:HD13	1:A:92:TRP:CD2	0.58	2.34	8	5
1:A:11:HIS:CE1	1:A:29:GLN:C	0.58	2.81	12	2
1:A:46:ASP:O	1:A:50:ARG:CB	0.58	2.52	1	17
1:A:11:HIS:ND1	1:A:11:HIS:C	0.58	2.60	6	1
1:A:57:GLY:O	1:A:58:VAL:HG13	0.58	1.98	6	6
1:A:58:VAL:O	1:A:58:VAL:HG22	0.58	1.99	10	7
1:A:23:CYS:O	1:A:27:LEU:N	0.58	2.34	15	7
1:A:9:ILE:HD11	1:A:131:LEU:HD21	0.58	1.76	14	1
1:A:53:MET:CG	1:A:54:ALA:N	0.58	2.66	18	18
1:A:87:ASN:O	1:A:90:LYS:HG2	0.58	1.98	6	7
1:A:115:ARG:NH2	1:A:174:LEU:HD12	0.58	2.13	1	2
1:A:38:LEU:HB3	1:A:80:PHE:CD2	0.58	2.33	11	3
1:A:51:MET:O	1:A:55:GLU:CG	0.58	2.51	10	19
1:A:96:LEU:HD12	1:A:169:VAL:O	0.58	1.97	3	5
1:A:82:ILE:HG22	1:A:83:GLN:OE1	0.58	1.99	17	3
1:A:126:PHE:CD2	1:A:141:LEU:HD23	0.58	2.33	4	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:96:LEU:HD22	1:A:96:LEU:C	0.57	2.24	20	5
1:A:130:LYS:HG3	1:A:135:TRP:CE3	0.57	2.33	4	4
1:A:57:GLY:O	1:A:58:VAL:CG2	0.57	2.52	18	1
1:A:117:PHE:CE2	1:A:169:VAL:CG2	0.57	2.86	19	1
1:A:114:GLU:HG3	1:A:117:PHE:CD1	0.57	2.34	20	1
1:A:11:HIS:NE2	1:A:30:GLY:N	0.57	2.52	5	3
1:A:130:LYS:HD2	1:A:135:TRP:CE3	0.57	2.34	7	1
1:A:30:GLY:O	1:A:31:GLU:CG	0.57	2.52	9	1
1:A:38:LEU:CB	1:A:80:PHE:CD1	0.57	2.87	19	2
1:A:160:LEU:HD22	1:A:160:LEU:O	0.57	1.99	17	2
1:A:112:ILE:HG22	1:A:135:TRP:CD1	0.57	2.33	18	10
1:A:75:ASP:CB	1:A:79:PHE:CD2	0.57	2.88	17	6
1:A:99:PHE:CD1	1:A:105:GLN:NE2	0.57	2.72	12	2
1:A:98:LEU:CD1	1:A:100:ASN:CG	0.57	2.77	11	1
1:A:6:MET:CE	1:A:136:PHE:CE2	0.57	2.87	2	1
1:A:135:TRP:CH2	1:A:150:ASP:CB	0.57	2.88	17	4
1:A:115:ARG:C	1:A:115:ARG:CD	0.57	2.78	7	1
1:A:132:GLY:HA2	1:A:183:LEU:HD22	0.57	1.75	11	1
1:A:21:GLN:HG2	1:A:33:PHE:CZ	0.57	2.35	14	1
1:A:121:TYR:CE1	1:A:122:LYS:HE3	0.57	2.34	16	1
1:A:27:LEU:C	1:A:27:LEU:CD2	0.57	2.78	20	7
1:A:27:LEU:C	1:A:27:LEU:HD22	0.57	2.24	11	6
1:A:30:GLY:CA	1:A:32:TYR:CZ	0.57	2.88	5	6
1:A:11:HIS:NE2	1:A:25:ASN:CB	0.57	2.67	9	1
1:A:28:LEU:CD2	1:A:92:TRP:CE2	0.57	2.87	17	7
1:A:27:LEU:HD22	1:A:27:LEU:O	0.57	2.00	11	4
1:A:41:ILE:O	1:A:45:LEU:HB3	0.57	2.00	16	11
1:A:52:ARG:CD	1:A:53:MET:N	0.57	2.67	6	5
1:A:28:LEU:O	1:A:29:GLN:HB3	0.57	2.00	8	4
1:A:115:ARG:O	1:A:130:LYS:CG	0.57	2.52	7	4
1:A:19:CYS:SG	1:A:79:PHE:N	0.57	2.78	17	8
1:A:44:GLN:HG3	1:A:45:LEU:N	0.57	2.13	16	4
1:A:38:LEU:HB3	1:A:80:PHE:CD1	0.57	2.35	15	9
1:A:114:GLU:O	1:A:135:TRP:CZ3	0.57	2.58	15	3
1:A:24:LEU:HD11	1:A:89:LEU:CD1	0.57	2.30	13	1
1:A:94:LEU:HD21	1:A:174:LEU:HD23	0.57	1.75	13	1
1:A:45:LEU:CD2	1:A:87:ASN:OD1	0.57	2.53	8	3
1:A:115:ARG:O	1:A:130:LYS:CB	0.57	2.53	6	4
1:A:117:PHE:CZ	1:A:119:CYS:SG	0.57	2.98	5	2
1:A:89:LEU:HD13	1:A:94:LEU:HD22	0.57	1.77	12	3
1:A:121:TYR:CG	1:A:121:TYR:O	0.57	2.57	14	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:20:ALA:CB	1:A:125:TRP:CE2	0.56	2.88	17	1
1:A:131:LEU:HB3	1:A:136:PHE:CG	0.56	2.35	18	3
1:A:82:ILE:HD13	1:A:82:ILE:O	0.56	2.00	19	11
1:A:101:SER:O	1:A:105:GLN:CG	0.56	2.53	2	17
1:A:96:LEU:HD23	1:A:169:VAL:C	0.56	2.25	7	2
1:A:104:TYR:O	1:A:109:ILE:CD1	0.56	2.53	16	3
1:A:18:LEU:CD1	1:A:19:CYS:N	0.56	2.67	9	6
1:A:125:TRP:HZ3	1:A:127:THR:HG23	0.56	1.60	14	2
1:A:24:LEU:HD12	1:A:28:LEU:HD13	0.56	1.77	17	1
1:A:57:GLY:O	1:A:59:THR:N	0.56	2.38	18	13
1:A:38:LEU:HD23	1:A:80:PHE:CG	0.56	2.35	9	5
1:A:45:LEU:CD1	1:A:83:GLN:HB3	0.56	2.29	16	5
1:A:118:ILE:HG23	1:A:126:PHE:O	0.56	2.01	4	7
1:A:28:LEU:HB3	1:A:92:TRP:CZ3	0.56	2.35	4	7
1:A:141:LEU:HD12	1:A:141:LEU:C	0.56	2.25	6	1
1:A:130:LYS:HD3	1:A:135:TRP:CE3	0.56	2.36	7	1
1:A:180:ASP:O	1:A:183:LEU:HD23	0.56	2.00	14	1
1:A:57:GLY:C	1:A:58:VAL:CG2	0.56	2.78	18	1
1:A:110:ASP:CB	1:A:113:ASN:HB3	0.56	2.30	19	4
1:A:49:GLU:N	1:A:49:GLU:OE1	0.56	2.39	20	2
1:A:100:ASN:O	1:A:101:SER:O	0.56	2.23	16	1
1:A:118:ILE:HG21	1:A:125:TRP:CZ3	0.56	2.36	4	16
1:A:34:SER:CB	1:A:35:PRO:HD2	0.56	2.31	14	13
1:A:89:LEU:HD12	1:A:96:LEU:HB2	0.56	1.77	7	1
1:A:57:GLY:C	1:A:58:VAL:HG12	0.56	2.26	8	7
1:A:89:LEU:HD23	1:A:96:LEU:HB2	0.56	1.77	13	2
1:A:138:LEU:HA	1:A:142:LEU:HD21	0.56	1.76	6	2
1:A:131:LEU:HD22	1:A:136:PHE:CE2	0.56	2.35	11	1
1:A:42:ALA:HB3	1:A:74:MET:SD	0.56	2.40	8	3
1:A:75:ASP:HB2	1:A:79:PHE:CD2	0.56	2.35	17	14
1:A:183:LEU:HD23	1:A:183:LEU:C	0.56	2.26	5	1
1:A:48:GLU:O	1:A:52:ARG:CG	0.56	2.54	9	5
1:A:26:ASN:N	1:A:26:ASN:ND2	0.56	2.52	8	1
1:A:139:ASN:HB3	1:A:141:LEU:HD23	0.56	1.76	18	2
1:A:6:MET:HG2	1:A:9:ILE:HD12	0.56	1.76	14	1
1:A:136:PHE:CE1	1:A:147:LEU:CD2	0.56	2.89	4	2
1:A:45:LEU:HD11	1:A:83:GLN:CB	0.56	2.30	16	1
1:A:131:LEU:HD12	1:A:136:PHE:CE2	0.56	2.35	17	1
1:A:72:GLY:O	1:A:74:MET:N	0.55	2.39	8	15
1:A:97:ILE:CD1	1:A:169:VAL:CG2	0.55	2.83	12	1
1:A:21:GLN:CD	1:A:24:LEU:HD23	0.55	2.27	7	3

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:58:VAL:C	1:A:60:SER:H	0.55	2.10	6	10
1:A:155:LEU:CD2	1:A:159:GLN:NE2	0.55	2.69	18	20
1:A:25:ASN:ND2	1:A:33:PHE:CD1	0.55	2.74	2	1
1:A:79:PHE:CD1	1:A:80:PHE:N	0.55	2.73	3	7
1:A:79:PHE:CD1	1:A:80:PHE:O	0.55	2.60	3	1
1:A:157:LEU:HD23	1:A:157:LEU:N	0.55	2.16	14	5
1:A:45:LEU:HD21	1:A:83:GLN:CB	0.55	2.31	4	3
1:A:18:LEU:HD12	1:A:19:CYS:CB	0.55	2.31	17	2
1:A:29:GLN:CG	1:A:29:GLN:O	0.55	2.54	11	3
1:A:136:PHE:CZ	1:A:147:LEU:CD2	0.55	2.89	16	1
1:A:49:GLU:OE2	1:A:66:PHE:CE2	0.55	2.59	9	2
1:A:21:GLN:CG	1:A:33:PHE:CZ	0.55	2.90	14	1
1:A:21:GLN:O	1:A:25:ASN:CG	0.55	2.50	7	7
1:A:42:ALA:CB	1:A:84:VAL:HG12	0.55	2.27	9	13
1:A:45:LEU:CD2	1:A:83:GLN:HB3	0.55	2.31	11	8
1:A:58:VAL:C	1:A:59:THR:HG22	0.55	2.26	14	12
1:A:105:GLN:NE2	1:A:109:ILE:HG22	0.55	2.16	16	2
1:A:96:LEU:CD2	1:A:97:ILE:N	0.55	2.69	20	9
1:A:98:LEU:HD12	1:A:100:ASN:HB2	0.55	1.78	2	5
1:A:152:TYR:O	1:A:156:PHE:N	0.55	2.37	20	18
1:A:30:GLY:O	1:A:31:GLU:CB	0.55	2.54	9	3
1:A:27:LEU:HD12	1:A:129:ARG:HB3	0.55	1.78	17	1
1:A:57:GLY:C	1:A:58:VAL:HG22	0.55	2.27	18	1
1:A:132:GLY:CA	1:A:183:LEU:HD23	0.55	2.32	20	2
1:A:183:LEU:O	1:A:184:GLN:CG	0.55	2.54	16	4
1:A:52:ARG:HD3	1:A:52:ARG:C	0.55	2.27	6	4
1:A:111:PRO:HA	1:A:117:PHE:CE1	0.55	2.36	10	1
1:A:27:LEU:HD21	1:A:174:LEU:HD21	0.55	1.78	19	2
1:A:22:HIS:CE1	1:A:139:ASN:O	0.55	2.59	4	1
1:A:96:LEU:HD11	1:A:118:ILE:HD12	0.55	1.78	6	4
1:A:27:LEU:CD2	1:A:174:LEU:HD21	0.55	2.32	20	1
1:A:117:PHE:CD1	1:A:117:PHE:C	0.55	2.84	9	10
1:A:28:LEU:HB3	1:A:92:TRP:CH2	0.55	2.36	19	14
1:A:94:LEU:CD1	1:A:94:LEU:C	0.55	2.79	13	2
1:A:153:LEU:O	1:A:157:LEU:HD22	0.55	2.02	11	2
1:A:45:LEU:O	1:A:45:LEU:CD2	0.55	2.50	16	1
1:A:111:PRO:O	1:A:114:GLU:CD	0.55	2.50	20	1
1:A:10:PHE:CE1	1:A:138:LEU:HD21	0.55	2.37	18	2
1:A:115:ARG:NH2	1:A:172:GLY:O	0.55	2.40	10	1
1:A:131:LEU:HD23	1:A:179:ALA:CB	0.55	2.32	15	4
1:A:85:ILE:O	1:A:89:LEU:HG	0.54	2.02	8	9

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:24:LEU:HD13	1:A:85:ILE:CG1	0.54	2.33	2	8
1:A:117:PHE:CD2	1:A:128:VAL:CB	0.54	2.91	4	10
1:A:137:ASN:OD1	1:A:148:ILE:CD1	0.54	2.55	12	6
1:A:136:PHE:CD1	1:A:136:PHE:N	0.54	2.75	14	7
1:A:141:LEU:C	1:A:141:LEU:HD12	0.54	2.26	9	1
1:A:63:TYR:O	1:A:67:LEU:CG	0.54	2.55	9	19
1:A:126:PHE:CD1	1:A:141:LEU:HD23	0.54	2.38	3	3
1:A:112:ILE:O	1:A:114:GLU:N	0.54	2.41	14	3
1:A:39:SER:HA	1:A:74:MET:HE1	0.54	1.78	3	1
1:A:117:PHE:N	1:A:128:VAL:O	0.54	2.40	19	7
1:A:10:PHE:HE1	1:A:138:LEU:HD21	0.54	1.63	4	2
1:A:115:ARG:C	1:A:115:ARG:HD3	0.54	2.27	7	1
1:A:135:TRP:CZ3	1:A:150:ASP:N	0.54	2.75	20	3
1:A:23:CYS:SG	1:A:139:ASN:ND2	0.54	2.80	17	1
1:A:33:PHE:HE2	1:A:88:ALA:HB1	0.54	1.62	12	3
1:A:82:ILE:HG12	1:A:125:TRP:CD2	0.54	2.37	6	11
1:A:115:ARG:HG3	1:A:116:SER:N	0.54	2.16	7	2
1:A:121:TYR:O	1:A:122:LYS:C	0.54	2.51	15	14
1:A:45:LEU:O	1:A:49:GLU:CG	0.54	2.56	10	5
1:A:135:TRP:CZ2	1:A:150:ASP:CG	0.54	2.85	5	3
1:A:27:LEU:O	1:A:27:LEU:HD22	0.54	2.03	6	3
1:A:174:LEU:HD13	1:A:175:PRO:O	0.54	2.03	18	6
1:A:104:TYR:C	1:A:109:ILE:HD13	0.54	2.27	20	3
1:A:131:LEU:HD22	1:A:136:PHE:CZ	0.54	2.37	11	1
1:A:153:LEU:O	1:A:157:LEU:HG	0.54	2.03	10	9
1:A:131:LEU:HD22	1:A:179:ALA:HB1	0.54	1.78	6	1
1:A:131:LEU:HB2	1:A:136:PHE:CE1	0.54	2.37	20	1
1:A:113:ASN:O	1:A:114:GLU:C	0.54	2.49	2	3
1:A:21:GLN:NE2	1:A:33:PHE:C	0.54	2.66	16	2
1:A:135:TRP:CH2	1:A:150:ASP:HB3	0.54	2.37	14	2
1:A:53:MET:HB2	1:A:58:VAL:HG12	0.54	1.79	18	1
1:A:39:SER:CB	1:A:74:MET:HE1	0.54	2.32	3	1
1:A:6:MET:CE	1:A:145:PRO:O	0.54	2.55	12	3
1:A:141:LEU:CD2	1:A:142:LEU:HD13	0.54	2.32	5	1
1:A:176:ASP:CG	1:A:177:CYS:N	0.54	2.65	6	1
1:A:69:GLN:N	1:A:70:PRO:CD	0.54	2.71	9	1
1:A:88:ALA:HA	1:A:91:VAL:HG22	0.54	1.80	4	18
1:A:23:CYS:HG	1:A:138:LEU:C	0.54	2.09	7	5
1:A:142:LEU:HD13	1:A:142:LEU:N	0.54	2.16	14	8
1:A:130:LYS:HG3	1:A:135:TRP:CZ3	0.54	2.38	9	4
1:A:180:ASP:O	1:A:183:LEU:CD2	0.54	2.56	14	3

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:74:MET:SD	1:A:75:ASP:O	0.54	2.66	19	2
1:A:9:ILE:HG21	1:A:131:LEU:HD13	0.54	1.79	12	1
1:A:124:HIS:CE1	1:A:139:ASN:OD1	0.54	2.61	16	1
1:A:51:MET:CG	1:A:52:ARG:N	0.54	2.71	9	13
1:A:120:ASN:C	1:A:120:ASN:ND2	0.54	2.65	1	9
1:A:18:LEU:CG	1:A:19:CYS:N	0.54	2.69	3	8
1:A:89:LEU:CD1	1:A:170:VAL:CG1	0.54	2.86	9	7
1:A:153:LEU:HD22	1:A:153:LEU:C	0.54	2.26	18	2
1:A:82:ILE:HD11	1:A:118:ILE:HG21	0.54	1.79	5	8
1:A:90:LYS:C	1:A:90:LYS:CE	0.54	2.81	15	2
1:A:82:ILE:HG12	1:A:125:TRP:CE3	0.54	2.38	13	20
1:A:183:LEU:HD12	1:A:184:GLN:N	0.54	2.18	15	3
1:A:18:LEU:CD2	1:A:21:GLN:OE1	0.53	2.57	2	1
1:A:129:ARG:O	1:A:136:PHE:CD1	0.53	2.61	10	1
1:A:159:GLN:O	1:A:163:GLU:CG	0.53	2.56	11	3
1:A:114:GLU:CG	1:A:169:VAL:HG22	0.53	2.33	4	2
1:A:131:LEU:HB3	1:A:147:LEU:HD21	0.53	1.78	10	1
1:A:49:GLU:OE1	1:A:66:PHE:CE2	0.53	2.62	16	1
1:A:112:ILE:C	1:A:114:GLU:OE1	0.53	2.52	20	1
1:A:21:GLN:HB2	1:A:38:LEU:CD1	0.53	2.31	10	8
1:A:51:MET:HG3	1:A:52:ARG:N	0.53	2.19	20	17
1:A:58:VAL:HG21	1:A:63:TYR:CG	0.53	2.39	5	5
1:A:30:GLY:HA3	1:A:32:TYR:CE1	0.53	2.38	2	1
1:A:85:ILE:CG2	1:A:89:LEU:CD2	0.53	2.87	2	4
1:A:99:PHE:CZ	1:A:111:PRO:HB3	0.53	2.38	8	9
1:A:107:LEU:O	1:A:108:ARG:CD	0.53	2.57	10	18
1:A:45:LEU:CB	1:A:87:ASN:OD1	0.53	2.56	9	3
1:A:136:PHE:CZ	1:A:147:LEU:CD1	0.53	2.91	6	1
1:A:136:PHE:HE2	1:A:138:LEU:HD23	0.53	1.63	10	1
1:A:105:GLN:HA	1:A:109:ILE:HG22	0.53	1.78	12	1
1:A:134:GLN:HB3	1:A:147:LEU:HD21	0.53	1.81	20	1
1:A:39:SER:HA	1:A:74:MET:SD	0.53	2.44	14	3
1:A:45:LEU:HG	1:A:87:ASN:HD21	0.53	1.63	9	1
1:A:41:ILE:CG2	1:A:84:VAL:HB	0.53	2.33	17	8
1:A:52:ARG:CG	1:A:53:MET:N	0.53	2.71	6	5
1:A:98:LEU:HD22	1:A:168:PHE:CD2	0.53	2.39	13	4
1:A:69:GLN:CG	1:A:98:LEU:HD23	0.53	2.34	9	1
1:A:39:SER:O	1:A:43:HIS:CG	0.53	2.61	19	4
1:A:115:ARG:CZ	1:A:170:VAL:O	0.53	2.56	18	1
1:A:66:PHE:C	1:A:68:GLN:N	0.53	2.66	7	20
1:A:85:ILE:CD1	1:A:125:TRP:CH2	0.53	2.90	18	17

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:18:LEU:HD11	1:A:19:CYS:SG	0.53	2.44	8	1
1:A:111:PRO:O	1:A:117:PHE:CE1	0.53	2.61	10	1
1:A:44:GLN:HA	1:A:47:GLU:CG	0.53	2.34	19	1
1:A:38:LEU:O	1:A:41:ILE:HG22	0.53	2.04	20	8
1:A:105:GLN:NE2	1:A:109:ILE:CG2	0.53	2.71	16	2
1:A:81:SER:OG	1:A:84:VAL:HG13	0.53	2.04	11	2
1:A:30:GLY:C	1:A:32:TYR:CE1	0.53	2.87	2	1
1:A:28:LEU:HD21	1:A:89:LEU:CD2	0.53	2.34	4	1
1:A:69:GLN:HG2	1:A:98:LEU:HD23	0.53	1.80	9	1
1:A:21:GLN:NE2	1:A:24:LEU:HD23	0.53	2.19	1	4
1:A:142:LEU:HD13	1:A:142:LEU:H	0.53	1.64	12	10
1:A:117:PHE:CD2	1:A:157:LEU:CD1	0.53	2.91	15	2
1:A:18:LEU:CD1	1:A:19:CYS:SG	0.52	2.97	8	4
1:A:121:TYR:O	1:A:121:TYR:CG	0.52	2.60	13	9
1:A:38:LEU:HG	1:A:84:VAL:CG2	0.52	2.34	9	7
1:A:85:ILE:CD1	1:A:125:TRP:CZ2	0.52	2.92	18	10
1:A:110:ASP:CB	1:A:113:ASN:CG	0.52	2.82	10	1
1:A:38:LEU:HB2	1:A:80:PHE:CE2	0.52	2.40	11	1
1:A:5:SER:O	1:A:182:LEU:CD2	0.52	2.57	13	2
1:A:131:LEU:HD23	1:A:179:ALA:HB1	0.52	1.80	13	4
1:A:49:GLU:OE1	1:A:49:GLU:CA	0.52	2.57	20	1
1:A:53:MET:O	1:A:58:VAL:HG12	0.52	2.04	6	5
1:A:157:LEU:HA	1:A:160:LEU:HD23	0.52	1.80	18	18
1:A:11:HIS:CB	1:A:26:ASN:HA	0.52	2.34	3	5
1:A:112:ILE:CG2	1:A:153:LEU:HD12	0.52	2.33	16	5
1:A:31:GLU:O	1:A:32:TYR:CG	0.52	2.63	14	2
1:A:66:PHE:O	1:A:68:GLN:N	0.52	2.42	2	17
1:A:135:TRP:O	1:A:148:ILE:N	0.52	2.38	10	1
1:A:35:PRO:O	1:A:80:PHE:CE2	0.52	2.62	11	2
1:A:97:ILE:HD11	1:A:171:LYS:HD3	0.52	1.81	15	7
1:A:63:TYR:O	1:A:67:LEU:CB	0.52	2.58	9	8
1:A:155:LEU:C	1:A:155:LEU:HD13	0.52	2.29	15	3
1:A:11:HIS:C	1:A:11:HIS:CD2	0.52	2.87	7	2
1:A:11:HIS:CB	1:A:26:ASN:OD1	0.52	2.57	9	1
1:A:114:GLU:HG2	1:A:115:ARG:N	0.52	2.20	20	1
1:A:88:ALA:O	1:A:92:TRP:HB2	0.52	2.04	12	19
1:A:126:PHE:CE2	1:A:141:LEU:HD23	0.52	2.40	4	1
1:A:85:ILE:HG13	1:A:125:TRP:CH2	0.52	2.39	17	1
1:A:55:GLU:C	1:A:57:GLY:N	0.52	2.67	20	11
1:A:66:PHE:O	1:A:67:LEU:C	0.52	2.53	3	17
1:A:19:CYS:SG	1:A:21:GLN:CB	0.52	2.97	19	7

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:9:ILE:HD11	1:A:131:LEU:HD22	0.52	1.80	8	2
1:A:8:SER:C	1:A:182:LEU:CD2	0.52	2.83	14	1
1:A:131:LEU:HB3	1:A:136:PHE:CD1	0.52	2.39	9	6
1:A:137:ASN:O	1:A:138:LEU:HD22	0.52	2.05	6	1
1:A:178:GLU:O	1:A:181:GLN:CG	0.52	2.58	6	3
1:A:126:PHE:CE1	1:A:141:LEU:HD23	0.52	2.39	9	3
1:A:139:ASN:O	1:A:140:SER:OG	0.52	2.27	20	2
1:A:85:ILE:HG22	1:A:89:LEU:CD2	0.52	2.34	5	2
1:A:117:PHE:CE1	1:A:167:ILE:HG23	0.52	2.40	16	6
1:A:126:PHE:CD1	1:A:141:LEU:CD2	0.52	2.92	12	2
1:A:35:PRO:HA	1:A:80:PHE:CE2	0.52	2.39	8	1
1:A:27:LEU:CD2	1:A:27:LEU:O	0.51	2.58	20	5
1:A:89:LEU:O	1:A:94:LEU:CD1	0.51	2.58	12	2
1:A:183:LEU:HD23	1:A:184:GLN:N	0.51	2.20	17	3
1:A:131:LEU:HB3	1:A:136:PHE:CE1	0.51	2.40	14	2
1:A:45:LEU:HB2	1:A:87:ASN:ND2	0.51	2.19	11	7
1:A:135:TRP:CZ2	1:A:150:ASP:HB3	0.51	2.40	14	2
1:A:82:ILE:HG12	1:A:125:TRP:CH2	0.51	2.40	3	19
1:A:94:LEU:HD23	1:A:94:LEU:H	0.51	1.65	1	3
1:A:87:ASN:O	1:A:90:LYS:CG	0.51	2.57	3	1
1:A:94:LEU:HB3	1:A:173:ASP:N	0.51	2.20	13	5
1:A:116:SER:O	1:A:170:VAL:CG1	0.51	2.58	7	2
1:A:130:LYS:HB3	1:A:135:TRP:CE3	0.51	2.40	7	1
1:A:18:LEU:HD12	1:A:19:CYS:H	0.51	1.61	9	1
1:A:51:MET:O	1:A:55:GLU:CB	0.51	2.58	16	3
1:A:11:HIS:CE1	1:A:31:GLU:HB2	0.51	2.40	16	1
1:A:116:SER:O	1:A:170:VAL:HG23	0.51	2.05	2	4
1:A:30:GLY:O	1:A:32:TYR:CZ	0.51	2.63	6	1
1:A:21:GLN:HE21	1:A:38:LEU:HD13	0.51	1.62	7	1
1:A:31:GLU:C	1:A:32:TYR:CD2	0.51	2.87	9	1
1:A:11:HIS:CG	1:A:29:GLN:HA	0.51	2.40	12	1
1:A:111:PRO:O	1:A:117:PHE:CE2	0.51	2.63	19	1
1:A:75:ASP:CG	1:A:79:PHE:CD2	0.51	2.88	5	2
1:A:117:PHE:CZ	1:A:157:LEU:HD21	0.51	2.40	8	2
1:A:18:LEU:HG	1:A:19:CYS:H	0.51	1.65	16	3
1:A:64:ARG:N	1:A:64:ARG:HD2	0.51	2.21	2	4
1:A:86:SER:O	1:A:90:LYS:CG	0.51	2.59	17	10
1:A:131:LEU:N	1:A:134:GLN:O	0.51	2.44	2	4
1:A:21:GLN:O	1:A:25:ASN:N	0.51	2.41	19	4
1:A:99:PHE:CB	1:A:169:VAL:HG13	0.51	2.31	8	3
1:A:84:VAL:HG23	1:A:85:ILE:HD12	0.51	1.82	15	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:48:GLU:O	1:A:51:MET:HG2	0.51	2.06	4	14
1:A:126:PHE:CE1	1:A:141:LEU:CD2	0.51	2.94	3	2
1:A:27:LEU:O	1:A:27:LEU:CD2	0.51	2.58	11	2
1:A:28:LEU:O	1:A:29:GLN:C	0.51	2.54	6	1
1:A:9:ILE:HG12	1:A:131:LEU:HD22	0.51	1.82	13	1
1:A:66:PHE:HD1	1:A:67:LEU:HD23	0.51	1.64	15	1
1:A:89:LEU:N	1:A:89:LEU:HD23	0.51	2.19	17	1
1:A:18:LEU:O	1:A:78:GLY:O	0.51	2.28	3	2
1:A:98:LEU:CD1	1:A:100:ASN:HB2	0.51	2.36	9	3
1:A:10:PHE:CE1	1:A:138:LEU:HG	0.51	2.41	6	1
1:A:48:GLU:O	1:A:52:ARG:N	0.51	2.38	18	2
1:A:57:GLY:O	1:A:58:VAL:HG23	0.51	2.06	18	1
1:A:131:LEU:HD13	1:A:179:ALA:HB1	0.51	1.83	20	1
1:A:174:LEU:CD1	1:A:175:PRO:O	0.51	2.59	18	5
1:A:137:ASN:HB2	1:A:148:ILE:HD11	0.51	1.83	4	4
1:A:10:PHE:CD1	1:A:26:ASN:OD1	0.51	2.64	6	1
1:A:27:LEU:HD22	1:A:27:LEU:C	0.51	2.31	6	1
1:A:98:LEU:CD1	1:A:167:ILE:O	0.51	2.54	11	3
1:A:11:HIS:CD2	1:A:26:ASN:CG	0.51	2.89	9	1
1:A:136:PHE:CE2	1:A:147:LEU:HB2	0.51	2.40	13	2
1:A:66:PHE:CD1	1:A:67:LEU:HD23	0.51	2.41	15	1
1:A:136:PHE:CZ	1:A:147:LEU:HD21	0.51	2.40	16	1
1:A:159:GLN:O	1:A:163:GLU:HG2	0.51	2.05	19	2
1:A:135:TRP:CH2	1:A:150:ASP:HB2	0.51	2.41	20	1
1:A:135:TRP:CH2	1:A:150:ASP:HA	0.51	2.40	16	5
1:A:10:PHE:CG	1:A:11:HIS:N	0.51	2.74	9	2
1:A:66:PHE:C	1:A:66:PHE:CD1	0.51	2.89	9	1
1:A:58:VAL:HG11	1:A:63:TYR:HD2	0.51	1.65	15	1
1:A:58:VAL:O	1:A:58:VAL:CG2	0.51	2.59	9	6
1:A:117:PHE:CE1	1:A:118:ILE:C	0.51	2.89	3	10
1:A:131:LEU:C	1:A:131:LEU:CD1	0.51	2.77	18	2
1:A:114:GLU:HG3	1:A:169:VAL:HG22	0.51	1.83	15	2
1:A:136:PHE:CE1	1:A:147:LEU:HB2	0.50	2.41	18	2
1:A:20:ALA:CB	1:A:125:TRP:CH2	0.50	2.93	19	1
1:A:96:LEU:C	1:A:96:LEU:CD2	0.50	2.84	20	1
1:A:94:LEU:N	1:A:94:LEU:CD1	0.50	2.70	10	2
1:A:136:PHE:CE1	1:A:147:LEU:HG	0.50	2.41	5	1
1:A:49:GLU:O	1:A:53:MET:HB3	0.50	2.06	6	3
1:A:42:ALA:O	1:A:45:LEU:HD13	0.50	2.05	9	1
1:A:115:ARG:NH1	1:A:170:VAL:O	0.50	2.43	14	1
1:A:66:PHE:O	1:A:69:GLN:HG3	0.50	2.06	15	17

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:19:CYS:HB3	1:A:80:PHE:CD2	0.50	2.40	3	2
1:A:115:ARG:CG	1:A:116:SER:N	0.50	2.73	2	1
1:A:18:LEU:HG	1:A:19:CYS:SG	0.50	2.46	3	2
1:A:96:LEU:HD23	1:A:169:VAL:O	0.50	2.06	20	4
1:A:74:MET:HE2	1:A:75:ASP:CG	0.50	2.31	11	2
1:A:52:ARG:C	1:A:52:ARG:CD	0.50	2.83	10	1
1:A:18:LEU:HG	1:A:22:HIS:CD2	0.50	2.41	17	1
1:A:44:GLN:O	1:A:48:GLU:CG	0.50	2.59	18	1
1:A:58:VAL:O	1:A:59:THR:C	0.50	2.53	16	8
1:A:136:PHE:CZ	1:A:147:LEU:HG	0.50	2.41	2	3
1:A:84:VAL:HG12	1:A:85:ILE:HD12	0.50	1.83	20	2
1:A:19:CYS:SG	1:A:79:PHE:CA	0.50	2.99	3	1
1:A:22:HIS:CG	1:A:23:CYS:N	0.50	2.80	14	4
1:A:55:GLU:O	1:A:57:GLY:N	0.50	2.45	20	7
1:A:134:GLN:NE2	1:A:135:TRP:CZ3	0.50	2.80	17	2
1:A:95:GLU:N	1:A:171:LYS:O	0.50	2.33	12	5
1:A:98:LEU:HG	1:A:167:ILE:O	0.50	2.06	7	6
1:A:98:LEU:CD2	1:A:168:PHE:CE2	0.50	2.95	13	2
1:A:23:CYS:SG	1:A:138:LEU:C	0.50	2.94	2	10
1:A:181:GLN:HG3	1:A:182:LEU:N	0.50	2.22	6	1
1:A:157:LEU:N	1:A:157:LEU:HD13	0.50	2.22	11	3
1:A:11:HIS:NE2	1:A:29:GLN:O	0.50	2.44	15	1
1:A:82:ILE:HG12	1:A:125:TRP:CE2	0.50	2.41	6	5
1:A:117:PHE:CZ	1:A:169:VAL:HG23	0.50	2.41	10	3
1:A:24:LEU:O	1:A:28:LEU:N	0.50	2.30	15	1
1:A:45:LEU:HG	1:A:46:ASP:N	0.50	2.21	12	8
1:A:45:LEU:HD23	1:A:87:ASN:HD21	0.50	1.66	16	1
1:A:45:LEU:HD21	1:A:83:GLN:HB2	0.50	1.84	4	2
1:A:94:LEU:HD12	1:A:170:VAL:CG1	0.50	2.37	17	7
1:A:89:LEU:HG	1:A:94:LEU:HD11	0.49	1.84	2	4
1:A:174:LEU:C	1:A:174:LEU:CD1	0.49	2.85	12	3
1:A:11:HIS:CE1	1:A:30:GLY:HA2	0.49	2.42	7	2
1:A:129:ARG:NH2	1:A:138:LEU:CD2	0.49	2.75	8	1
1:A:30:GLY:O	1:A:31:GLU:HG2	0.49	2.06	9	1
1:A:45:LEU:HG	1:A:87:ASN:ND2	0.49	2.21	9	2
1:A:6:MET:HE1	1:A:147:LEU:HG	0.49	1.84	10	1
1:A:5:SER:C	1:A:7:GLU:N	0.49	2.70	9	15
1:A:155:LEU:O	1:A:159:GLN:CG	0.49	2.59	13	19
1:A:66:PHE:CZ	1:A:83:GLN:OE1	0.49	2.65	9	2
1:A:128:VAL:HG22	1:A:137:ASN:OD1	0.49	2.07	7	1
1:A:183:LEU:O	1:A:184:GLN:CB	0.49	2.60	15	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:11:HIS:CD2	1:A:11:HIS:C	0.49	2.90	3	6
1:A:22:HIS:O	1:A:26:ASN:ND2	0.49	2.45	9	2
1:A:69:GLN:OE1	1:A:83:GLN:NE2	0.49	2.46	8	2
1:A:160:LEU:HD21	1:A:167:ILE:HG12	0.49	1.83	18	2
1:A:121:TYR:CE2	1:A:124:HIS:CB	0.49	2.94	15	1
1:A:45:LEU:HB3	1:A:87:ASN:OD1	0.49	2.07	9	2
1:A:45:LEU:CD1	1:A:49:GLU:CD	0.49	2.83	13	1
1:A:117:PHE:HE1	1:A:169:VAL:HG23	0.49	1.64	13	1
1:A:139:ASN:OD1	1:A:142:LEU:CD1	0.49	2.60	15	1
1:A:24:LEU:CD1	1:A:28:LEU:HD13	0.49	2.38	17	1
1:A:74:MET:HE1	1:A:80:PHE:CE1	0.49	2.42	10	3
1:A:120:ASN:HA	1:A:125:TRP:CB	0.49	2.37	8	4
1:A:99:PHE:O	1:A:101:SER:N	0.49	2.45	10	7
1:A:143:THR:O	1:A:143:THR:CG2	0.49	2.61	9	17
1:A:94:LEU:CD2	1:A:173:ASP:O	0.49	2.59	16	3
1:A:8:SER:HA	1:A:10:PHE:CZ	0.49	2.43	3	1
1:A:39:SER:CA	1:A:74:MET:HE1	0.49	2.38	3	1
1:A:48:GLU:O	1:A:52:ARG:CB	0.49	2.61	9	2
1:A:117:PHE:CE2	1:A:157:LEU:HD11	0.49	2.42	7	3
1:A:117:PHE:CD1	1:A:169:VAL:HG23	0.49	2.43	18	2
1:A:95:GLU:O	1:A:171:LYS:O	0.49	2.31	2	8
1:A:117:PHE:CE2	1:A:157:LEU:CD1	0.49	2.96	10	1
1:A:136:PHE:CE2	1:A:147:LEU:HD13	0.49	2.43	14	1
1:A:95:GLU:O	1:A:171:LYS:N	0.49	2.45	7	1
1:A:130:LYS:CD	1:A:135:TRP:CD2	0.49	2.96	7	1
1:A:24:LEU:CD1	1:A:89:LEU:HD21	0.49	2.38	19	3
1:A:73:ASN:C	1:A:74:MET:CG	0.49	2.85	8	1
1:A:38:LEU:HB2	1:A:80:PHE:CD2	0.49	2.42	11	1
1:A:50:ARG:O	1:A:54:ALA:HB3	0.49	2.06	12	1
1:A:38:LEU:HB3	1:A:80:PHE:CE2	0.49	2.43	13	2
1:A:121:TYR:CE1	1:A:122:LYS:HB2	0.49	2.43	15	1
1:A:64:ARG:CB	1:A:64:ARG:CZ	0.49	2.91	20	1
1:A:148:ILE:HG22	1:A:153:LEU:HB2	0.49	1.85	8	3
1:A:11:HIS:CD2	1:A:29:GLN:HA	0.49	2.43	5	1
1:A:141:LEU:HD23	1:A:142:LEU:CD1	0.49	2.36	5	1
1:A:134:GLN:O	1:A:136:PHE:CD1	0.49	2.65	13	3
1:A:90:LYS:HG3	1:A:91:VAL:N	0.49	2.23	18	2
1:A:126:PHE:HA	1:A:139:ASN:ND2	0.49	2.22	17	1
1:A:39:SER:OG	1:A:74:MET:CE	0.48	2.60	7	4
1:A:75:ASP:CG	1:A:79:PHE:CE2	0.48	2.92	5	2
1:A:28:LEU:O	1:A:29:GLN:HG2	0.48	2.07	6	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:11:HIS:HB2	1:A:26:ASN:CG	0.48	2.33	10	1
1:A:18:LEU:C	1:A:18:LEU:CD1	0.48	2.74	10	1
1:A:113:ASN:O	1:A:115:ARG:HG2	0.48	2.08	2	1
1:A:181:GLN:CD	1:A:181:GLN:C	0.48	2.81	17	1
1:A:44:GLN:O	1:A:47:GLU:HG3	0.48	2.07	19	1
1:A:29:GLN:CD	1:A:29:GLN:O	0.48	2.56	17	3
1:A:57:GLY:O	1:A:58:VAL:HG12	0.48	2.09	16	1
1:A:131:LEU:HB2	1:A:136:PHE:CG	0.48	2.43	5	2
1:A:5:SER:HA	1:A:182:LEU:HD22	0.48	1.84	6	1
1:A:117:PHE:CD2	1:A:153:LEU:HD21	0.48	2.43	7	1
1:A:117:PHE:CZ	1:A:128:VAL:HG21	0.48	2.39	8	2
1:A:157:LEU:HA	1:A:160:LEU:CD1	0.48	2.30	11	2
1:A:142:LEU:HD23	1:A:144:GLY:H	0.48	1.68	3	5
1:A:139:ASN:N	1:A:142:LEU:HD21	0.48	2.23	4	3
1:A:132:GLY:HA2	1:A:183:LEU:HD13	0.48	1.85	10	1
1:A:183:LEU:HD12	1:A:183:LEU:O	0.48	2.09	10	1
1:A:10:PHE:CE1	1:A:26:ASN:ND2	0.48	2.82	6	1
1:A:29:GLN:OE1	1:A:176:ASP:C	0.48	2.57	6	1
1:A:9:ILE:HD11	1:A:131:LEU:CD2	0.48	2.38	14	1
1:A:117:PHE:CD1	1:A:157:LEU:CD1	0.48	2.96	19	1
1:A:112:ILE:CG2	1:A:135:TRP:NE1	0.48	2.77	10	6
1:A:118:ILE:CG2	1:A:126:PHE:O	0.48	2.62	4	4
1:A:48:GLU:CA	1:A:48:GLU:OE1	0.48	2.61	9	1
1:A:160:LEU:C	1:A:160:LEU:CD2	0.48	2.85	11	2
1:A:114:GLU:CD	1:A:169:VAL:CG1	0.48	2.87	17	1
1:A:104:TYR:O	1:A:109:ILE:HB	0.48	2.08	15	12
1:A:20:ALA:HB2	1:A:125:TRP:CZ2	0.48	2.43	3	1
1:A:121:TYR:CE2	1:A:124:HIS:HB2	0.48	2.43	15	1
1:A:136:PHE:CZ	1:A:147:LEU:HB2	0.48	2.43	18	2
1:A:151:THR:O	1:A:155:LEU:HB3	0.48	2.09	17	6
1:A:97:ILE:HD11	1:A:169:VAL:CG2	0.48	2.37	12	1
1:A:59:THR:CG2	1:A:62:ASP:CG	0.48	2.86	18	1
1:A:136:PHE:HE1	1:A:147:LEU:HD12	0.48	1.69	1	1
1:A:98:LEU:CD2	1:A:100:ASN:HB2	0.48	2.39	7	3
1:A:70:PRO:O	1:A:83:GLN:NE2	0.48	2.47	12	1
1:A:30:GLY:O	1:A:31:GLU:HG3	0.48	2.08	14	1
1:A:131:LEU:HD12	1:A:136:PHE:CE1	0.48	2.44	18	2
1:A:99:PHE:CD2	1:A:117:PHE:CE2	0.47	3.02	13	4
1:A:135:TRP:CH2	1:A:150:ASP:CG	0.47	2.93	5	1
1:A:141:LEU:CD2	1:A:142:LEU:CD1	0.47	2.92	5	1
1:A:49:GLU:HA	1:A:52:ARG:CG	0.47	2.39	11	5

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:75:ASP:HB2	1:A:79:PHE:CE2	0.47	2.44	7	3
1:A:131:LEU:HD22	1:A:132:GLY:N	0.47	2.24	17	1
1:A:117:PHE:O	1:A:128:VAL:HB	0.47	2.09	11	9
1:A:84:VAL:CG2	1:A:85:ILE:HD12	0.47	2.39	15	6
1:A:29:GLN:OE1	1:A:178:GLU:N	0.47	2.47	11	2
1:A:27:LEU:HD11	1:A:116:SER:OG	0.47	2.07	12	2
1:A:104:TYR:CB	1:A:109:ILE:HD12	0.47	2.39	12	1
1:A:99:PHE:CE2	1:A:111:PRO:HA	0.47	2.44	16	1
1:A:29:GLN:O	1:A:29:GLN:NE2	0.47	2.47	1	1
1:A:22:HIS:NE2	1:A:139:ASN:O	0.47	2.47	4	1
1:A:115:ARG:HA	1:A:135:TRP:CZ3	0.47	2.44	13	1
1:A:114:GLU:CG	1:A:114:GLU:O	0.47	2.61	2	1
1:A:21:GLN:NE2	1:A:34:SER:C	0.47	2.73	3	1
1:A:72:GLY:O	1:A:73:ASN:C	0.47	2.57	5	1
1:A:99:PHE:CZ	1:A:105:GLN:NE2	0.47	2.82	19	3
1:A:21:GLN:CG	1:A:38:LEU:CD2	0.47	2.91	13	1
1:A:8:SER:C	1:A:182:LEU:HD11	0.47	2.34	3	1
1:A:131:LEU:HD13	1:A:136:PHE:CD2	0.47	2.45	11	1
1:A:97:ILE:HD12	1:A:169:VAL:HG22	0.47	1.86	12	1
1:A:117:PHE:CZ	1:A:169:VAL:HG12	0.47	2.43	12	1
1:A:82:ILE:CG1	1:A:125:TRP:CE3	0.47	2.97	15	2
1:A:115:ARG:NE	1:A:170:VAL:O	0.47	2.47	18	1
1:A:5:SER:OG	1:A:9:ILE:HD11	0.47	2.09	20	1
1:A:47:GLU:O	1:A:51:MET:HE3	0.47	2.10	20	1
1:A:128:VAL:HG22	1:A:137:ASN:ND2	0.47	2.24	11	2
1:A:58:VAL:C	1:A:59:THR:CG2	0.47	2.88	14	4
1:A:136:PHE:CE2	1:A:147:LEU:HG	0.47	2.44	8	3
1:A:85:ILE:O	1:A:89:LEU:N	0.47	2.43	17	7
1:A:94:LEU:HD23	1:A:174:LEU:HD23	0.47	1.86	10	2
1:A:94:LEU:CD1	1:A:170:VAL:CG1	0.47	2.93	17	3
1:A:142:LEU:H	1:A:142:LEU:HD13	0.47	1.70	19	3
1:A:142:LEU:C	1:A:144:GLY:N	0.47	2.72	15	16
1:A:21:GLN:HB2	1:A:33:PHE:CZ	0.47	2.44	2	1
1:A:38:LEU:HB3	1:A:80:PHE:CG	0.47	2.45	18	3
1:A:120:ASN:OD1	1:A:120:ASN:C	0.47	2.57	6	6
1:A:121:TYR:CD1	1:A:122:LYS:HE3	0.47	2.45	7	1
1:A:22:HIS:O	1:A:26:ASN:CG	0.47	2.58	8	2
1:A:48:GLU:O	1:A:52:ARG:HG3	0.47	2.08	8	3
1:A:18:LEU:CD1	1:A:19:CYS:H	0.47	2.23	9	1
1:A:28:LEU:HG	1:A:92:TRP:CD2	0.47	2.45	9	4
1:A:49:GLU:O	1:A:53:MET:HG2	0.47	2.08	18	2

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:98:LEU:HD11	1:A:100:ASN:CG	0.47	2.34	11	1
1:A:74:MET:CE	1:A:80:PHE:CD2	0.47	2.98	13	2
1:A:131:LEU:O	1:A:136:PHE:CE1	0.47	2.68	13	2
1:A:49:GLU:OE1	1:A:66:PHE:CE1	0.47	2.67	18	1
1:A:44:GLN:O	1:A:48:GLU:HB3	0.47	2.10	19	1
1:A:75:ASP:HA	1:A:79:PHE:O	0.47	2.10	11	3
1:A:8:SER:O	1:A:182:LEU:CD1	0.47	2.62	4	2
1:A:99:PHE:C	1:A:101:SER:N	0.47	2.72	18	8
1:A:115:ARG:O	1:A:130:LYS:N	0.47	2.48	6	3
1:A:176:ASP:OD2	1:A:180:ASP:CB	0.47	2.63	6	1
1:A:21:GLN:NE2	1:A:38:LEU:CD1	0.47	2.78	7	1
1:A:69:GLN:HB2	1:A:70:PRO:HD3	0.47	1.85	9	1
1:A:21:GLN:O	1:A:25:ASN:OD1	0.47	2.33	7	7
1:A:38:LEU:HD13	1:A:84:VAL:HG21	0.47	1.86	6	3
1:A:142:LEU:HD22	1:A:142:LEU:N	0.47	2.25	16	9
1:A:52:ARG:CD	1:A:52:ARG:C	0.47	2.87	6	4
1:A:117:PHE:CZ	1:A:157:LEU:CD2	0.47	2.98	9	1
1:A:21:GLN:HE22	1:A:24:LEU:HD23	0.47	1.70	1	1
1:A:24:LEU:HD11	1:A:89:LEU:CD2	0.47	2.36	20	3
1:A:25:ASN:O	1:A:29:GLN:N	0.47	2.46	14	1
1:A:47:GLU:C	1:A:51:MET:HE3	0.47	2.35	20	1
1:A:47:GLU:O	1:A:51:MET:HG2	0.46	2.10	6	4
1:A:98:LEU:CD1	1:A:100:ASN:OD1	0.46	2.62	8	3
1:A:163:GLU:CD	1:A:163:GLU:C	0.46	2.83	16	4
1:A:165:TYR:C	1:A:166:SER:OG	0.46	2.58	13	3
1:A:47:GLU:O	1:A:51:MET:CG	0.46	2.63	6	1
1:A:132:GLY:C	1:A:183:LEU:HD23	0.46	2.35	6	1
1:A:45:LEU:HD12	1:A:49:GLU:HB3	0.46	1.87	8	1
1:A:51:MET:O	1:A:55:GLU:N	0.46	2.37	8	3
1:A:11:HIS:NE2	1:A:25:ASN:HB3	0.46	2.25	9	1
1:A:21:GLN:OE1	1:A:25:ASN:ND2	0.46	2.48	13	3
1:A:111:PRO:HB2	1:A:157:LEU:HD23	0.46	1.85	17	2
1:A:99:PHE:CZ	1:A:105:GLN:CD	0.46	2.94	19	2
1:A:9:ILE:CD1	1:A:131:LEU:HD22	0.46	2.41	13	1
1:A:181:GLN:OE1	1:A:182:LEU:HD23	0.46	2.10	17	1
1:A:159:GLN:O	1:A:163:GLU:OE2	0.46	2.32	19	1
1:A:87:ASN:HA	1:A:90:LYS:CG	0.46	2.40	9	9
1:A:23:CYS:O	1:A:27:LEU:CB	0.46	2.63	12	1
1:A:89:LEU:CA	1:A:94:LEU:CD1	0.46	2.93	12	1
1:A:131:LEU:HD12	1:A:136:PHE:CG	0.46	2.44	15	1
1:A:9:ILE:O	1:A:10:PHE:HB2	0.46	2.10	10	6

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:37:GLU:O	1:A:41:ILE:N	0.46	2.39	1	2
1:A:53:MET:SD	1:A:63:TYR:CE1	0.46	3.08	1	1
1:A:134:GLN:NE2	1:A:148:ILE:O	0.46	2.48	1	1
1:A:104:TYR:CB	1:A:109:ILE:HD13	0.46	2.40	2	1
1:A:39:SER:HA	1:A:74:MET:CE	0.46	2.40	3	1
1:A:142:LEU:N	1:A:142:LEU:HD22	0.46	2.25	3	5
1:A:174:LEU:CD1	1:A:175:PRO:HD2	0.46	2.39	13	6
1:A:176:ASP:C	1:A:176:ASP:OD1	0.46	2.58	6	1
1:A:45:LEU:O	1:A:49:GLU:HB3	0.46	2.11	18	3
1:A:114:GLU:OE2	1:A:115:ARG:CZ	0.46	2.62	19	1
1:A:23:CYS:SG	1:A:138:LEU:O	0.46	2.73	20	1
1:A:59:THR:C	1:A:61:GLU:H	0.46	2.18	8	7
1:A:59:THR:C	1:A:61:GLU:N	0.46	2.74	10	7
1:A:133:LYS:O	1:A:134:GLN:CD	0.46	2.59	6	1
1:A:103:GLU:O	1:A:107:LEU:HG	0.46	2.10	16	4
1:A:44:GLN:CG	1:A:45:LEU:N	0.46	2.76	9	1
1:A:49:GLU:OE1	1:A:53:MET:SD	0.46	2.73	19	1
1:A:50:ARG:O	1:A:54:ALA:HB2	0.46	2.11	11	10
1:A:39:SER:N	1:A:80:PHE:CE1	0.46	2.84	18	2
1:A:28:LEU:C	1:A:29:GLN:HG2	0.46	2.35	6	1
1:A:130:LYS:HD2	1:A:135:TRP:CD2	0.46	2.46	7	1
1:A:11:HIS:NE2	1:A:25:ASN:HB2	0.46	2.25	9	1
1:A:19:CYS:SG	1:A:21:GLN:HB3	0.46	2.50	12	3
1:A:99:PHE:CE1	1:A:105:GLN:OE1	0.46	2.68	12	1
1:A:9:ILE:HD13	1:A:131:LEU:HD13	0.46	1.87	13	1
1:A:30:GLY:O	1:A:31:GLU:C	0.46	2.58	14	1
1:A:96:LEU:CD2	1:A:96:LEU:C	0.46	2.88	13	4
1:A:87:ASN:O	1:A:91:VAL:CG1	0.46	2.56	8	4
1:A:21:GLN:NE2	1:A:33:PHE:O	0.46	2.49	5	1
1:A:112:ILE:C	1:A:114:GLU:N	0.46	2.71	13	4
1:A:49:GLU:O	1:A:53:MET:CB	0.46	2.64	6	4
1:A:63:TYR:O	1:A:67:LEU:N	0.46	2.46	9	1
1:A:94:LEU:C	1:A:94:LEU:HD13	0.46	2.35	13	1
1:A:121:TYR:O	1:A:124:HIS:O	0.46	2.34	15	1
1:A:21:GLN:NE2	1:A:24:LEU:CD2	0.46	2.79	20	1
1:A:121:TYR:CD1	1:A:122:LYS:HB2	0.46	2.45	14	4
1:A:22:HIS:O	1:A:26:ASN:OD1	0.46	2.33	2	3
1:A:67:LEU:C	1:A:69:GLN:N	0.46	2.73	3	9
1:A:110:ASP:HB2	1:A:113:ASN:CG	0.46	2.36	10	4
1:A:111:PRO:HB2	1:A:157:LEU:CD2	0.46	2.41	17	4
1:A:119:CYS:SG	1:A:167:ILE:HG23	0.46	2.51	11	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:99:PHE:CD1	1:A:117:PHE:CZ	0.46	3.04	18	2
1:A:9:ILE:HG13	1:A:182:LEU:HD13	0.46	1.87	18	1
1:A:66:PHE:CE1	1:A:83:GLN:OE1	0.46	2.69	2	3
1:A:142:LEU:N	1:A:142:LEU:CD1	0.46	2.78	10	2
1:A:95:GLU:N	1:A:95:GLU:OE1	0.46	2.49	11	1
1:A:8:SER:C	1:A:182:LEU:HD21	0.46	2.36	14	1
1:A:88:ALA:O	1:A:92:TRP:CD1	0.46	2.69	17	7
1:A:117:PHE:CE2	1:A:157:LEU:HD21	0.46	2.46	9	1
1:A:158:ALA:O	1:A:162:GLN:NE2	0.46	2.47	11	1
1:A:21:GLN:NE2	1:A:38:LEU:HD21	0.46	2.26	1	1
1:A:30:GLY:CA	1:A:32:TYR:CE2	0.46	2.99	6	2
1:A:57:GLY:O	1:A:58:VAL:C	0.46	2.59	19	4
1:A:155:LEU:C	1:A:155:LEU:CD2	0.46	2.85	19	15
1:A:6:MET:CG	1:A:9:ILE:HD12	0.46	2.41	5	2
1:A:41:ILE:CG2	1:A:42:ALA:N	0.46	2.79	18	8
1:A:73:ASN:C	1:A:74:MET:HG2	0.46	2.36	8	1
1:A:88:ALA:HA	1:A:91:VAL:CG2	0.46	2.41	10	6
1:A:100:ASN:HB3	1:A:165:TYR:CE2	0.46	2.45	11	1
1:A:45:LEU:CG	1:A:87:ASN:ND2	0.46	2.79	16	1
1:A:99:PHE:CD2	1:A:117:PHE:HZ	0.46	2.25	20	1
1:A:134:GLN:NE2	1:A:134:GLN:HA	0.45	2.26	1	3
1:A:66:PHE:CD1	1:A:69:GLN:HG3	0.45	2.46	14	2
1:A:112:ILE:HG21	1:A:150:ASP:O	0.45	2.11	11	6
1:A:21:GLN:OE1	1:A:25:ASN:OD1	0.45	2.34	16	3
1:A:89:LEU:HD13	1:A:94:LEU:HD12	0.45	1.83	9	2
1:A:129:ARG:NH2	1:A:177:CYS:SG	0.45	2.88	15	1
1:A:21:GLN:OE1	1:A:21:GLN:HA	0.45	2.11	20	1
1:A:70:PRO:O	1:A:72:GLY:N	0.45	2.50	7	1
1:A:52:ARG:HD3	1:A:53:MET:N	0.45	2.26	8	4
1:A:96:LEU:HD21	1:A:168:PHE:CB	0.45	2.40	11	3
1:A:114:GLU:OE2	1:A:170:VAL:O	0.45	2.34	19	2
1:A:64:ARG:HD2	1:A:67:LEU:HD12	0.45	1.88	13	3
1:A:21:GLN:OE1	1:A:34:SER:C	0.45	2.59	17	3
1:A:66:PHE:O	1:A:69:GLN:HG2	0.45	2.10	14	2
1:A:131:LEU:CB	1:A:136:PHE:CD2	0.45	2.99	5	1
1:A:120:ASN:HB3	1:A:166:SER:HB3	0.45	1.89	15	2
1:A:28:LEU:HG	1:A:92:TRP:CZ3	0.45	2.46	3	3
1:A:38:LEU:CD2	1:A:80:PHE:CD2	0.45	2.95	2	1
1:A:21:GLN:NE2	1:A:25:ASN:OD1	0.45	2.49	4	1
1:A:29:GLN:NE2	1:A:175:PRO:O	0.45	2.49	6	1
1:A:117:PHE:CD2	1:A:153:LEU:HD11	0.45	2.47	9	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:74:MET:HE1	1:A:80:PHE:CE2	0.45	2.47	20	2
1:A:176:ASP:CB	1:A:180:ASP:CG	0.45	2.90	13	1
1:A:104:TYR:CA	1:A:109:ILE:HD13	0.45	2.42	20	2
1:A:39:SER:OG	1:A:74:MET:HE3	0.45	2.11	19	1
1:A:19:CYS:SG	1:A:79:PHE:HA	0.45	2.52	3	1
1:A:88:ALA:CA	1:A:91:VAL:HG22	0.45	2.42	10	9
1:A:94:LEU:HD22	1:A:170:VAL:CG1	0.45	2.42	12	3
1:A:122:LYS:O	1:A:123:GLU:HB3	0.45	2.12	4	1
1:A:85:ILE:O	1:A:89:LEU:HD22	0.45	2.12	6	1
1:A:133:LYS:O	1:A:134:GLN:OE1	0.45	2.35	6	1
1:A:157:LEU:C	1:A:160:LEU:CD1	0.45	2.90	11	2
1:A:120:ASN:CG	1:A:166:SER:OG	0.45	2.59	17	1
1:A:111:PRO:HG2	1:A:154:ALA:CB	0.45	2.42	20	2
1:A:28:LEU:O	1:A:29:GLN:OE1	0.45	2.34	20	1
1:A:11:HIS:CG	1:A:26:ASN:HA	0.45	2.47	3	4
1:A:113:ASN:O	1:A:115:ARG:N	0.45	2.50	2	1
1:A:117:PHE:CE2	1:A:153:LEU:HD21	0.45	2.47	7	4
1:A:21:GLN:CB	1:A:38:LEU:HD12	0.45	2.38	3	1
1:A:163:GLU:OE1	1:A:163:GLU:O	0.45	2.35	14	2
1:A:138:LEU:CD2	1:A:145:PRO:HA	0.45	2.41	6	1
1:A:121:TYR:CZ	1:A:122:LYS:HE3	0.45	2.47	16	1
1:A:124:HIS:NE2	1:A:139:ASN:OD1	0.45	2.49	16	1
1:A:46:ASP:O	1:A:50:ARG:HB3	0.45	2.11	19	7
1:A:90:LYS:CG	1:A:91:VAL:N	0.45	2.80	19	4
1:A:135:TRP:CD1	1:A:150:ASP:HA	0.45	2.47	4	1
1:A:66:PHE:O	1:A:69:GLN:N	0.45	2.37	7	3
1:A:42:ALA:O	1:A:45:LEU:CD1	0.45	2.64	9	1
1:A:21:GLN:CG	1:A:33:PHE:CE2	0.45	3.00	14	1
1:A:26:ASN:O	1:A:129:ARG:NH2	0.45	2.50	15	1
1:A:120:ASN:CG	1:A:125:TRP:HB3	0.45	2.37	15	1
1:A:157:LEU:HA	1:A:160:LEU:CD2	0.45	2.42	9	16
1:A:139:ASN:OD1	1:A:141:LEU:HD23	0.45	2.11	2	1
1:A:139:ASN:OD1	1:A:140:SER:N	0.45	2.50	2	1
1:A:108:ARG:CG	1:A:108:ARG:O	0.45	2.64	19	4
1:A:115:ARG:HD3	1:A:170:VAL:O	0.45	2.12	18	1
1:A:21:GLN:OE1	1:A:21:GLN:O	0.45	2.35	1	1
1:A:32:TYR:CD1	1:A:32:TYR:N	0.45	2.84	2	3
1:A:163:GLU:HG3	1:A:164:GLY:N	0.45	2.27	3	9
1:A:98:LEU:HA	1:A:168:PHE:HA	0.45	1.89	16	4
1:A:66:PHE:C	1:A:68:GLN:H	0.45	2.17	9	1
1:A:135:TRP:N	1:A:135:TRP:CD2	0.45	2.85	4	2

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:87:ASN:N	1:A:87:ASN:HD22	0.45	2.08	15	2
1:A:98:LEU:CD2	1:A:100:ASN:ND2	0.45	2.80	14	2
1:A:130:LYS:HE3	1:A:135:TRP:CD1	0.45	2.46	17	1
1:A:20:ALA:C	1:A:22:HIS:N	0.44	2.72	1	5
1:A:137:ASN:ND2	1:A:142:LEU:HB3	0.44	2.28	2	1
1:A:5:SER:HA	1:A:182:LEU:HD13	0.44	1.88	3	1
1:A:89:LEU:HG	1:A:94:LEU:CD1	0.44	2.42	13	3
1:A:107:LEU:C	1:A:108:ARG:CG	0.44	2.90	11	13
1:A:79:PHE:CD1	1:A:79:PHE:O	0.44	2.70	11	1
1:A:118:ILE:O	1:A:167:ILE:HA	0.44	2.11	19	2
1:A:135:TRP:CZ2	1:A:150:ASP:HB2	0.44	2.48	20	1
1:A:18:LEU:CD2	1:A:19:CYS:H	0.44	2.25	3	1
1:A:45:LEU:CD1	1:A:49:GLU:CG	0.44	2.95	4	1
1:A:23:CYS:SG	1:A:138:LEU:HD12	0.44	2.52	7	1
1:A:131:LEU:O	1:A:133:LYS:N	0.44	2.50	18	1
1:A:58:VAL:O	1:A:62:ASP:HB2	0.44	2.12	9	5
1:A:38:LEU:HD23	1:A:80:PHE:HD2	0.44	1.67	2	1
1:A:131:LEU:CD1	1:A:131:LEU:C	0.44	2.90	2	1
1:A:18:LEU:HD12	1:A:18:LEU:C	0.44	2.38	18	3
1:A:63:TYR:O	1:A:67:LEU:HG	0.44	2.12	20	3
1:A:82:ILE:CD1	1:A:96:LEU:HD11	0.44	2.42	10	1
1:A:131:LEU:HD23	1:A:136:PHE:CZ	0.44	2.46	10	1
1:A:21:GLN:OE1	1:A:38:LEU:CD2	0.44	2.64	20	1
1:A:47:GLU:O	1:A:51:MET:CE	0.44	2.65	20	1
1:A:120:ASN:HB3	1:A:166:SER:CB	0.44	2.43	15	6
1:A:21:GLN:CB	1:A:33:PHE:CZ	0.44	3.00	2	1
1:A:100:ASN:HA	1:A:161:GLN:NE2	0.44	2.28	2	6
1:A:75:ASP:HB2	1:A:79:PHE:O	0.44	2.13	3	2
1:A:82:ILE:CD1	1:A:96:LEU:HD21	0.44	2.42	18	2
1:A:183:LEU:HG	1:A:184:GLN:N	0.44	2.27	16	1
1:A:160:LEU:HD21	1:A:167:ILE:CD1	0.44	2.42	19	2
1:A:30:GLY:CA	1:A:32:TYR:CE1	0.44	3.00	2	1
1:A:48:GLU:OE1	1:A:48:GLU:N	0.44	2.50	9	1
1:A:97:ILE:CD1	1:A:169:VAL:HG22	0.44	2.41	12	1
1:A:135:TRP:CE3	1:A:148:ILE:O	0.44	2.71	17	4
1:A:163:GLU:OE2	1:A:163:GLU:N	0.44	2.50	19	1
1:A:139:ASN:H	1:A:142:LEU:HD21	0.44	1.72	7	2
1:A:67:LEU:C	1:A:70:PRO:HD2	0.44	2.37	9	1
1:A:48:GLU:O	1:A:52:ARG:HB3	0.44	2.12	17	4
1:A:122:LYS:C	1:A:123:GLU:OE1	0.44	2.61	10	1
1:A:104:TYR:HB3	1:A:109:ILE:CD1	0.44	2.40	12	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:37:GLU:O	1:A:41:ILE:HB	0.44	2.12	1	1
1:A:58:VAL:CG2	1:A:63:TYR:HB2	0.44	2.42	2	5
1:A:74:MET:CG	1:A:75:ASP:H	0.44	2.26	3	1
1:A:5:SER:CB	1:A:182:LEU:HB3	0.44	2.43	10	2
1:A:110:ASP:O	1:A:113:ASN:ND2	0.44	2.48	8	1
1:A:49:GLU:CD	1:A:66:PHE:CE1	0.44	2.96	18	1
1:A:114:GLU:OE1	1:A:114:GLU:N	0.44	2.51	20	1
1:A:11:HIS:CD2	1:A:26:ASN:ND2	0.44	2.86	9	1
1:A:164:GLY:O	1:A:165:TYR:HB2	0.44	2.12	19	4
1:A:49:GLU:CD	1:A:66:PHE:CZ	0.44	2.96	16	1
1:A:53:MET:HB2	1:A:58:VAL:CG1	0.44	2.42	18	1
1:A:22:HIS:CD2	1:A:22:HIS:C	0.44	2.96	19	1
1:A:134:GLN:HB3	1:A:136:PHE:CE1	0.44	2.47	6	1
1:A:11:HIS:CE1	1:A:25:ASN:C	0.44	2.96	9	1
1:A:24:LEU:HD11	1:A:89:LEU:HD13	0.44	1.89	13	1
1:A:36:VAL:O	1:A:39:SER:OG	0.44	2.33	16	1
1:A:28:LEU:HD11	1:A:89:LEU:HD22	0.44	1.89	17	1
1:A:43:HIS:CD2	1:A:43:HIS:N	0.43	2.86	10	3
1:A:29:GLN:O	1:A:29:GLN:CD	0.43	2.61	15	1
1:A:181:GLN:O	1:A:184:GLN:O	0.43	2.36	16	1
1:A:53:MET:HG3	1:A:58:VAL:HG11	0.43	1.87	18	1
1:A:38:LEU:HD12	1:A:80:PHE:CD2	0.43	2.49	12	2
1:A:49:GLU:C	1:A:49:GLU:CD	0.43	2.86	8	1
1:A:111:PRO:HB2	1:A:157:LEU:HD12	0.43	1.89	8	1
1:A:5:SER:C	1:A:7:GLU:H	0.43	2.19	9	2
1:A:157:LEU:N	1:A:157:LEU:CD1	0.43	2.80	11	4
1:A:134:GLN:HB2	1:A:136:PHE:CE1	0.43	2.48	14	2
1:A:114:GLU:OE1	1:A:115:ARG:N	0.43	2.50	16	1
1:A:113:ASN:OD1	1:A:113:ASN:O	0.43	2.37	3	3
1:A:127:THR:O	1:A:138:LEU:O	0.43	2.36	4	1
1:A:19:CYS:C	1:A:21:GLN:N	0.43	2.75	14	4
1:A:100:ASN:HB3	1:A:165:TYR:CD2	0.43	2.48	11	1
1:A:72:GLY:C	1:A:73:ASN:CG	0.43	2.86	13	1
1:A:84:VAL:CG1	1:A:85:ILE:HD12	0.43	2.44	20	2
1:A:134:GLN:O	1:A:136:PHE:CE1	0.43	2.71	13	1
1:A:114:GLU:OE2	1:A:170:VAL:N	0.43	2.51	16	1
1:A:107:LEU:C	1:A:108:ARG:HG2	0.43	2.38	14	11
1:A:87:ASN:O	1:A:91:VAL:HB	0.43	2.14	5	1
1:A:139:ASN:HB3	1:A:142:LEU:HD11	0.43	1.89	7	1
1:A:127:THR:O	1:A:138:LEU:N	0.43	2.46	10	1
1:A:75:ASP:CA	1:A:79:PHE:O	0.43	2.66	11	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:114:GLU:OE2	1:A:169:VAL:HG13	0.43	2.13	17	1
1:A:38:LEU:HB2	1:A:80:PHE:CE1	0.43	2.48	19	1
1:A:155:LEU:C	1:A:155:LEU:CD1	0.43	2.90	10	5
1:A:45:LEU:HD12	1:A:49:GLU:HG2	0.43	1.89	4	1
1:A:137:ASN:O	1:A:138:LEU:CD2	0.43	2.67	6	1
1:A:115:ARG:HD3	1:A:115:ARG:C	0.43	2.38	12	5
1:A:58:VAL:HG22	1:A:63:TYR:H	0.43	1.74	16	2
1:A:11:HIS:NE2	1:A:30:GLY:HA2	0.43	2.28	18	1
1:A:115:ARG:CD	1:A:170:VAL:O	0.43	2.67	18	1
1:A:156:PHE:CD2	1:A:157:LEU:CD1	0.43	3.01	20	1
1:A:45:LEU:O	1:A:49:GLU:HG3	0.43	2.13	13	1
1:A:96:LEU:HD21	1:A:168:PHE:HB3	0.43	1.90	20	2
1:A:29:GLN:OE1	1:A:30:GLY:N	0.43	2.50	20	1
1:A:53:MET:SD	1:A:63:TYR:CZ	0.43	3.12	1	1
1:A:169:VAL:O	1:A:169:VAL:CG1	0.43	2.66	1	1
1:A:115:ARG:CZ	1:A:169:VAL:HG13	0.43	2.44	2	1
1:A:126:PHE:CZ	1:A:141:LEU:HD23	0.43	2.49	9	1
1:A:24:LEU:CG	1:A:85:ILE:HG13	0.43	2.44	15	1
1:A:94:LEU:HG	1:A:173:ASP:O	0.43	2.14	18	1
1:A:134:GLN:OE1	1:A:150:ASP:OD1	0.43	2.37	3	2
1:A:19:CYS:SG	1:A:21:GLN:HB2	0.43	2.53	4	2
1:A:11:HIS:CE1	1:A:30:GLY:H	0.43	2.31	5	2
1:A:20:ALA:O	1:A:23:CYS:N	0.43	2.52	5	1
1:A:105:GLN:OE1	1:A:109:ILE:O	0.43	2.36	8	2
1:A:132:GLY:CA	1:A:183:LEU:HB2	0.43	2.44	8	1
1:A:11:HIS:CA	1:A:26:ASN:OD1	0.43	2.66	9	1
1:A:39:SER:OG	1:A:74:MET:SD	0.43	2.75	11	1
1:A:157:LEU:C	1:A:160:LEU:HD12	0.43	2.38	17	2
1:A:35:PRO:CA	1:A:80:PHE:CZ	0.43	3.01	15	1
1:A:139:ASN:OD1	1:A:141:LEU:HB3	0.43	2.14	15	1
1:A:87:ASN:O	1:A:91:VAL:HG22	0.43	2.14	17	2
1:A:181:GLN:C	1:A:181:GLN:OE1	0.43	2.62	17	1
1:A:96:LEU:HD12	1:A:169:VAL:C	0.43	2.39	18	1
1:A:114:GLU:OE2	1:A:115:ARG:NH1	0.43	2.51	19	1
1:A:175:PRO:O	1:A:176:ASP:O	0.43	2.37	7	2
1:A:83:GLN:O	1:A:87:ASN:CG	0.43	2.62	9	1
1:A:114:GLU:HG3	1:A:169:VAL:CG2	0.43	2.43	19	2
1:A:53:MET:CB	1:A:58:VAL:CG1	0.43	2.97	18	1
1:A:134:GLN:CB	1:A:147:LEU:HD21	0.43	2.44	20	1
1:A:87:ASN:C	1:A:90:LYS:HG3	0.43	2.39	10	5
1:A:114:GLU:HG3	1:A:169:VAL:HG12	0.43	1.89	8	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:138:LEU:HD13	1:A:139:ASN:N	0.43	2.29	10	1
1:A:83:GLN:NE2	1:A:83:GLN:HA	0.43	2.28	11	1
1:A:87:ASN:ND2	1:A:87:ASN:H	0.43	2.10	15	2
1:A:29:GLN:O	1:A:177:CYS:SG	0.43	2.76	17	1
1:A:160:LEU:CG	1:A:167:ILE:HD11	0.43	2.44	18	1
1:A:45:LEU:HD22	1:A:87:ASN:CG	0.42	2.39	8	1
1:A:69:GLN:HG2	1:A:98:LEU:CD2	0.42	2.44	9	1
1:A:117:PHE:CE1	1:A:118:ILE:O	0.42	2.72	2	2
1:A:105:GLN:HA	1:A:109:ILE:HB	0.42	1.91	3	3
1:A:73:ASN:C	1:A:74:MET:O	0.42	2.62	14	2
1:A:10:PHE:CD2	1:A:26:ASN:OD1	0.42	2.72	6	1
1:A:11:HIS:ND1	1:A:29:GLN:HA	0.42	2.30	6	1
1:A:81:SER:O	1:A:84:VAL:CG1	0.42	2.67	14	2
1:A:122:LYS:CA	1:A:122:LYS:HE2	0.42	2.44	7	1
1:A:34:SER:HB3	1:A:35:PRO:CD	0.42	2.44	14	1
1:A:90:LYS:C	1:A:90:LYS:HE2	0.42	2.39	18	2
1:A:70:PRO:O	1:A:71:SER:O	0.42	2.37	19	1
1:A:183:LEU:HD22	1:A:183:LEU:C	0.42	2.39	20	1
1:A:59:THR:O	1:A:60:SER:CB	0.42	2.66	12	6
1:A:44:GLN:O	1:A:48:GLU:HB2	0.42	2.15	15	3
1:A:98:LEU:CD1	1:A:100:ASN:ND2	0.42	2.80	11	2
1:A:9:ILE:HG12	1:A:131:LEU:HD21	0.42	1.91	17	1
1:A:64:ARG:HD3	1:A:64:ARG:N	0.42	2.29	4	2
1:A:53:MET:O	1:A:58:VAL:CB	0.42	2.68	6	1
1:A:132:GLY:HA2	1:A:183:LEU:HD23	0.42	1.91	7	1
1:A:103:GLU:O	1:A:107:LEU:CG	0.42	2.67	8	2
1:A:129:ARG:NH2	1:A:138:LEU:HD23	0.42	2.28	8	1
1:A:130:LYS:HB2	1:A:135:TRP:CE3	0.42	2.50	8	1
1:A:139:ASN:ND2	1:A:140:SER:OG	0.42	2.52	8	1
1:A:80:PHE:O	1:A:125:TRP:NE1	0.42	2.48	17	1
1:A:183:LEU:HD13	1:A:184:GLN:CB	0.42	2.42	1	1
1:A:52:ARG:O	1:A:56:GLY:CA	0.42	2.67	17	3
1:A:131:LEU:C	1:A:131:LEU:HD12	0.42	2.38	2	1
1:A:49:GLU:OE2	1:A:53:MET:SD	0.42	2.78	15	1
1:A:121:TYR:CD2	1:A:124:HIS:O	0.42	2.73	15	1
1:A:115:ARG:NH2	1:A:171:LYS:HB3	0.42	2.29	19	1
1:A:155:LEU:HD22	1:A:159:GLN:CG	0.42	2.44	20	1
1:A:58:VAL:HG23	1:A:63:TYR:N	0.42	2.29	20	4
1:A:131:LEU:HD21	1:A:179:ALA:HB1	0.42	1.91	2	1
1:A:155:LEU:O	1:A:159:GLN:HG2	0.42	2.13	13	6
1:A:84:VAL:HA	1:A:87:ASN:OD1	0.42	2.14	4	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:52:ARG:HG3	1:A:53:MET:H	0.42	1.75	6	1
1:A:180:ASP:OD1	1:A:180:ASP:C	0.42	2.63	12	1
1:A:112:ILE:HG22	1:A:135:TRP:CE2	0.42	2.50	14	1
1:A:111:PRO:O	1:A:114:GLU:OE2	0.42	2.38	20	1
1:A:104:TYR:HB3	1:A:109:ILE:HD13	0.42	1.92	2	1
1:A:30:GLY:C	1:A:32:TYR:CZ	0.42	2.97	6	1
1:A:53:MET:O	1:A:58:VAL:CG1	0.42	2.67	6	1
1:A:120:ASN:HB3	1:A:166:SER:OG	0.42	2.14	17	2
1:A:129:ARG:NH2	1:A:180:ASP:CG	0.42	2.78	10	1
1:A:114:GLU:HB2	1:A:117:PHE:CE1	0.42	2.48	12	1
1:A:18:LEU:HD12	1:A:19:CYS:HB3	0.42	1.89	19	2
1:A:11:HIS:CD2	1:A:29:GLN:O	0.42	2.72	18	1
1:A:131:LEU:HD22	1:A:136:PHE:CE1	0.42	2.49	1	1
1:A:134:GLN:HB3	1:A:147:LEU:CD1	0.42	2.45	14	2
1:A:115:ARG:O	1:A:130:LYS:HB2	0.42	2.15	4	1
1:A:25:ASN:ND2	1:A:31:GLU:HA	0.42	2.30	7	2
1:A:117:PHE:O	1:A:128:VAL:CB	0.42	2.68	11	1
1:A:10:PHE:O	1:A:26:ASN:OD1	0.42	2.37	19	1
1:A:11:HIS:HB2	1:A:26:ASN:CB	0.42	2.45	1	2
1:A:114:GLU:HA	1:A:135:TRP:CZ3	0.42	2.50	2	1
1:A:30:GLY:O	1:A:31:GLU:OE1	0.42	2.38	6	1
1:A:33:PHE:CE2	1:A:92:TRP:NE1	0.42	2.87	11	1
1:A:21:GLN:CB	1:A:38:LEU:HD22	0.42	2.45	13	1
1:A:64:ARG:NH1	1:A:64:ARG:HB2	0.42	2.29	20	1
1:A:11:HIS:HB2	1:A:26:ASN:HA	0.42	1.90	2	1
1:A:5:SER:CA	1:A:182:LEU:HD13	0.42	2.44	3	1
1:A:100:ASN:OD1	1:A:167:ILE:N	0.42	2.53	4	1
1:A:121:TYR:HB3	1:A:126:PHE:CZ	0.42	2.50	8	2
1:A:69:GLN:N	1:A:70:PRO:HD2	0.42	2.29	9	1
1:A:114:GLU:OE1	1:A:115:ARG:NE	0.42	2.50	15	1
1:A:82:ILE:HG12	1:A:125:TRP:CZ2	0.41	2.50	5	4
1:A:21:GLN:HB2	1:A:38:LEU:CD2	0.41	2.44	8	1
1:A:51:MET:O	1:A:55:GLU:HG3	0.41	2.15	18	3
1:A:148:ILE:CG2	1:A:153:LEU:HB2	0.41	2.45	15	2
1:A:157:LEU:HB3	1:A:167:ILE:HD13	0.41	1.91	14	1
1:A:29:GLN:CD	1:A:177:CYS:HA	0.41	2.39	16	1
1:A:11:HIS:CD2	1:A:11:HIS:O	0.41	2.73	3	1
1:A:110:ASP:CB	1:A:113:ASN:HB2	0.41	2.44	4	3
1:A:99:PHE:HB2	1:A:169:VAL:CG1	0.41	2.40	6	1
1:A:99:PHE:CD2	1:A:117:PHE:HE2	0.41	2.32	10	1
1:A:126:PHE:HB3	1:A:141:LEU:CD2	0.41	2.45	11	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:29:GLN:CB	1:A:177:CYS:HB3	0.41	2.45	14	1
1:A:28:LEU:O	1:A:29:GLN:HG3	0.41	2.15	15	1
1:A:53:MET:HG3	1:A:58:VAL:CG1	0.41	2.45	18	1
1:A:114:GLU:CD	1:A:115:ARG:NH1	0.41	2.78	19	1
1:A:34:SER:HB2	1:A:35:PRO:HD2	0.41	1.91	2	1
1:A:136:PHE:CE1	1:A:147:LEU:HD21	0.41	2.50	4	1
1:A:175:PRO:C	1:A:176:ASP:O	0.41	2.63	4	2
1:A:55:GLU:C	1:A:57:GLY:H	0.41	2.23	12	1
1:A:21:GLN:CD	1:A:33:PHE:HB3	0.41	2.41	13	1
1:A:136:PHE:CE2	1:A:147:LEU:HA	0.41	2.49	13	1
1:A:24:LEU:HD11	1:A:85:ILE:CG1	0.41	2.38	15	1
1:A:156:PHE:CD1	1:A:156:PHE:O	0.41	2.74	7	2
1:A:110:ASP:HB3	1:A:113:ASN:CG	0.41	2.39	10	1
1:A:94:LEU:H	1:A:94:LEU:HD23	0.41	1.75	14	1
1:A:181:GLN:OE1	1:A:182:LEU:N	0.41	2.53	17	1
1:A:96:LEU:CD2	1:A:169:VAL:C	0.41	2.93	19	1
1:A:130:LYS:C	1:A:131:LEU:HD22	0.41	2.40	20	1
1:A:130:LYS:HA	1:A:134:GLN:O	0.41	2.16	14	2
1:A:72:GLY:O	1:A:81:SER:CB	0.41	2.68	7	1
1:A:100:ASN:OD1	1:A:167:ILE:CG1	0.41	2.68	17	2
1:A:30:GLY:C	1:A:31:GLU:HG3	0.41	2.41	14	1
1:A:19:CYS:HB2	1:A:80:PHE:CD2	0.41	2.49	3	1
1:A:121:TYR:O	1:A:122:LYS:O	0.41	2.38	4	2
1:A:86:SER:O	1:A:90:LYS:HG2	0.41	2.16	5	1
1:A:5:SER:O	1:A:182:LEU:CD1	0.41	2.67	6	1
1:A:136:PHE:CE2	1:A:147:LEU:CD1	0.41	3.03	6	1
1:A:165:TYR:O	1:A:166:SER:OG	0.41	2.38	9	1
1:A:24:LEU:HD13	1:A:85:ILE:HG12	0.41	1.92	10	1
1:A:22:HIS:CD2	1:A:23:CYS:N	0.41	2.88	11	2
1:A:95:GLU:OE1	1:A:171:LYS:O	0.41	2.39	11	1
1:A:42:ALA:HB2	1:A:84:VAL:CG2	0.41	2.41	20	2
1:A:139:ASN:O	1:A:140:SER:HB2	0.41	2.11	16	1
1:A:112:ILE:HA	1:A:153:LEU:HD12	0.41	1.92	18	1
1:A:53:MET:HG3	1:A:54:ALA:N	0.41	2.29	18	3
1:A:115:ARG:NH1	1:A:169:VAL:HG22	0.41	2.30	2	1
1:A:28:LEU:HD21	1:A:89:LEU:HD22	0.41	1.93	4	1
1:A:10:PHE:CZ	1:A:178:GLU:OE2	0.41	2.73	7	1
1:A:115:ARG:HD3	1:A:116:SER:CB	0.41	2.45	7	1
1:A:114:GLU:HB2	1:A:117:PHE:CD1	0.41	2.51	12	1
1:A:53:MET:HB3	1:A:58:VAL:HB	0.41	1.91	16	1
1:A:183:LEU:O	1:A:184:GLN:HG3	0.41	2.16	16	1

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:99:PHE:HB2	1:A:169:VAL:HG23	0.41	1.92	17	1
1:A:88:ALA:C	1:A:91:VAL:HG22	0.41	2.40	18	1
1:A:99:PHE:CD2	1:A:117:PHE:CE1	0.41	3.09	19	1
1:A:116:SER:HB3	1:A:170:VAL:CG1	0.41	2.45	19	1
1:A:55:GLU:HG3	1:A:56:GLY:N	0.41	2.31	2	1
1:A:115:ARG:O	1:A:130:LYS:HD3	0.41	2.14	4	1
1:A:82:ILE:O	1:A:82:ILE:HD13	0.41	2.16	5	1
1:A:40:SER:O	1:A:44:GLN:HB3	0.41	2.16	7	2
1:A:28:LEU:HD23	1:A:92:TRP:NE1	0.41	2.30	9	1
1:A:6:MET:CE	1:A:147:LEU:HG	0.41	2.45	10	1
1:A:30:GLY:N	1:A:32:TYR:CE2	0.41	2.89	10	1
1:A:130:LYS:CG	1:A:130:LYS:O	0.41	2.69	18	2
1:A:63:TYR:O	1:A:67:LEU:HD12	0.41	2.15	18	1
1:A:137:ASN:HD22	1:A:138:LEU:N	0.41	2.14	20	1
1:A:33:PHE:CD2	1:A:34:SER:O	0.41	2.74	2	1
1:A:137:ASN:HD22	1:A:142:LEU:HD12	0.41	1.76	2	1
1:A:180:ASP:HA	1:A:183:LEU:HD23	0.41	1.91	2	1
1:A:64:ARG:N	1:A:64:ARG:CD	0.41	2.82	3	1
1:A:52:ARG:HG3	1:A:53:MET:N	0.41	2.30	6	1
1:A:29:GLN:HG3	1:A:177:CYS:CB	0.41	2.45	7	1
1:A:89:LEU:HD13	1:A:170:VAL:CG2	0.41	2.46	7	1
1:A:86:SER:CB	1:A:96:LEU:HB3	0.41	2.45	8	1
1:A:119:CYS:O	1:A:125:TRP:HB2	0.41	2.15	8	1
1:A:38:LEU:HD23	1:A:80:PHE:CB	0.41	2.46	9	1
1:A:52:ARG:O	1:A:52:ARG:NE	0.41	2.54	10	1
1:A:53:MET:HG2	1:A:54:ALA:N	0.41	2.30	10	1
1:A:45:LEU:CD2	1:A:83:GLN:CB	0.41	2.99	11	1
1:A:41:ILE:HG22	1:A:84:VAL:HG23	0.41	1.89	13	1
1:A:88:ALA:O	1:A:91:VAL:HG22	0.41	2.15	13	1
1:A:49:GLU:OE2	1:A:53:MET:CE	0.41	2.68	15	1
1:A:45:LEU:C	1:A:45:LEU:HD12	0.41	2.41	17	2
1:A:45:LEU:HB2	1:A:87:ASN:OD1	0.41	2.15	18	1
1:A:59:THR:HG23	1:A:62:ASP:CG	0.41	2.41	18	1
1:A:84:VAL:CG1	1:A:85:ILE:N	0.41	2.83	20	1
1:A:156:PHE:CD2	1:A:157:LEU:HD23	0.41	2.51	4	1
1:A:114:GLU:OE2	1:A:171:LYS:CD	0.41	2.69	7	1
1:A:111:PRO:O	1:A:153:LEU:HD11	0.41	2.16	14	1
1:A:74:MET:CE	1:A:75:ASP:O	0.41	2.69	18	1
1:A:118:ILE:HB	1:A:168:PHE:HB2	0.41	1.93	19	1
1:A:49:GLU:OE1	1:A:53:MET:CE	0.40	2.69	1	1
1:A:42:ALA:HB2	1:A:84:VAL:HG11	0.40	1.90	5	2

Continued on next page...

Continued from previous page...

Atom-1	Atom-2	Clash(Å)	Distance(Å)	Models	
				Worst	Total
1:A:117:PHE:CD1	1:A:118:ILE:O	0.40	2.74	3	1
1:A:89:LEU:CB	1:A:94:LEU:CD1	0.40	2.98	12	1
1:A:46:ASP:O	1:A:50:ARG:HB2	0.40	2.16	13	2
1:A:8:SER:O	1:A:182:LEU:CD2	0.40	2.69	14	1
1:A:168:PHE:CD1	1:A:168:PHE:N	0.40	2.89	15	1
1:A:60:SER:O	1:A:63:TYR:CB	0.40	2.69	16	1
1:A:94:LEU:CD1	1:A:170:VAL:HG21	0.40	2.46	19	1
1:A:108:ARG:O	1:A:108:ARG:HG3	0.40	2.17	19	1
1:A:30:GLY:O	1:A:31:GLU:O	0.40	2.39	20	1
1:A:134:GLN:C	1:A:135:TRP:CE3	0.40	2.99	4	1
1:A:58:VAL:HG11	1:A:63:TYR:CE2	0.40	2.52	5	1
1:A:44:GLN:O	1:A:48:GLU:OE1	0.40	2.38	12	1
1:A:104:TYR:CD1	1:A:109:ILE:HD12	0.40	2.51	12	1
1:A:9:ILE:CG1	1:A:131:LEU:HD22	0.40	2.45	13	1
1:A:153:LEU:HD22	1:A:153:LEU:O	0.40	2.16	13	1
1:A:112:ILE:CD1	1:A:154:ALA:HB2	0.40	2.46	15	1
1:A:147:LEU:HD12	1:A:148:ILE:N	0.40	2.31	17	1
1:A:21:GLN:OE1	1:A:34:SER:O	0.40	2.38	4	1
1:A:142:LEU:CB	1:A:146:GLU:HB2	0.40	2.47	4	1
1:A:96:LEU:CD2	1:A:168:PHE:HB3	0.40	2.46	11	1
1:A:5:SER:O	1:A:182:LEU:HD23	0.40	2.17	14	1
1:A:6:MET:HE2	1:A:136:PHE:HE2	0.40	1.75	14	1
1:A:130:LYS:O	1:A:130:LYS:HG3	0.40	2.17	14	1
1:A:11:HIS:NE2	1:A:29:GLN:C	0.40	2.79	15	1
1:A:66:PHE:CD1	1:A:67:LEU:CD2	0.40	3.04	15	1
1:A:119:CYS:SG	1:A:128:VAL:HG21	0.40	2.56	15	1
1:A:107:LEU:O	1:A:108:ARG:HG3	0.40	2.16	16	1
1:A:74:MET:HE3	1:A:80:PHE:CE1	0.40	2.49	19	1
1:A:110:ASP:O	1:A:113:ASN:HB2	0.40	2.17	2	1
1:A:139:ASN:CG	1:A:141:LEU:HD23	0.40	2.41	2	1
1:A:21:GLN:OE1	1:A:33:PHE:O	0.40	2.38	3	1
1:A:100:ASN:OD1	1:A:167:ILE:HG13	0.40	2.17	11	1
1:A:117:PHE:CD2	1:A:157:LEU:CD2	0.40	3.05	12	1
1:A:53:MET:CE	1:A:63:TYR:CD2	0.40	3.02	15	1
1:A:21:GLN:OE1	1:A:34:SER:CA	0.40	2.69	19	1
1:A:161:GLN:HG3	1:A:167:ILE:CD1	0.40	2.46	7	1
1:A:99:PHE:CG	1:A:117:PHE:CE2	0.40	3.09	10	1
1:A:29:GLN:CB	1:A:176:ASP:O	0.40	2.69	13	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	174/190 (92%)	140±3 (80±2%)	20±3 (11±2%)	15±2 (8±1%)	1	12
All	All	3480/3800 (92%)	2791 (80%)	397 (11%)	292 (8%)	1	12

All 36 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	10	PHE	20
1	A	108	ARG	20
1	A	122	LYS	20
1	A	165	TYR	20
1	A	139	ASN	19
1	A	140	SER	18
1	A	166	SER	17
1	A	67	LEU	14
1	A	31	GLU	13
1	A	101	SER	11
1	A	100	ASN	10
1	A	58	VAL	9
1	A	124	HIS	9
1	A	74	MET	9
1	A	59	THR	8
1	A	73	ASN	8
1	A	184	GLN	8
1	A	18	LEU	7
1	A	29	GLN	6
1	A	132	GLY	6
1	A	78	GLY	6
1	A	123	GLU	4
1	A	71	SER	4
1	A	113	ASN	3
1	A	114	GLU	3
1	A	115	ARG	3
1	A	176	ASP	3

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	164	GLY	3
1	A	77	SER	2
1	A	30	GLY	2
1	A	177	CYS	2
1	A	76	ASP	1
1	A	8	SER	1
1	A	175	PRO	1
1	A	32	TYR	1
1	A	56	GLY	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	157/170 (92%)	90±5 (57±3%)	67±5 (43±3%)	0 4
All	All	3140/3400 (92%)	1802 (57%)	1338 (43%)	0 4

All 132 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	41	ILE	20
1	A	45	LEU	20
1	A	65	THR	20
1	A	79	PHE	20
1	A	82	ILE	20
1	A	85	ILE	20
1	A	98	LEU	20
1	A	107	LEU	20
1	A	109	ILE	20
1	A	112	ILE	20
1	A	127	THR	20
1	A	138	LEU	20
1	A	142	LEU	20
1	A	143	THR	20
1	A	149	SER	20
1	A	155	LEU	20

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	160	LEU	20
1	A	165	TYR	20
1	A	166	SER	20
1	A	117	PHE	19
1	A	153	LEU	19
1	A	163	GLU	19
1	A	34	SER	19
1	A	122	LYS	18
1	A	137	ASN	18
1	A	183	LEU	18
1	A	171	LYS	18
1	A	89	LEU	17
1	A	141	LEU	17
1	A	133	LYS	17
1	A	156	PHE	17
1	A	8	SER	16
1	A	90	LYS	16
1	A	121	TYR	16
1	A	33	PHE	15
1	A	39	SER	15
1	A	120	ASN	15
1	A	147	LEU	15
1	A	40	SER	15
1	A	97	ILE	14
1	A	126	PHE	14
1	A	110	ASP	14
1	A	31	GLU	13
1	A	52	ARG	13
1	A	63	TYR	13
1	A	118	ILE	13
1	A	157	LEU	13
1	A	28	LEU	12
1	A	46	ASP	12
1	A	87	ASN	12
1	A	169	VAL	12
1	A	21	GLN	12
1	A	55	GLU	12
1	A	178	GLU	12
1	A	116	SER	12
1	A	174	LEU	12
1	A	81	SER	11
1	A	96	LEU	11

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	123	GLU	11
1	A	131	LEU	11
1	A	27	LEU	11
1	A	62	ASP	11
1	A	29	GLN	10
1	A	176	ASP	10
1	A	119	CYS	10
1	A	10	PHE	9
1	A	47	GLU	9
1	A	83	GLN	9
1	A	130	LYS	9
1	A	146	GLU	9
1	A	9	ILE	9
1	A	135	TRP	9
1	A	48	GLU	9
1	A	64	ARG	8
1	A	168	PHE	8
1	A	129	ARG	8
1	A	5	SER	8
1	A	6	MET	7
1	A	60	SER	7
1	A	150	ASP	7
1	A	23	CYS	7
1	A	26	ASN	7
1	A	181	GLN	7
1	A	49	GLU	7
1	A	18	LEU	6
1	A	22	HIS	6
1	A	184	GLN	6
1	A	44	GLN	6
1	A	101	SER	6
1	A	100	ASN	6
1	A	115	ARG	6
1	A	71	SER	6
1	A	38	LEU	5
1	A	105	GLN	5
1	A	140	SER	5
1	A	11	HIS	5
1	A	77	SER	5
1	A	113	ASN	5
1	A	94	LEU	5
1	A	58	VAL	4

Continued on next page...

Continued from previous page...

Mol	Chain	Res	Type	Models (Total)
1	A	86	SER	4
1	A	32	TYR	4
1	A	134	GLN	4
1	A	59	THR	4
1	A	75	ASP	3
1	A	69	GLN	3
1	A	114	GLU	3
1	A	124	HIS	3
1	A	66	PHE	3
1	A	61	GLU	3
1	A	37	GLU	2
1	A	106	ARG	2
1	A	76	ASP	2
1	A	177	CYS	2
1	A	170	VAL	2
1	A	139	ASN	2
1	A	74	MET	2
1	A	167	ILE	2
1	A	180	ASP	2
1	A	73	ASN	2
1	A	84	VAL	2
1	A	25	ASN	2
1	A	91	VAL	1
1	A	50	ARG	1
1	A	108	ARG	1
1	A	162	GLN	1
1	A	182	LEU	1
1	A	7	GLU	1
1	A	67	LEU	1
1	A	53	MET	1
1	A	95	GLU	1
1	A	103	GLU	1

6.3.3 RNA (i)

There are no RNA molecules in this entry.

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

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

6.5 Carbohydrates

There are no oligosaccharides in this entry.

6.6 Ligand geometry

There are no ligands in this entry.

6.7 Other polymers

There are no such molecules in this entry.

6.8 Polymer linkage issues

There are no chain breaks in this entry.

7 Chemical shift validation

The completeness of assignment taking into account all chemical shift lists is 86% for the well-defined parts and 85% 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	2232
Number of shifts mapped to atoms	2232
Number of unparsed shifts	0
Number of shifts with mapping errors	0
Number of shifts with mapping warnings	0
Number of shift outliers (ShiftChecker)	10

7.1.2 Chemical shift referencing

The following table shows the suggested chemical shift referencing corrections.

Nucleus	# values	Correction ± precision, *ppm*	Suggested action
$^{13}C_{\alpha}$	185	-0.46 ± 0.11	None needed (< 0.5 ppm)
$^{13}C_{\beta}$	158	-0.09 ± 0.08	None needed (< 0.5 ppm)
$^{13}C'$	180	-0.00 ± 0.08	None needed (< 0.5 ppm)
^{15}N	175	-0.10 ± 0.29	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 86%, i.e. 2071 atoms were assigned a chemical shift out of a possible 2414. 0 out of 31 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	834/868 (96%)	338/352 (96%)	335/348 (96%)	161/168 (96%)
Sidechain	1111/1318 (84%)	771/855 (90%)	320/415 (77%)	20/48 (42%)

Continued on next page...

Continued from previous page...

	Total	^{1}H	^{13}C	^{15}N
Aromatic	126/228 (55%)	85/113 (75%)	38/108 (35%)	3/7 (43%)
Overall	2071/2414 (86%)	1194/1320 (90%)	693/871 (80%)	184/223 (83%)

The following table shows the completeness of the chemical shift assignments for the full structure. The overall completeness is 85%, i.e. 2232 atoms were assigned a chemical shift out of a possible 2628. 0 out of 33 assigned methyl groups (LEU and VAL) were assigned stereospecifically.

	Total	^{1}H	^{13}C	^{15}N
Backbone	907/949 (96%)	367/386 (95%)	365/380 (96%)	175/183 (96%)
Sidechain	1199/1451 (83%)	831/940 (88%)	347/456 (76%)	21/55 (38%)
Aromatic	126/228 (55%)	85/113 (75%)	38/108 (35%)	3/7 (43%)
Overall	2232/2628 (85%)	1283/1439 (89%)	750/944 (79%)	199/245 (81%)

7.1.4 Statistically unusual chemical shifts (i)

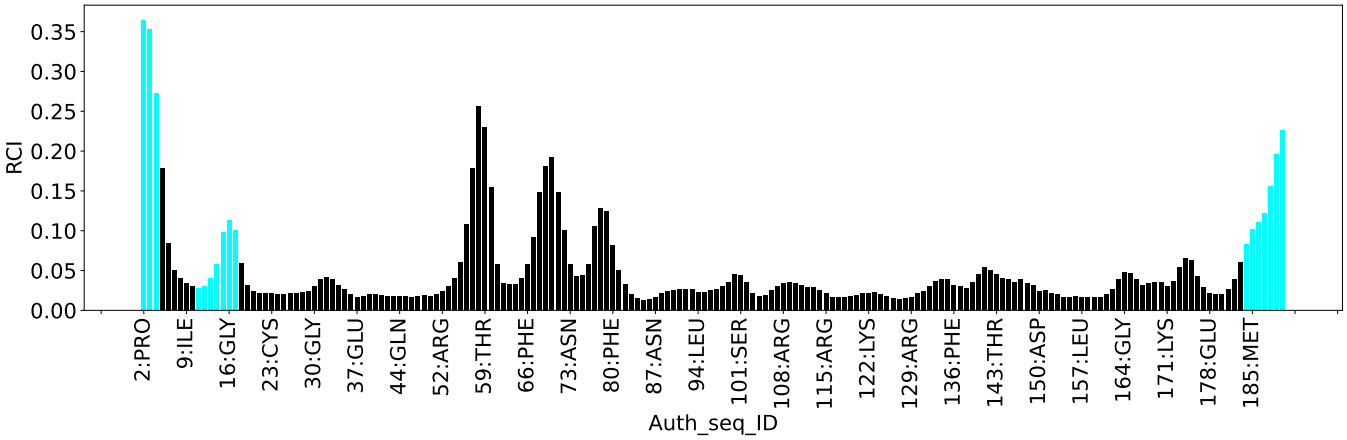
The following table lists the statistically unusual chemical shifts. These are statistical measures, and large deviations from the mean do not necessarily imply incorrect assignments. Molecules containing paramagnetic centres or hemes are expected to give rise to anomalous chemical shifts.

List Id	Chain	Res	Type	Atom	Shift, *ppm*	Expected range, *ppm*	Z-score
1	A	115	ARG	NE	119.72	76.53 – 92.65	21.8
1	A	52	ARG	NE	118.64	76.53 – 92.65	21.1
1	A	50	ARG	NE	118.33	76.53 – 92.65	20.9
1	A	130	LYS	HB3	-0.58	0.46 – 3.04	-9.0
1	A	130	LYS	HG2	-0.12	0.13 – 2.61	-6.0
1	A	153	LEU	HD11	-0.69	-0.61 – 2.12	-5.3
1	A	153	LEU	HD12	-0.69	-0.61 – 2.12	-5.3
1	A	153	LEU	HD13	-0.69	-0.61 – 2.12	-5.3
1	A	120	ASN	HB3	1.06	1.12 – 4.38	-5.2
1	A	120	ASN	HD22	4.62	4.69 – 9.61	-5.1

7.1.5 Random Coil Index (RCI) plots (i)

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:


RCI
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
2:PRO
9:ILE
16:GLY
23:CYS
30:GLY
37:GLU
44:GLN
52:ARG
59:THR
66:PHE
73:ASN
80:PHE
87:ASN
94:LEU
101:SER
108:ARG
115:ARG
122:LYS
129:ARG
136:PHE
143:THR
150:ASP
157:LEU
164:GLY
171:LYS
178:GLU
185:MET
Auth_seq_ID

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	2726
Intra-residue (|i-j|=0)	550
Sequential (|i-j|=1)	775
Medium range (|i-j|>1 and |i-j|<5)	549
Long range (|i-j|≥5)	852
Inter-chain	0
Hydrogen bond restraints	0
Disulfide bond restraints	0
Total dihedral-angle restraints	0
Number of unmapped restraints	0
Number of restraints per residue	14.3
Number of long range restraints per residue[1]	4.5

[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)	96.5	0.2
0.2-0.5 (Medium)	66.2	0.5
>0.5 (Large)	131.2	3.6

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)

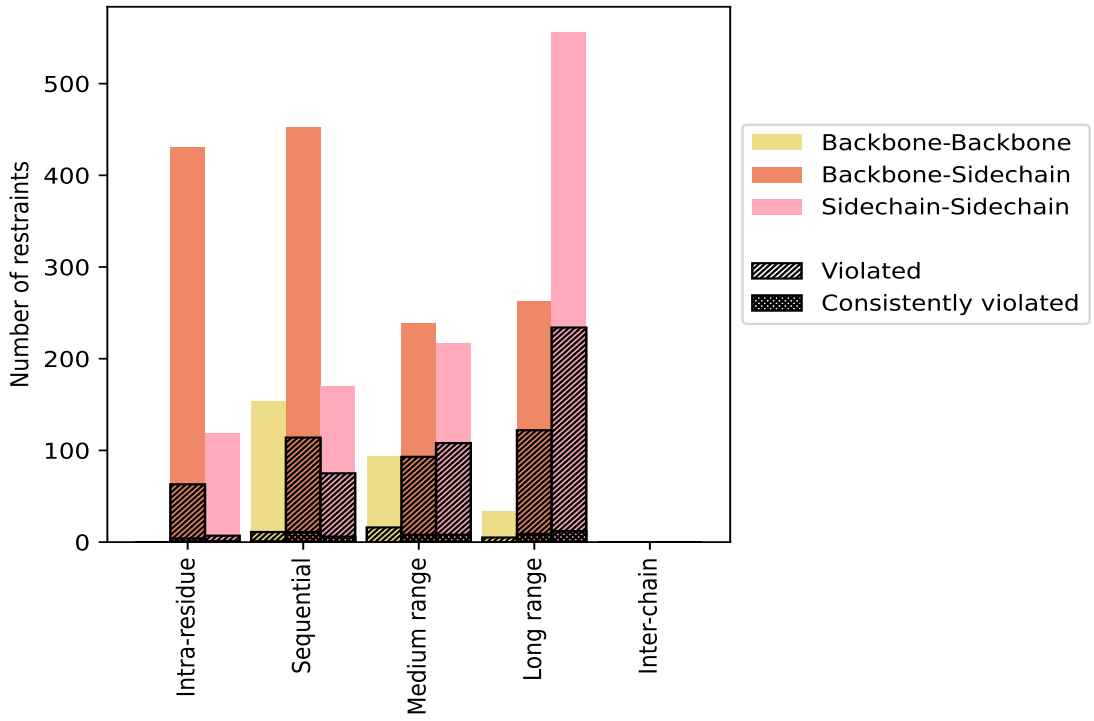
9.1 Summary of distance violations (i)

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)	550	20.2	70	12.7	2.6	5	0.9	0.2
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	431	15.8	63	14.6	2.3	4	0.9	0.1
Sidechain-Sidechain	119	4.4	7	5.9	0.3	1	0.8	0.0
Sequential (|i-j|=1)	775	28.4	200	25.8	7.3	18	2.3	0.7
Backbone-Backbone	153	5.6	11	7.2	0.4	1	0.7	0.0
Backbone-Sidechain	452	16.6	114	25.2	4.2	11	2.4	0.4
Sidechain-Sidechain	170	6.2	75	44.1	2.8	6	3.5	0.2
Medium range (|i-j|>1 & |i-j|<5)	549	20.1	217	39.5	8.0	16	2.9	0.6
Backbone-Backbone	93	3.4	16	17.2	0.6	0	0.0	0.0
Backbone-Sidechain	239	8.8	93	38.9	3.4	8	3.3	0.3
Sidechain-Sidechain	217	8.0	108	49.8	4.0	8	3.7	0.3
Long range (|i-j|≥5)	852	31.3	361	42.4	13.2	21	2.5	0.8
Backbone-Backbone	33	1.2	5	15.2	0.2	0	0.0	0.0
Backbone-Sidechain	263	9.6	122	46.4	4.5	9	3.4	0.3
Sidechain-Sidechain	556	20.4	234	42.1	8.6	12	2.2	0.4
Inter-chain	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Backbone	0	0.0	0	0.0	0.0	0	0.0	0.0
Backbone-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Sidechain-Sidechain	0	0.0	0	0.0	0.0	0	0.0	0.0
Hydrogen bond	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	2726	100.0	848	31.1	31.1	60	2.2	2.2
Backbone-Backbone	279	10.2	32	11.5	1.2	1	0.4	0.0
Backbone-Sidechain	1385	50.8	392	28.3	14.4	32	2.3	1.2
Sidechain-Sidechain	1062	39.0	424	39.9	15.6	27	2.5	1.0

[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	21	67	80	99	0	267	0.57	3.12	0.52	0.35
2	19	79	85	122	0	305	0.66	2.85	0.59	0.45
3	18	76	69	128	0	291	0.57	2.57	0.53	0.33
4	18	84	79	134	0	315	0.64	3.31	0.6	0.37
5	22	75	81	113	0	291	0.61	2.98	0.59	0.37
6	20	73	75	116	0	284	0.57	3.23	0.55	0.34
7	25	75	75	123	0	298	0.58	3.6	0.58	0.34
8	23	81	89	107	0	300	0.58	2.46	0.54	0.31
9	16	69	94	117	0	296	0.62	2.62	0.56	0.38
10	17	69	78	111	0	275	0.6	3.15	0.57	0.35

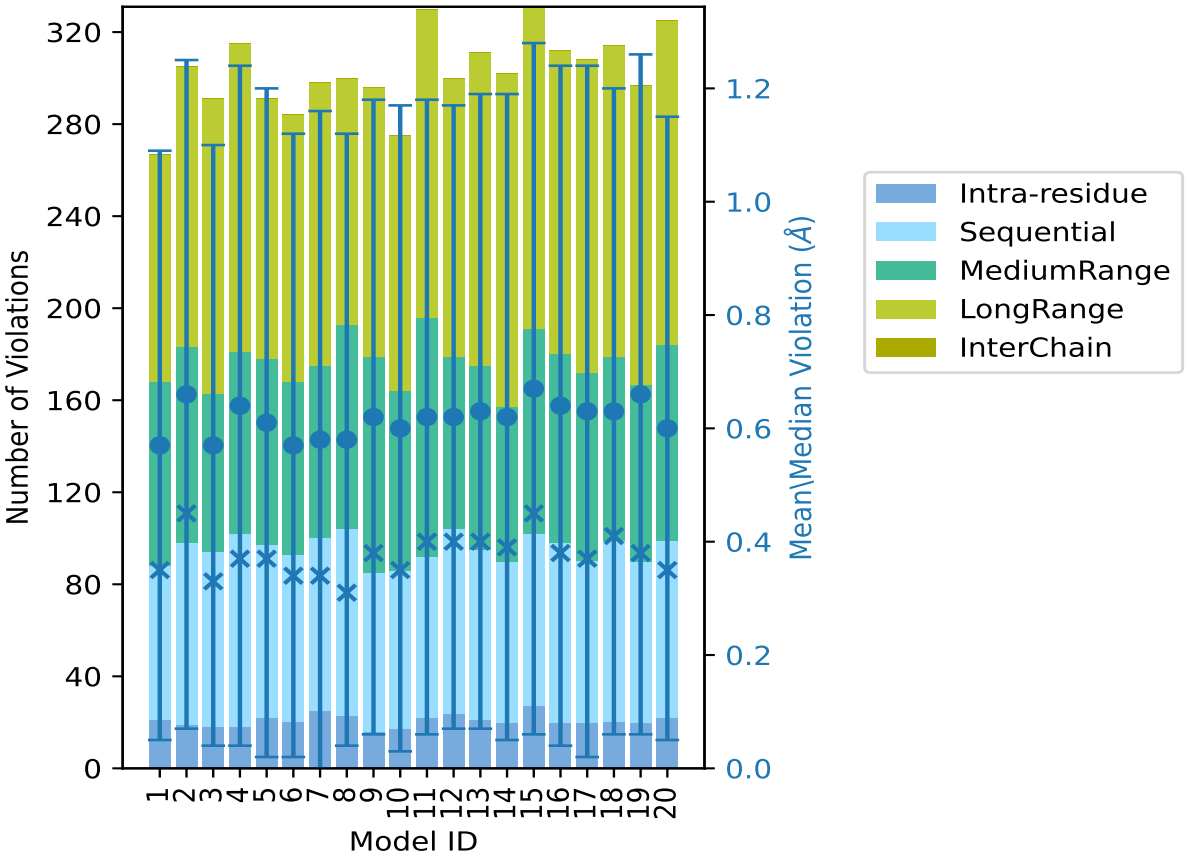
Continued on next page...

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	22	70	104	134	0	330	0.62	3.13	0.56	0.4
12	24	80	75	121	0	300	0.62	2.62	0.55	0.4
13	21	74	80	136	0	311	0.63	3.03	0.56	0.4
14	20	70	67	145	0	302	0.62	2.47	0.57	0.39
15	27	75	89	140	0	331	0.67	3.36	0.61	0.45
16	20	78	82	132	0	312	0.64	3.46	0.6	0.38
17	20	70	82	136	0	308	0.63	3.45	0.61	0.37
18	20	79	80	135	0	314	0.63	2.94	0.57	0.41
19	20	70	77	130	0	297	0.66	2.64	0.6	0.38
20	22	77	85	141	0	325	0.6	3.42	0.55	0.35

[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

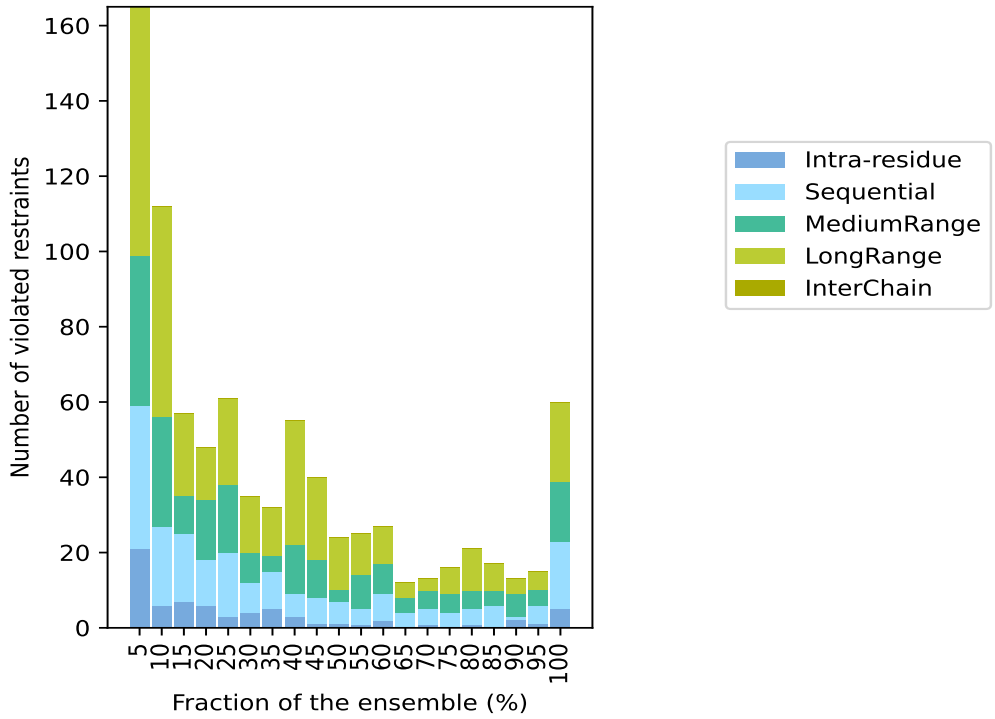
9.3 Distance violation statistics for the ensemble (i)

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, 1878(IR:480, SQ:575, MR:332, LR:491, IC:0) restraints are not violated in the ensemble.

Number of violated restraints						Fraction of the ensemble	
IR[1]	SQ[2]	MR[3]	LR[4]	IC[5]	Total	Count[6]	%
21	38	40	66	0	165	1	5.0
6	21	29	56	0	112	2	10.0
7	18	10	22	0	57	3	15.0
6	12	16	14	0	48	4	20.0
3	17	18	23	0	61	5	25.0
4	8	8	15	0	35	6	30.0
5	10	4	13	0	32	7	35.0
3	6	13	33	0	55	8	40.0
1	7	10	22	0	40	9	45.0
1	6	3	14	0	24	10	50.0
1	4	9	11	0	25	11	55.0
2	7	8	10	0	27	12	60.0
0	4	4	4	0	12	13	65.0
1	4	5	3	0	13	14	70.0
0	4	5	7	0	16	15	75.0
1	4	5	11	0	21	16	80.0
0	6	4	7	0	17	17	85.0
2	1	6	4	0	13	18	90.0
1	5	4	5	0	15	19	95.0
5	18	16	21	0	60	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

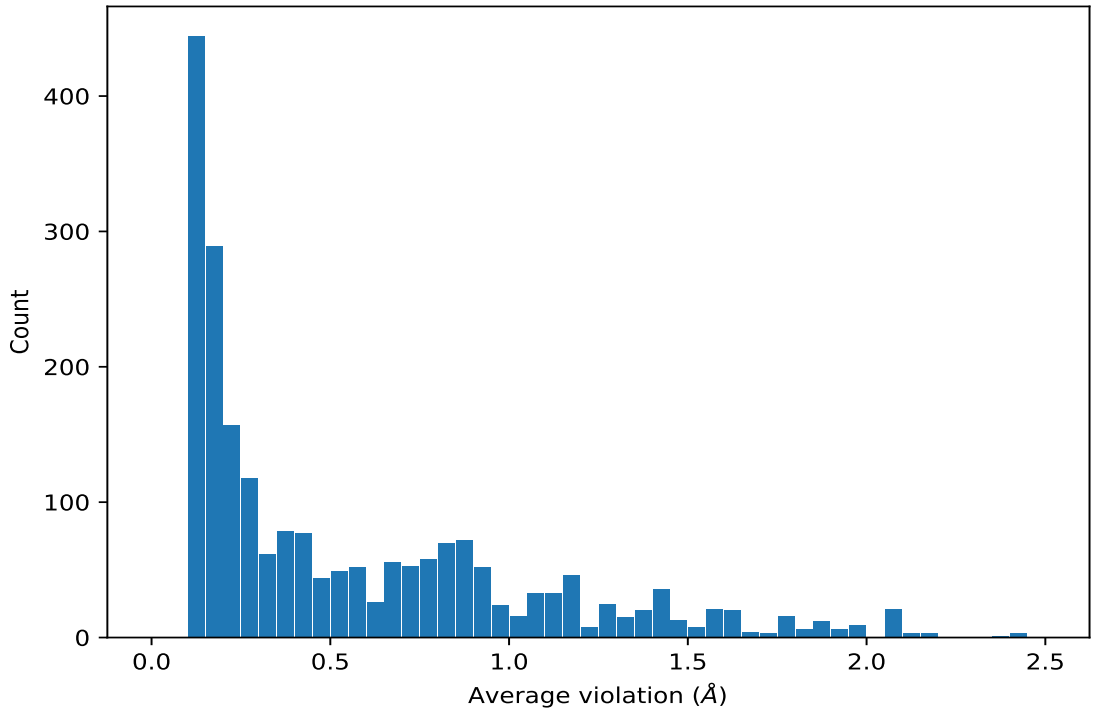
9.3.1 Bar graph : Distance violation statistics for the ensemble



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)
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	20	1.75	0.28	1.79
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	20	1.64	0.34	1.72
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	20	1.62	0.76	1.86
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	20	1.62	0.76	1.86
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	20	1.62	0.76	1.86
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	20	1.6	0.04	1.6
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	20	1.58	0.53	1.32
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	20	1.58	0.53	1.32
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	20	1.5	0.13	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	20	1.48	0.06	1.46
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	20	1.46	0.77	1.5
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	20	1.46	0.77	1.5
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	20	1.46	0.77	1.5
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	20	1.45	0.29	1.41
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	20	1.45	0.1	1.44
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	20	1.45	0.1	1.44
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	20	1.34	0.22	1.38
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	20	1.34	0.16	1.34
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	20	1.34	0.16	1.34
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	20	1.23	0.12	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	20	1.2	0.03	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	20	1.2	0.03	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	20	1.2	0.03	1.21
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	20	1.19	0.25	1.18
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	20	1.19	0.25	1.18
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	20	1.12	0.12	1.1
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	20	1.12	0.12	1.1
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	20	1.12	0.12	1.1
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	20	1.09	0.11	1.1
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	20	1.08	0.11	1.1
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	20	1.08	0.11	1.1
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	20	1.08	0.11	1.1
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	20	1.08	0.42	1.08
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	20	1.07	0.54	1.29
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD2	20	1.07	0.54	1.29
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	20	1.07	0.54	1.29
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	20	1.07	0.54	1.29
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD2	20	1.07	0.54	1.29
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD2	20	1.07	0.54	1.29
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	20	1.01	0.18	0.96
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	20	1.01	0.18	0.96
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	20	1.01	0.18	0.96
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	20	1.01	0.57	1.44
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	20	1.01	0.57	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	20	1.01	0.57	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	20	1.01	0.57	1.44
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	20	1.01	0.57	1.44
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	20	1.01	0.57	1.44
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	20	0.98	0.34	0.98
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	20	0.98	0.34	0.98
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	20	0.96	0.12	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	20	0.96	0.3	0.95
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	20	0.95	0.34	1.05
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	20	0.94	0.04	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	20	0.94	0.04	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	20	0.94	0.04	0.94
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	20	0.92	0.01	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	20	0.92	0.01	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	20	0.92	0.01	0.92
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	20	0.9	0.14	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	20	0.9	0.14	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	20	0.9	0.14	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	20	0.9	0.09	0.9
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	20	0.9	0.09	0.9
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	20	0.89	0.18	0.94
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	20	0.89	0.18	0.94
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	20	0.89	0.53	0.94
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	20	0.89	0.53	0.94
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	20	0.89	0.53	0.94
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	20	0.84	0.17	0.82
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	20	0.83	0.21	0.82
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	20	0.83	0.21	0.82
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	20	0.83	0.21	0.82
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	20	0.82	0.11	0.82
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	20	0.8	0.36	0.77
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	20	0.8	0.36	0.77
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	20	0.8	0.36	0.77
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	20	0.77	0.16	0.85
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	20	0.77	0.38	1.02
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	20	0.77	0.38	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	20	0.77	0.38	1.02
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	20	0.76	0.03	0.76
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	20	0.76	0.03	0.76
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	20	0.71	0.02	0.71
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	20	0.7	0.06	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	20	0.69	0.08	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	20	0.69	0.08	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	20	0.69	0.08	0.68
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	20	0.68	0.05	0.69
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	20	0.68	0.05	0.69
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	20	0.68	0.05	0.69
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	20	0.67	0.03	0.67
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	20	0.66	0.12	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	20	0.66	0.12	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	20	0.66	0.12	0.66
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	20	0.66	0.19	0.7
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	20	0.47	0.2	0.44
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	20	0.47	0.02	0.47
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	20	0.42	0.1	0.44
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	20	0.38	0.03	0.4
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	20	0.36	0.07	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	20	0.36	0.07	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	20	0.36	0.07	0.38
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	20	0.32	0.04	0.32
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	20	0.32	0.04	0.33
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	20	0.31	0.04	0.3
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	20	0.3	0.03	0.3
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	20	0.3	0.03	0.3
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	20	0.3	0.03	0.3
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	20	0.17	0.0	0.17
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	20	0.16	0.01	0.16
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	20	0.15	0.06	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	20	0.12	0.01	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	20	0.12	0.01	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	20	0.12	0.01	0.12
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	20	0.11	0.0	0.11
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	19	1.97	0.26	1.87
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	19	1.97	0.26	1.87
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	19	1.97	0.26	1.87
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	19	1.87	1.19	1.79
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	19	1.87	1.19	1.79
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	19	1.87	1.19	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	19	1.21	0.59	1.17
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	19	0.83	0.14	0.83
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	19	0.77	0.55	1.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	19	0.77	0.55	1.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	19	0.77	0.55	1.21
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	19	0.75	0.13	0.74
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	19	0.71	0.03	0.71
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	19	0.53	0.19	0.54
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	19	0.48	0.07	0.47
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	19	0.48	0.07	0.47
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	19	0.48	0.07	0.47
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	19	0.44	0.12	0.45
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	19	0.22	0.06	0.25
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	19	0.2	0.07	0.19
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	19	0.2	0.07	0.18
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	19	0.2	0.07	0.18
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	19	0.2	0.07	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	19	0.18	0.02	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	19	0.18	0.02	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	19	0.18	0.02	0.18
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	19	0.13	0.01	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	19	0.13	0.01	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	19	0.13	0.01	0.13
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	18	0.98	0.24	1.02
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	18	0.93	0.47	1.21
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	18	0.75	0.26	0.76
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	18	0.75	0.26	0.76
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	18	0.75	0.26	0.76
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	18	0.61	0.29	0.56
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	18	0.61	0.29	0.56
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	18	0.61	0.29	0.56
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	18	0.55	0.12	0.54
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	18	0.55	0.12	0.54
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	18	0.55	0.12	0.54
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	18	0.51	0.21	0.54
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	18	0.38	0.08	0.38
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	18	0.38	0.08	0.38
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	18	0.38	0.08	0.38
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	18	0.33	0.1	0.36
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	18	0.28	0.42	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	18	0.28	0.42	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	18	0.28	0.42	0.15
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	18	0.22	0.1	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	18	0.22	0.1	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	18	0.22	0.1	0.19
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	18	0.17	0.06	0.16
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	18	0.17	0.06	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	18	0.15	0.01	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	18	0.15	0.01	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	18	0.15	0.01	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	18	0.14	0.01	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	18	0.14	0.01	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	18	0.14	0.01	0.14
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	17	2.36	1.05	3.03
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	17	1.21	0.36	1.26
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	17	1.16	0.45	1.18
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	17	1.11	0.55	1.26
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	17	1.09	0.04	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	17	1.09	0.04	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	17	1.09	0.04	1.09
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	17	0.75	0.26	0.77
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	17	0.74	0.39	0.97
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	17	0.74	0.39	0.97
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	17	0.74	0.39	0.97
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	17	0.74	0.39	0.97
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	17	0.74	0.39	0.97
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	17	0.74	0.39	0.97
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	17	0.71	0.32	0.86
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	17	0.71	0.32	0.86
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	17	0.54	0.31	0.43
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	17	0.47	0.13	0.45
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	17	0.47	0.13	0.45
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	17	0.47	0.13	0.45
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	17	0.4	0.72	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	17	0.4	0.72	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	17	0.4	0.72	0.14
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	17	0.17	0.06	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	17	0.17	0.06	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	17	0.17	0.06	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	17	0.17	0.04	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	17	0.17	0.04	0.17
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	17	0.17	0.04	0.15
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	17	0.17	0.04	0.15
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	17	0.16	0.04	0.16
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	17	0.16	0.04	0.14
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	17	0.16	0.04	0.14
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	17	0.15	0.05	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	17	0.15	0.05	0.13
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	16	1.44	0.5	1.6
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	16	1.44	0.5	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	16	1.44	0.5	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	16	1.44	0.5	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	16	1.44	0.5	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	16	1.44	0.5	1.6
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	16	1.37	0.5	1.55
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	16	1.26	0.22	1.32
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	16	1.22	0.5	1.44
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	16	1.17	0.92	1.78
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	16	1.17	0.92	1.78
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	16	1.03	0.44	1.0
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	16	1.03	0.44	1.0
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	16	0.92	0.42	1.02
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	16	0.82	0.37	0.99
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	16	0.65	0.27	0.64
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	16	0.64	0.29	0.56
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	16	0.64	0.29	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB3	16	0.64	0.29	0.56
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	16	0.53	0.12	0.52
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	16	0.53	0.12	0.52
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	16	0.53	0.12	0.52
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	16	0.45	0.17	0.45
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	16	0.45	0.17	0.45
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	16	0.45	0.17	0.45
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	16	0.42	0.16	0.43
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	16	0.36	0.18	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	16	0.36	0.18	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	16	0.36	0.18	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	16	0.36	0.18	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	16	0.36	0.18	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	16	0.36	0.18	0.44
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	16	0.33	0.05	0.34
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	16	0.25	0.1	0.24
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	16	0.25	0.1	0.24
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	16	0.25	0.1	0.24
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	16	0.25	0.25	0.16
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	16	0.25	0.25	0.16
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	16	0.25	0.25	0.16
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	16	0.19	0.08	0.18
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	16	0.16	0.03	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	16	0.16	0.03	0.15
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	16	0.14	0.04	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	16	0.14	0.04	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	16	0.14	0.04	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	16	0.14	0.01	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	16	0.14	0.01	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	16	0.14	0.01	0.14
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	15	2.06	0.62	2.26
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	15	2.06	0.62	2.26
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	15	2.06	0.62	2.26
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	15	1.91	0.76	2.12
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	15	1.91	0.76	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	15	1.91	0.76	2.12
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	15	1.26	0.53	0.94
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	15	1.26	0.53	0.94
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	15	1.26	0.53	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	15	1.26	0.53	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	15	1.26	0.53	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	15	1.26	0.53	0.94
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	15	1.0	0.55	1.09
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	15	0.98	0.39	1.13
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	15	0.79	0.6	1.04
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	15	0.79	0.6	1.04
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	15	0.79	0.6	1.04
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	15	0.77	0.82	0.19
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	15	0.77	0.82	0.19
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	15	0.77	0.82	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	15	0.77	0.82	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	15	0.77	0.82	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	15	0.77	0.82	0.19
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	15	0.69	0.14	0.69
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	15	0.69	0.14	0.69
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	15	0.69	0.14	0.69
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	15	0.42	0.26	0.56
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	15	0.33	0.1	0.36
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	15	0.33	0.1	0.36
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	15	0.33	0.1	0.36
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	15	0.32	0.09	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	15	0.32	0.09	0.33
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	15	0.24	0.12	0.19
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	15	0.24	0.12	0.19
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	15	0.24	0.12	0.19
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	15	0.18	0.03	0.18
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	15	0.18	0.03	0.18
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	15	0.18	0.03	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	15	0.18	0.03	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	15	0.18	0.03	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	15	0.18	0.03	0.18
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	15	0.16	0.06	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	15	0.16	0.06	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	15	0.16	0.06	0.13
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	15	0.14	0.03	0.13
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	15	0.14	0.03	0.13
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	15	0.14	0.03	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	15	0.13	0.01	0.13
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	15	0.13	0.01	0.13
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	14	1.58	0.6	1.85
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	14	1.58	0.6	1.85
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	14	1.58	0.6	1.85
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	14	1.58	0.6	1.85
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	14	1.58	0.6	1.85
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	14	1.58	0.6	1.85
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	14	1.5	1.16	2.42
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	14	1.5	1.16	2.42
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	14	1.5	1.16	2.42
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	14	1.11	0.37	1.12
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	14	1.05	0.91	0.86
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	14	1.05	0.91	0.86
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	14	1.05	0.91	0.86
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	14	0.6	0.42	0.82
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	14	0.6	0.42	0.82
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	14	0.43	0.18	0.4
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	14	0.3	0.13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	14	0.3	0.13	0.31
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	14	0.23	0.05	0.22
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	14	0.23	0.05	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	14	0.23	0.05	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	14	0.23	0.05	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	14	0.23	0.05	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	14	0.23	0.05	0.22
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	14	0.2	0.06	0.19
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	14	0.15	0.02	0.15
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	14	0.15	0.02	0.15
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	14	0.15	0.02	0.15
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	14	0.14	0.03	0.15
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	14	0.14	0.03	0.15
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	14	0.14	0.03	0.15
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	14	0.13	0.03	0.13
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	14	0.13	0.03	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	14	0.13	0.01	0.13
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	13	1.64	1.08	2.25
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	13	1.64	1.08	2.25
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	13	1.64	1.08	2.25
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	13	1.19	0.04	1.2
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	13	0.96	0.74	1.56
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	13	0.96	0.74	1.56
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	13	0.69	0.21	0.68
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	13	0.64	0.05	0.63
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	13	0.43	0.14	0.48
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	13	0.32	0.05	0.34
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	13	0.29	0.12	0.26
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	13	0.29	0.12	0.26
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	13	0.29	0.12	0.26
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	13	0.23	0.07	0.22
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	13	0.23	0.07	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	13	0.17	0.03	0.17
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	13	0.17	0.03	0.17
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	13	0.17	0.03	0.17
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	13	0.17	0.04	0.16
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	13	0.17	0.04	0.16
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	13	0.15	0.03	0.15
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	12	1.79	0.1	1.78
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	12	1.79	0.1	1.78
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	12	1.79	0.1	1.78
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	12	1.79	0.1	1.78
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	12	1.79	0.1	1.78
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	12	1.79	0.1	1.78
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD23	12	1.24	0.94	1.18
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD22	12	1.24	0.94	1.18
(1,1754)	1:33:A:PHE:HD2	1:38:A:LEU:HD21	12	1.24	0.94	1.18
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD21	12	1.24	0.94	1.18
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	12	1.18	0.61	1.11
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	12	1.18	0.61	1.11
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	12	1.18	0.61	1.11
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	12	1.07	0.55	0.85
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	12	1.07	0.55	0.85
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	12	1.07	0.55	0.85
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	12	0.99	0.42	1.12
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	12	0.96	0.09	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	12	0.96	0.09	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	12	0.96	0.09	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	12	0.95	0.05	0.95
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	12	0.84	0.64	0.68
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	12	0.84	0.64	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	12	0.84	0.64	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	12	0.84	0.64	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	12	0.84	0.64	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	12	0.84	0.64	0.68
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	12	0.78	0.07	0.8
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	12	0.78	0.07	0.8
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	12	0.78	0.07	0.8
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	12	0.64	0.42	0.57
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	12	0.64	0.42	0.57
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	12	0.64	0.42	0.57
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	12	0.57	0.02	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	12	0.57	0.02	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	12	0.57	0.02	0.56
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	12	0.54	0.17	0.63
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	12	0.54	0.17	0.63
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	12	0.46	0.28	0.39
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	12	0.46	0.28	0.39
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	12	0.38	0.54	0.14
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	12	0.38	0.54	0.14
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	12	0.38	0.54	0.14
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	12	0.35	0.08	0.35
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	12	0.34	0.04	0.35
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	12	0.31	0.13	0.28
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	12	0.31	0.13	0.28
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	12	0.24	0.06	0.22
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	12	0.24	0.06	0.22
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	12	0.24	0.06	0.22
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	12	0.19	0.04	0.16
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	12	0.19	0.04	0.16
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	12	0.18	0.02	0.18
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	12	0.17	0.08	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	12	0.17	0.08	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	12	0.17	0.08	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	12	0.17	0.08	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	12	0.17	0.08	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	12	0.17	0.08	0.13
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	12	0.16	0.05	0.15
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	12	0.16	0.06	0.15
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	12	0.16	0.06	0.15
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	12	0.16	0.06	0.15
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	12	0.16	0.05	0.15
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	12	0.14	0.02	0.13
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	12	0.14	0.02	0.13
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	12	0.14	0.02	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	12	0.13	0.02	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	12	0.13	0.02	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	12	0.13	0.02	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	12	0.12	0.02	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	12	0.12	0.02	0.12
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	11	2.09	0.03	2.11
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	11	2.09	0.03	2.11
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	11	2.09	0.03	2.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	11	1.65	0.93	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	11	1.65	0.93	2.15
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	11	1.53	0.84	2.05
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	11	1.53	0.84	2.05
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	11	1.53	0.84	2.05
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	11	1.42	0.05	1.42
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	11	1.42	0.05	1.42
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	11	1.42	0.05	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	11	1.42	0.05	1.42
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	11	1.42	0.05	1.42
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	11	1.42	0.05	1.42
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	11	1.1	0.5	1.17
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	11	1.1	0.5	1.17
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	11	1.1	0.5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	11	1.1	0.5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	11	1.1	0.5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	11	1.1	0.5	1.17
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	11	1.07	0.03	1.09
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	11	1.07	0.03	1.09
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	11	1.07	0.03	1.09
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	11	0.93	0.12	0.89
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	11	0.93	0.12	0.89
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	11	0.93	0.12	0.89
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	11	0.67	0.35	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	11	0.67	0.35	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	11	0.67	0.35	0.91
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	11	0.6	0.16	0.64
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	11	0.6	0.16	0.64
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	11	0.6	0.16	0.64
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	11	0.55	0.09	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	11	0.55	0.09	0.58
(1,2230)	1:28:A:LEU:HD12	1:33:A:PHE:HE2	11	0.55	0.22	0.43
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE1	11	0.55	0.22	0.43
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE2	11	0.55	0.22	0.43
(1,2230)	1:28:A:LEU:HD11	1:33:A:PHE:HE2	11	0.55	0.22	0.43
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	11	0.48	0.15	0.46
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	11	0.48	0.15	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	11	0.48	0.15	0.46
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	11	0.42	0.06	0.43
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	11	0.39	0.3	0.22
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	11	0.32	0.09	0.33
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	11	0.25	0.14	0.2
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	11	0.25	0.14	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	11	0.25	0.14	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	11	0.25	0.14	0.2
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	11	0.23	0.05	0.25
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	11	0.23	0.05	0.25
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	11	0.23	0.07	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	11	0.23	0.07	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	11	0.23	0.07	0.22
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	11	0.22	0.13	0.19
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	11	0.22	0.13	0.19
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	11	0.21	0.06	0.24
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	11	0.21	0.06	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	11	0.21	0.06	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	11	0.21	0.06	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	11	0.21	0.06	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	11	0.21	0.06	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	11	0.2	0.04	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	11	0.2	0.04	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	11	0.2	0.04	0.21
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	11	0.18	0.08	0.14
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	11	0.18	0.08	0.14
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	11	0.17	0.05	0.15
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	11	0.17	0.05	0.15
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	11	0.17	0.05	0.15
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	11	0.16	0.03	0.16
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	11	0.13	0.02	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	11	0.13	0.02	0.12
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	10	1.97	0.64	2.13
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	10	1.97	0.64	2.13
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	10	1.97	0.64	2.13
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	10	1.88	0.58	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	10	1.88	0.58	2.1
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	10	1.88	0.58	2.1
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	10	1.34	0.97	1.28
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	10	1.33	0.1	1.33
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	10	0.91	0.74	0.84
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	10	0.91	0.74	0.84
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	10	0.91	0.74	0.84
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	10	0.84	0.24	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	10	0.84	0.24	0.9
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	10	0.83	0.37	0.92
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	10	0.83	0.37	0.92
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	10	0.83	0.37	0.92
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	10	0.76	0.05	0.74
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	10	0.76	0.05	0.74
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	10	0.76	0.05	0.74
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	10	0.66	0.15	0.7
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	10	0.66	0.15	0.7
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	10	0.66	0.15	0.7
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	10	0.55	0.81	0.16
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	10	0.55	0.81	0.16
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	10	0.55	0.81	0.16
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	10	0.5	0.12	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	10	0.5	0.12	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	10	0.5	0.12	0.54
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	10	0.37	0.71	0.14
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	10	0.37	0.71	0.14
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	10	0.37	0.71	0.14
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	10	0.31	0.46	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	10	0.31	0.46	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	10	0.31	0.46	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	10	0.31	0.46	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	10	0.31	0.46	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	10	0.31	0.46	0.17
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	10	0.3	0.35	0.16
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	10	0.22	0.08	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	10	0.22	0.08	0.2
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	10	0.22	0.08	0.2
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	10	0.21	0.23	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	10	0.21	0.23	0.13
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	10	0.19	0.05	0.18
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	10	0.19	0.1	0.14
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	10	0.19	0.1	0.14
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	10	0.18	0.04	0.18
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	10	0.16	0.03	0.16
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	10	0.16	0.03	0.16
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	10	0.16	0.03	0.16
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	10	0.15	0.03	0.14
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	10	0.15	0.03	0.14
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	10	0.15	0.03	0.14
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	10	0.14	0.03	0.14
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	10	0.14	0.03	0.14
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	10	0.14	0.03	0.14
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	10	0.14	0.04	0.12
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	10	0.13	0.02	0.13
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	9	2.08	0.05	2.08
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	9	2.08	0.05	2.08
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	9	2.08	0.05	2.08
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	9	1.99	0.1	1.99
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	9	1.99	0.1	1.99
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	9	1.99	0.1	1.99
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	9	1.62	0.09	1.64
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	9	1.62	0.09	1.64
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	9	1.62	0.09	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	9	1.36	0.67	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	9	1.36	0.67	1.51
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	9	1.31	0.07	1.29
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	9	1.31	0.07	1.29
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	9	1.31	0.07	1.29
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	9	1.25	0.63	1.49
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	9	1.25	0.17	1.33
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	9	1.25	0.17	1.33
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	9	1.11	0.12	1.09
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	9	1.11	0.12	1.09
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	9	1.11	0.12	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	9	1.11	0.12	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	9	1.11	0.12	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	9	1.11	0.12	1.09
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	9	1.05	0.32	0.99
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	9	1.05	0.32	0.99
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	9	1.05	0.32	0.99
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	9	0.91	0.29	0.96
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	9	0.91	0.29	0.96
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	9	0.91	0.29	0.96
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	9	0.91	0.29	0.96
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	9	0.91	0.29	0.96
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	9	0.91	0.29	0.96
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	9	0.82	0.08	0.85
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	9	0.82	0.08	0.85
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	9	0.82	0.08	0.85
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	9	0.75	0.08	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	9	0.75	0.08	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	9	0.68	0.45	0.55
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	9	0.68	0.45	0.55
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	9	0.68	0.45	0.55
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	9	0.64	0.07	0.63
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	9	0.64	0.07	0.63
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	9	0.64	0.07	0.63
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	9	0.64	0.07	0.63
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	9	0.64	0.07	0.63
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	9	0.64	0.07	0.63
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	9	0.56	0.18	0.62
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	9	0.56	0.18	0.62
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	9	0.56	0.18	0.62
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	9	0.56	0.32	0.51
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	9	0.56	0.32	0.51
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	9	0.56	0.32	0.51
(1,1985)	1:24:A:LEU:HD12	1:33:A:PHE:HE1	9	0.51	0.33	0.36
(1,1985)	1:24:A:LEU:HD13	1:33:A:PHE:HE2	9	0.51	0.33	0.36
(1,1985)	1:24:A:LEU:HD12	1:33:A:PHE:HE2	9	0.51	0.33	0.36
(1,1985)	1:24:A:LEU:HD11	1:33:A:PHE:HE2	9	0.51	0.33	0.36
(1,1985)	1:24:A:LEU:HD13	1:33:A:PHE:HE1	9	0.51	0.33	0.36
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	9	0.45	0.11	0.5
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	9	0.45	0.11	0.5
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	9	0.44	0.14	0.47
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	9	0.44	0.14	0.47
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	9	0.44	0.14	0.47
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	9	0.37	0.12	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	9	0.37	0.12	0.35
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	9	0.36	0.14	0.45
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	9	0.36	0.14	0.45
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	9	0.36	0.14	0.45
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	9	0.32	0.11	0.27
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	9	0.32	0.11	0.27
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	9	0.32	0.11	0.27
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	9	0.32	0.11	0.27
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	9	0.32	0.11	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	9	0.32	0.11	0.27
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	9	0.31	0.05	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	9	0.31	0.05	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	9	0.31	0.05	0.3
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	9	0.3	0.07	0.28
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	9	0.3	0.07	0.28
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	9	0.3	0.07	0.28
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	9	0.21	0.12	0.16
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	9	0.21	0.12	0.16
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	9	0.21	0.12	0.16
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	9	0.19	0.06	0.19
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	9	0.19	0.06	0.19
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	9	0.17	0.04	0.17
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	9	0.17	0.04	0.17
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	9	0.17	0.04	0.17
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	9	0.17	0.04	0.17
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	9	0.17	0.04	0.17
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	9	0.17	0.04	0.17
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	9	0.17	0.04	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	9	0.17	0.04	0.15
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	9	0.17	0.03	0.17
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	9	0.17	0.08	0.16
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	9	0.17	0.08	0.16
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	9	0.17	0.08	0.16
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	9	0.17	0.03	0.17
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	9	0.16	0.05	0.14
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	9	0.16	0.04	0.16
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	9	0.16	0.04	0.16
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	9	0.16	0.04	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	9	0.16	0.04	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	9	0.16	0.04	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	9	0.16	0.04	0.16
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	9	0.16	0.04	0.15
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	9	0.16	0.04	0.15
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	9	0.16	0.04	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	9	0.15	0.03	0.15
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	9	0.15	0.03	0.15
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	9	0.15	0.03	0.15
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	9	0.15	0.03	0.15
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	9	0.14	0.01	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	9	0.14	0.04	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	9	0.14	0.04	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	9	0.14	0.04	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	9	0.14	0.03	0.13
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	9	0.14	0.03	0.13
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	9	0.14	0.03	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	9	0.14	0.03	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	9	0.14	0.03	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	9	0.14	0.03	0.13
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	9	0.12	0.02	0.11
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	8	2.15	0.16	2.14
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	8	2.15	0.16	2.14
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	8	2.15	0.16	2.14
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	8	2.08	0.16	2.04
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	8	2.08	0.16	2.04
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	8	2.08	0.16	2.04
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	8	1.95	0.46	1.9
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	8	1.95	0.46	1.9
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	8	1.95	0.46	1.9
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	8	1.79	0.04	1.79
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	8	1.79	0.04	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	8	1.79	0.04	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	8	1.79	0.04	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	8	1.79	0.04	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	8	1.79	0.04	1.79
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	8	1.66	0.27	1.66
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	8	1.66	0.27	1.66
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	8	1.66	0.27	1.66
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	8	1.56	0.22	1.58
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	8	1.56	0.22	1.58
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	8	1.56	0.22	1.58
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	8	1.42	0.18	1.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	8	1.42	0.18	1.42
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	8	1.42	0.18	1.42
(1,2220)	1:28:A:LEU:HD22	1:33:A:PHE:HE2	8	1.36	0.42	1.36
(1,2220)	1:28:A:LEU:HD21	1:33:A:PHE:HE2	8	1.36	0.42	1.36
(1,2220)	1:28:A:LEU:HD23	1:33:A:PHE:HE1	8	1.36	0.42	1.36
(1,2220)	1:28:A:LEU:HD23	1:33:A:PHE:HE2	8	1.36	0.42	1.36
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	8	1.3	0.53	1.6
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	8	1.26	0.16	1.27
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	8	1.26	0.16	1.27
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	8	1.26	0.16	1.27
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	8	1.18	0.09	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	8	1.18	0.09	1.21
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	8	1.13	0.28	1.2
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	8	1.13	0.28	1.2
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	8	1.12	0.17	1.12
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	8	1.12	0.17	1.12
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	8	1.12	0.17	1.12
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	8	1.06	0.4	1.13
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	8	0.99	0.03	0.98
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	8	0.99	0.03	0.98
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	8	0.99	0.03	0.98
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	8	0.95	0.25	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	8	0.95	0.25	0.97
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	8	0.95	0.25	0.97
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	8	0.87	0.03	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	8	0.87	0.03	0.88
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	8	0.87	0.19	0.87
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	8	0.87	0.19	0.87
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	8	0.87	0.19	0.87
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	8	0.87	0.11	0.88
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	8	0.87	0.11	0.88
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	8	0.87	0.2	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	8	0.87	0.2	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	8	0.83	0.14	0.88
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	8	0.83	0.14	0.88
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	8	0.83	0.14	0.88
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	8	0.72	0.06	0.74
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	8	0.72	0.06	0.74
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	8	0.72	0.06	0.74
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	8	0.69	0.04	0.68
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	8	0.69	0.04	0.68
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	8	0.69	0.16	0.71
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	8	0.69	0.16	0.71
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	8	0.69	0.16	0.71
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	8	0.65	0.16	0.64
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	8	0.65	0.16	0.64
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	8	0.65	0.16	0.64
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	8	0.64	0.5	0.54
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	8	0.57	0.57	0.29
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	8	0.57	0.32	0.7
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	8	0.57	0.32	0.7
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	8	0.57	0.32	0.7
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	8	0.46	0.18	0.51
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	8	0.43	0.17	0.44
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	8	0.43	0.17	0.44
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	8	0.42	0.27	0.36
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	8	0.41	0.1	0.38
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	8	0.41	0.1	0.38
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	8	0.41	0.1	0.38
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	8	0.41	0.15	0.38
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	8	0.38	0.07	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	8	0.36	0.13	0.42
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	8	0.36	0.13	0.42
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	8	0.36	0.13	0.42
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	8	0.36	0.13	0.42
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	8	0.36	0.13	0.42
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	8	0.36	0.13	0.42
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	8	0.34	0.17	0.34
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	8	0.34	0.17	0.34
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	8	0.3	0.08	0.3
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	8	0.3	0.08	0.3
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	8	0.3	0.08	0.3
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	8	0.28	0.12	0.23
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	8	0.28	0.12	0.23
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	8	0.28	0.12	0.23
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	8	0.28	0.12	0.23
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	8	0.28	0.12	0.23
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	8	0.28	0.12	0.23
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	8	0.27	0.04	0.28
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	8	0.26	0.23	0.16
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	8	0.26	0.23	0.16
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	8	0.26	0.23	0.16
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	8	0.22	0.22	0.15
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	8	0.19	0.07	0.2
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	8	0.19	0.07	0.2
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	8	0.19	0.07	0.2
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	8	0.17	0.06	0.15
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	8	0.17	0.05	0.15
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	8	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)
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	8	0.16	0.05	0.15
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	8	0.16	0.04	0.15
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	8	0.15	0.04	0.12
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	8	0.15	0.04	0.12
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	8	0.15	0.04	0.12
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	8	0.14	0.04	0.13
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	8	0.14	0.04	0.13
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	8	0.14	0.04	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	8	0.14	0.01	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	8	0.14	0.01	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	8	0.14	0.01	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	8	0.14	0.03	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	8	0.14	0.03	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	8	0.14	0.03	0.14
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	8	0.14	0.04	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	8	0.13	0.02	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	8	0.13	0.02	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	8	0.12	0.01	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	8	0.12	0.01	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	8	0.12	0.01	0.12
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	8	0.11	0.01	0.11
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	8	0.11	0.01	0.11
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	8	0.11	0.01	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	8	0.11	0.01	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	8	0.11	0.01	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	8	0.11	0.01	0.11
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	7	1.69	0.07	1.64
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	7	1.52	0.03	1.51
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	7	0.95	0.05	0.93
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	7	0.89	0.1	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	7	0.89	0.1	0.89
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	7	0.89	0.1	0.89
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	7	0.88	0.4	0.83
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	7	0.88	0.4	0.83
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	7	0.88	0.4	0.83
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	7	0.84	0.1	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	7	0.84	0.1	0.86
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	7	0.83	1.07	0.16
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	7	0.83	1.07	0.16
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	7	0.83	1.07	0.16
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	7	0.81	0.16	0.76
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	7	0.81	0.16	0.76
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	7	0.68	0.06	0.7
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	7	0.67	0.19	0.73
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	7	0.67	0.19	0.73
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	7	0.67	0.19	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	7	0.67	0.19	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	7	0.67	0.19	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	7	0.67	0.19	0.73
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	7	0.67	0.64	0.14
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	7	0.61	0.31	0.5
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	7	0.61	0.12	0.66
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	7	0.61	0.12	0.66
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	7	0.61	0.12	0.66
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	7	0.55	0.18	0.57
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	7	0.52	0.13	0.51
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	7	0.47	0.17	0.57
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	7	0.47	0.17	0.57
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	7	0.33	0.17	0.34
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	7	0.32	0.06	0.29
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	7	0.32	0.06	0.29
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	7	0.32	0.06	0.29
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	7	0.28	0.15	0.2
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	7	0.26	0.1	0.26
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	7	0.26	0.1	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	7	0.26	0.1	0.26
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	7	0.25	0.12	0.24
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	7	0.23	0.05	0.22
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	7	0.22	0.05	0.23
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	7	0.22	0.05	0.23
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	7	0.22	0.05	0.23
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	7	0.19	0.08	0.2
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	7	0.19	0.08	0.2
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	7	0.17	0.04	0.16
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	7	0.17	0.04	0.16
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	7	0.17	0.08	0.13
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	7	0.17	0.08	0.13
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	7	0.17	0.08	0.13
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	7	0.17	0.08	0.13
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	7	0.17	0.08	0.13
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	7	0.17	0.08	0.13
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	7	0.16	0.04	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	7	0.16	0.04	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	7	0.16	0.04	0.17
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	7	0.16	0.04	0.16
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	7	0.16	0.04	0.16
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	7	0.16	0.04	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	7	0.16	0.04	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	7	0.16	0.04	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	7	0.16	0.04	0.16
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	7	0.16	0.05	0.15
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	7	0.16	0.05	0.15
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	7	0.14	0.03	0.13
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	7	0.11	0.01	0.11
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	6	1.17	0.48	1.38
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	6	1.17	0.48	1.38
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	6	1.17	0.48	1.38
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	6	0.94	0.01	0.95
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	6	0.85	1.03	0.16
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	6	0.85	1.03	0.16
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	6	0.85	1.03	0.16
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	6	0.85	1.03	0.16
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	6	0.85	1.03	0.16
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	6	0.85	1.03	0.16
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	6	0.73	0.39	0.92
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	6	0.72	0.61	0.68
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	6	0.72	0.61	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	6	0.72	0.61	0.68
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	6	0.71	0.82	0.15
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	6	0.71	0.82	0.15
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	6	0.71	0.82	0.15
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	6	0.66	0.16	0.68
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	6	0.66	0.16	0.68
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	6	0.66	0.16	0.68
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	6	0.66	0.16	0.68
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	6	0.66	0.16	0.68
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	6	0.66	0.16	0.68
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	6	0.55	0.57	0.17
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	6	0.55	0.57	0.17
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	6	0.55	0.57	0.17
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	6	0.49	0.23	0.51
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	6	0.47	0.31	0.32
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	6	0.46	0.1	0.44
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	6	0.46	0.1	0.44
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	6	0.46	0.1	0.44
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	6	0.42	0.1	0.42
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	6	0.42	0.1	0.42
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	6	0.39	0.22	0.37
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	6	0.39	0.22	0.37
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	6	0.39	0.22	0.37
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	6	0.37	0.15	0.4
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	6	0.37	0.38	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	6	0.37	0.38	0.1
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	6	0.35	0.17	0.32
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	6	0.3	0.25	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	6	0.3	0.25	0.2
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	6	0.3	0.25	0.2
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	6	0.28	0.12	0.26
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	6	0.28	0.16	0.24
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	6	0.25	0.05	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	6	0.25	0.05	0.26
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	6	0.22	0.06	0.2
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	6	0.22	0.06	0.2
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	6	0.21	0.07	0.22
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	6	0.21	0.07	0.22
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	6	0.21	0.07	0.22
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	6	0.21	0.07	0.22
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	6	0.21	0.07	0.22
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	6	0.21	0.07	0.22
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	6	0.2	0.07	0.2
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	6	0.2	0.07	0.18
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	6	0.2	0.07	0.18
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	6	0.2	0.07	0.18
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	6	0.2	0.07	0.18
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	6	0.2	0.07	0.18
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	6	0.2	0.07	0.18
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	6	0.18	0.04	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	6	0.18	0.04	0.2
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	6	0.15	0.03	0.15
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	6	0.15	0.03	0.15
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	6	0.15	0.03	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	6	0.15	0.03	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	6	0.15	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)
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	6	0.14	0.04	0.13
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	6	0.14	0.03	0.14
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	6	0.14	0.03	0.13
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	6	0.14	0.03	0.13
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	6	0.14	0.03	0.13
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	6	0.13	0.03	0.14
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	6	0.13	0.03	0.14
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	6	0.13	0.03	0.14
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	6	0.13	0.03	0.14
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	6	0.13	0.03	0.14
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	6	0.13	0.03	0.14
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	6	0.13	0.02	0.14
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	6	0.13	0.06	0.11
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	6	0.13	0.06	0.11
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	6	0.13	0.06	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	6	0.12	0.01	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	6	0.12	0.01	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	6	0.12	0.01	0.11
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	6	0.11	0.01	0.11
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	5	1.08	0.05	1.07
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	5	1.08	0.05	1.07
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	5	1.08	0.05	1.07
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	5	0.96	0.08	0.94
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	5	0.96	0.08	0.94
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	5	0.96	0.08	0.94
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	5	0.94	0.18	0.87
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	5	0.94	0.18	0.87
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	5	0.94	0.18	0.87
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	5	0.81	0.57	0.93
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	5	0.8	0.04	0.81
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	5	0.8	0.04	0.81
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	5	0.8	0.04	0.81
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	5	0.79	0.21	0.72
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	5	0.79	0.21	0.72
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	5	0.79	0.21	0.72
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	5	0.76	0.06	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	5	0.76	0.06	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	5	0.76	0.06	0.78
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	5	0.55	0.12	0.56
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	5	0.55	0.12	0.56
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	5	0.54	0.34	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	5	0.54	0.34	0.62
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	5	0.54	0.78	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	5	0.54	0.78	0.16
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	5	0.53	0.41	0.21
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	5	0.51	0.18	0.55
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	5	0.51	0.18	0.55
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	5	0.51	0.18	0.55
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	5	0.45	0.2	0.38
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	5	0.45	0.2	0.38
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	5	0.45	0.2	0.38
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	5	0.45	0.14	0.51
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	5	0.45	0.14	0.51
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	5	0.45	0.14	0.51
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	5	0.43	0.19	0.46
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	5	0.43	0.19	0.46
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	5	0.43	0.19	0.46
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	5	0.41	0.2	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	5	0.41	0.2	0.35
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	5	0.41	0.2	0.35
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	5	0.4	0.08	0.4
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	5	0.4	0.08	0.4
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	5	0.4	0.08	0.4
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	5	0.38	0.47	0.15
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	5	0.38	0.47	0.15
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	5	0.37	0.11	0.38
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	5	0.37	0.11	0.38
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	5	0.37	0.11	0.38
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	5	0.35	0.06	0.32
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	5	0.32	0.23	0.16
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	5	0.32	0.23	0.16
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	5	0.32	0.23	0.16
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	5	0.3	0.04	0.29
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	5	0.28	0.11	0.22
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	5	0.27	0.12	0.2
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	5	0.27	0.12	0.2
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	5	0.27	0.12	0.2
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	5	0.27	0.05	0.27
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	5	0.27	0.05	0.27
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	5	0.27	0.05	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	5	0.27	0.05	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	5	0.27	0.05	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	5	0.27	0.05	0.27
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	5	0.27	0.12	0.2
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	5	0.26	0.1	0.23
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	5	0.26	0.1	0.23
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	5	0.26	0.1	0.23
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	5	0.25	0.06	0.25
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	5	0.25	0.06	0.25
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	5	0.25	0.06	0.25
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	5	0.25	0.12	0.32
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	5	0.23	0.07	0.2
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	5	0.22	0.13	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	5	0.22	0.13	0.13
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	5	0.22	0.13	0.13
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	5	0.22	0.13	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	5	0.22	0.13	0.18
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	5	0.2	0.05	0.19
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	5	0.2	0.05	0.19
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	5	0.2	0.05	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	5	0.2	0.05	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	5	0.2	0.05	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	5	0.2	0.05	0.19
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	5	0.2	0.07	0.18
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	5	0.19	0.04	0.21
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	5	0.19	0.04	0.21
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	5	0.19	0.04	0.2
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	5	0.19	0.04	0.2
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	5	0.19	0.05	0.18
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	5	0.19	0.05	0.18
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	5	0.19	0.05	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	5	0.19	0.05	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	5	0.19	0.05	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	5	0.19	0.05	0.18
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	5	0.19	0.07	0.16
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	5	0.19	0.07	0.17
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	5	0.19	0.07	0.17
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	5	0.19	0.05	0.21
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	5	0.19	0.05	0.21
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	5	0.18	0.06	0.15
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	5	0.18	0.06	0.15
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	5	0.18	0.06	0.15
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	5	0.18	0.06	0.15
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	5	0.18	0.06	0.15
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	5	0.18	0.06	0.15
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	5	0.18	0.04	0.17
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	5	0.17	0.04	0.18
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	5	0.17	0.04	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	5	0.16	0.05	0.16
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	5	0.16	0.05	0.16
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	5	0.16	0.05	0.16
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	5	0.16	0.05	0.13
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	5	0.15	0.03	0.16
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	5	0.15	0.03	0.16
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	5	0.15	0.03	0.16
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	5	0.15	0.01	0.15
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	5	0.15	0.01	0.15
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	5	0.15	0.04	0.13
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	5	0.14	0.03	0.14
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	5	0.14	0.03	0.14
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	5	0.14	0.03	0.14
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	5	0.14	0.03	0.12
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	5	0.14	0.03	0.12
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	5	0.14	0.03	0.12
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	5	0.14	0.03	0.13
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	5	0.14	0.03	0.13
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	5	0.14	0.03	0.13
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	5	0.14	0.03	0.13
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	5	0.14	0.03	0.13
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	5	0.14	0.03	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	5	0.14	0.02	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	5	0.14	0.02	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	5	0.14	0.02	0.13
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	5	0.14	0.05	0.1
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	5	0.13	0.02	0.13
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	5	0.13	0.02	0.13
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	5	0.13	0.02	0.13
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	5	0.13	0.02	0.13
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	5	0.13	0.01	0.13
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	5	0.13	0.01	0.13
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	5	0.13	0.01	0.13
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	5	0.13	0.02	0.12
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	5	0.13	0.02	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	5	0.13	0.03	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	5	0.13	0.03	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	5	0.13	0.03	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	5	0.13	0.03	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	5	0.13	0.03	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	5	0.13	0.03	0.12
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	5	0.12	0.02	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	5	0.12	0.02	0.11
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	5	0.12	0.01	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	5	0.12	0.01	0.12
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	5	0.12	0.0	0.12
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	5	0.12	0.0	0.12
(1,2283)	1:138:A:LEU:HD11	1:139:A:ASN:HB2	4	1.11	0.02	1.12
(1,2283)	1:138:A:LEU:HD12	1:139:A:ASN:HB2	4	1.11	0.02	1.12
(1,2283)	1:138:A:LEU:HD13	1:139:A:ASN:HB2	4	1.11	0.02	1.12
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD21	4	1.08	0.12	1.1
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD22	4	1.08	0.12	1.1
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD23	4	1.08	0.12	1.1
(1,409)	1:83:A:GLN:HG3	1:86:A:SER:H	4	1.02	0.06	1.04
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD22	4	0.99	0.39	1.16
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD22	4	0.99	0.39	1.16
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD22	4	0.99	0.39	1.16
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD21	4	0.99	0.39	1.16
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD21	4	0.99	0.39	1.16
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD21	4	0.99	0.39	1.16
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD21	4	0.9	0.12	0.9
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD22	4	0.9	0.12	0.9
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD23	4	0.9	0.12	0.9
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD21	4	0.8	0.56	0.76
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD22	4	0.8	0.56	0.76
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD23	4	0.8	0.56	0.76
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD11	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD11	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD11	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD11	4	0.74	0.11	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD11	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD11	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD12	4	0.74	0.11	0.7
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD13	4	0.74	0.11	0.7
(1,1151)	1:187:A:ARG:H	1:187:A:ARG:HD2	4	0.46	0.25	0.46
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG3	4	0.44	0.15	0.49
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG3	4	0.44	0.15	0.49
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG3	4	0.44	0.15	0.49
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG2	4	0.44	0.15	0.49
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG2	4	0.44	0.15	0.49
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG2	4	0.44	0.15	0.49
(1,181)	1:75:A:ASP:HB3	1:76:A:ASP:H	4	0.4	0.19	0.39
(1,2108)	1:66:A:PHE:HB2	1:67:A:LEU:HG	4	0.39	0.47	0.12
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE1	4	0.33	0.02	0.33
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE2	4	0.33	0.02	0.33
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD11	4	0.3	0.11	0.31
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD12	4	0.3	0.11	0.31
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD13	4	0.3	0.11	0.31
(1,155)	1:2:A:PRO:HB3	1:3:A:LEU:H	4	0.28	0.04	0.26
(1,571)	1:54:A:ALA:HB1	1:58:A:VAL:HB	4	0.28	0.29	0.12
(1,571)	1:54:A:ALA:HB2	1:58:A:VAL:HB	4	0.28	0.29	0.12
(1,571)	1:54:A:ALA:HB3	1:58:A:VAL:HB	4	0.28	0.29	0.12
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG2	4	0.26	0.11	0.26
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG3	4	0.26	0.11	0.26
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG2	4	0.26	0.11	0.26
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG3	4	0.26	0.11	0.26
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG2	4	0.26	0.11	0.26
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG3	4	0.26	0.11	0.26
(1,2174)	1:24:A:LEU:HD21	1:89:A:LEU:HG	4	0.26	0.03	0.26
(1,2174)	1:24:A:LEU:HD22	1:89:A:LEU:HG	4	0.26	0.03	0.26
(1,2174)	1:24:A:LEU:HD23	1:89:A:LEU:HG	4	0.26	0.03	0.26
(1,1174)	1:15:A:GLU:HB3	1:16:A:GLY:H	4	0.25	0.04	0.27
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG11	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG12	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG13	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG11	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG12	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG13	4	0.24	0.07	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG11	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG12	4	0.24	0.07	0.22
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG13	4	0.24	0.07	0.22
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG2	4	0.2	0.06	0.2
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG3	4	0.2	0.06	0.2
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD11	4	0.19	0.08	0.15
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD12	4	0.19	0.08	0.15
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD13	4	0.19	0.08	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD11	4	0.19	0.08	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD12	4	0.19	0.08	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD13	4	0.19	0.08	0.15
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB2	4	0.19	0.0	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB3	4	0.19	0.0	0.19
(1,1079)	1:186:A:ILE:H	1:186:A:ILE:HB	4	0.18	0.04	0.2
(1,32)	1:21:A:GLN:HA	1:24:A:LEU:HG	4	0.17	0.04	0.18
(1,1334)	1:45:A:LEU:HD21	1:87:A:ASN:H	4	0.17	0.06	0.17
(1,1334)	1:45:A:LEU:HD22	1:87:A:ASN:H	4	0.17	0.06	0.17
(1,1334)	1:45:A:LEU:HD23	1:87:A:ASN:H	4	0.17	0.06	0.17
(1,371)	1:112:A:ILE:HD11	1:151:A:THR:H	4	0.16	0.06	0.15
(1,371)	1:112:A:ILE:HD12	1:151:A:THR:H	4	0.16	0.06	0.15
(1,371)	1:112:A:ILE:HD13	1:151:A:THR:H	4	0.16	0.06	0.15
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG21	4	0.16	0.01	0.16
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG22	4	0.16	0.01	0.16
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG23	4	0.16	0.01	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG21	4	0.16	0.01	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG22	4	0.16	0.01	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG23	4	0.16	0.01	0.16
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD21	4	0.16	0.06	0.14
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD22	4	0.16	0.06	0.14
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD23	4	0.16	0.06	0.14
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB1	4	0.15	0.02	0.15
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB2	4	0.15	0.02	0.15
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB3	4	0.15	0.02	0.15
(1,239)	1:25:A:ASN:HA	1:32:A:TYR:H	4	0.15	0.02	0.14
(1,1154)	1:29:A:GLN:HG2	1:30:A:GLY:H	4	0.15	0.03	0.15
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD21	4	0.15	0.03	0.15
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD22	4	0.15	0.03	0.15
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD23	4	0.15	0.03	0.15
(2,63)	1:9:A:ILE:H	1:179:A:ALA:HA	4	0.14	0.04	0.12
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE1	4	0.13	0.01	0.13
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE2	4	0.13	0.01	0.13
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE1	4	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)
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE2	4	0.13	0.01	0.13
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE1	4	0.13	0.01	0.13
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE2	4	0.13	0.01	0.13
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG21	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG22	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG23	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG21	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG22	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG23	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG21	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG22	4	0.13	0.01	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG23	4	0.13	0.01	0.12
(1,413)	1:53:A:MET:HE1	1:65:A:THR:H	4	0.13	0.04	0.11
(1,413)	1:53:A:MET:HE2	1:65:A:THR:H	4	0.13	0.04	0.11
(1,413)	1:53:A:MET:HE3	1:65:A:THR:H	4	0.13	0.04	0.11
(1,1165)	1:54:A:ALA:HB1	1:57:A:GLY:H	4	0.13	0.01	0.13
(1,1165)	1:54:A:ALA:HB2	1:57:A:GLY:H	4	0.13	0.01	0.13
(1,1165)	1:54:A:ALA:HB3	1:57:A:GLY:H	4	0.13	0.01	0.13
(1,348)	1:90:A:LYS:HA	1:94:A:LEU:H	4	0.12	0.02	0.13
(1,491)	1:3:A:LEU:HD21	1:4:A:GLY:H	4	0.12	0.02	0.12
(1,491)	1:3:A:LEU:HD22	1:4:A:GLY:H	4	0.12	0.02	0.12
(1,491)	1:3:A:LEU:HD23	1:4:A:GLY:H	4	0.12	0.02	0.12
(1,1606)	1:52:A:ARG:HA	1:52:A:ARG:HE	4	0.12	0.04	0.11
(2,44)	1:133:A:LYS:H	1:135:A:TRP:HA	4	0.12	0.02	0.12
(1,204)	1:158:A:ALA:HA	1:161:A:GLN:HE22	4	0.12	0.02	0.12
(2,89)	1:131:A:LEU:H	1:135:A:TRP:HE3	4	0.12	0.02	0.12
(1,1363)	1:53:A:MET:HB3	1:54:A:ALA:H	4	0.12	0.01	0.12
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE21	4	0.12	0.01	0.12
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE22	4	0.12	0.01	0.12
(1,2566)	1:63:A:TYR:HD1	1:64:A:ARG:HA	4	0.12	0.02	0.11
(1,2566)	1:63:A:TYR:HD2	1:64:A:ARG:HA	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG21	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG22	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG23	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG21	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG22	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG23	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG21	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG22	4	0.12	0.02	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG23	4	0.12	0.02	0.11
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG21	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG22	4	0.11	0.02	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG23	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG21	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG22	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG23	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG21	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG22	4	0.11	0.02	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG23	4	0.11	0.02	0.11
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG21	3	0.86	0.43	1.16
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG22	3	0.86	0.43	1.16
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG23	3	0.86	0.43	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG21	3	0.86	0.43	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG22	3	0.86	0.43	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG23	3	0.86	0.43	1.16
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG21	3	0.83	0.4	1.08
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG22	3	0.83	0.4	1.08
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG23	3	0.83	0.4	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG21	3	0.83	0.4	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG22	3	0.83	0.4	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG23	3	0.83	0.4	1.08
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD21	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD22	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD23	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD21	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD22	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD23	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD21	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD22	3	0.74	0.03	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD23	3	0.74	0.03	0.74
(1,723)	1:36:A:VAL:HB	1:37:A:GLU:HG2	3	0.44	0.06	0.43
(1,2448)	1:95:A:GLU:HG2	1:171:A:LYS:HE2	3	0.39	0.15	0.46
(1,2448)	1:95:A:GLU:HG3	1:171:A:LYS:HE2	3	0.39	0.15	0.46
(1,2119)	1:18:A:LEU:HB2	1:78:A:GLY:HA3	3	0.39	0.03	0.38
(1,2119)	1:18:A:LEU:HB3	1:78:A:GLY:HA3	3	0.39	0.03	0.38
(1,1046)	1:77:A:SER:H	1:78:A:GLY:HA3	3	0.37	0.17	0.37
(1,1081)	1:186:A:ILE:H	1:186:A:ILE:HG12	3	0.35	0.14	0.4
(1,2307)	1:18:A:LEU:HD21	1:35:A:PRO:HG2	3	0.31	0.17	0.28
(1,2307)	1:18:A:LEU:HD22	1:35:A:PRO:HG2	3	0.31	0.17	0.28
(1,2307)	1:18:A:LEU:HD23	1:35:A:PRO:HG2	3	0.31	0.17	0.28
(1,325)	1:24:A:LEU:HD21	1:85:A:ILE:H	3	0.29	0.14	0.27
(1,325)	1:24:A:LEU:HD22	1:85:A:ILE:H	3	0.29	0.14	0.27
(1,325)	1:24:A:LEU:HD23	1:85:A:ILE:H	3	0.29	0.14	0.27
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE2	3	0.25	0.02	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE3	3	0.25	0.02	0.25
(1,502)	1:184:A:GLN:HB3	1:185:A:MET:HA	3	0.24	0.06	0.28
(1,250)	1:74:A:MET:HG3	1:76:A:ASP:H	3	0.23	0.05	0.2
(1,2152)	1:41:A:ILE:HB	1:84:A:VAL:HA	3	0.22	0.06	0.25
(1,411)	1:108:A:ARG:H	1:109:A:ILE:HG13	3	0.22	0.08	0.25
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG21	3	0.22	0.06	0.2
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG22	3	0.22	0.06	0.2
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG23	3	0.22	0.06	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG21	3	0.22	0.06	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG22	3	0.22	0.06	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG23	3	0.22	0.06	0.2
(1,1305)	1:51:A:MET:HG2	1:52:A:ARG:H	3	0.21	0.02	0.22
(1,1656)	1:17:A:SER:HB3	1:18:A:LEU:H	3	0.21	0.09	0.16
(1,596)	1:59:A:THR:HA	1:60:A:SER:HB2	3	0.21	0.03	0.23
(1,277)	1:111:A:PRO:HB2	1:117:A:PHE:HB3	3	0.19	0.06	0.16
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE2	3	0.19	0.01	0.18
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE3	3	0.19	0.01	0.18
(1,141)	1:83:A:GLN:HB2	1:83:A:GLN:HE22	3	0.18	0.02	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD21	3	0.18	0.03	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD22	3	0.18	0.03	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD23	3	0.18	0.03	0.17
(1,2244)	1:11:A:HIS:HE1	1:31:A:GLU:HG2	3	0.18	0.03	0.17
(1,153)	1:141:A:LEU:HD21	1:142:A:LEU:H	3	0.18	0.04	0.16
(1,153)	1:141:A:LEU:HD22	1:142:A:LEU:H	3	0.18	0.04	0.16
(1,153)	1:141:A:LEU:HD23	1:142:A:LEU:H	3	0.18	0.04	0.16
(1,377)	1:40:A:SER:H	1:40:A:SER:HB2	3	0.17	0.05	0.2
(1,1257)	1:184:A:GLN:H	1:185:A:MET:H	3	0.17	0.03	0.18
(1,2251)	1:18:A:LEU:HD11	1:35:A:PRO:HA	3	0.17	0.06	0.13
(1,2251)	1:18:A:LEU:HD12	1:35:A:PRO:HA	3	0.17	0.06	0.13
(1,2251)	1:18:A:LEU:HD13	1:35:A:PRO:HA	3	0.17	0.06	0.13
(1,428)	1:112:A:ILE:HD11	1:114:A:GLU:H	3	0.17	0.05	0.16
(1,428)	1:112:A:ILE:HD12	1:114:A:GLU:H	3	0.17	0.05	0.16
(1,428)	1:112:A:ILE:HD13	1:114:A:GLU:H	3	0.17	0.05	0.16
(1,893)	1:100:A:ASN:HD22	1:165:A:TYR:H	3	0.16	0.02	0.17
(2,36)	1:90:A:LYS:HB2	1:94:A:LEU:H	3	0.16	0.02	0.18
(1,1014)	1:121:A:TYR:H	1:124:A:HIS:H	3	0.16	0.02	0.16
(1,1668)	1:132:A:GLY:H	1:183:A:LEU:HA	3	0.16	0.04	0.14
(1,1860)	1:166:A:SER:HA	1:167:A:ILE:HG12	3	0.16	0.01	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG11	3	0.15	0.01	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG12	3	0.15	0.01	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG13	3	0.15	0.01	0.16
(1,624)	1:27:A:LEU:HD21	1:28:A:LEU:HA	3	0.15	0.02	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,624)	1:27:A:LEU:HD22	1:28:A:LEU:HA	3	0.15	0.02	0.16
(1,624)	1:27:A:LEU:HD23	1:28:A:LEU:HA	3	0.15	0.02	0.16
(1,163)	1:118:A:ILE:HD11	1:119:A:CYS:H	3	0.14	0.01	0.15
(1,163)	1:118:A:ILE:HD12	1:119:A:CYS:H	3	0.14	0.01	0.15
(1,163)	1:118:A:ILE:HD13	1:119:A:CYS:H	3	0.14	0.01	0.15
(1,578)	1:118:A:ILE:HG21	1:128:A:VAL:HB	3	0.14	0.02	0.15
(1,578)	1:118:A:ILE:HG22	1:128:A:VAL:HB	3	0.14	0.02	0.15
(1,578)	1:118:A:ILE:HG23	1:128:A:VAL:HB	3	0.14	0.02	0.15
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD1	3	0.14	0.02	0.14
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD2	3	0.14	0.02	0.14
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB1	3	0.14	0.02	0.15
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB2	3	0.14	0.02	0.15
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB3	3	0.14	0.02	0.15
(1,1009)	1:90:A:LYS:HB3	1:91:A:VAL:H	3	0.14	0.04	0.12
(1,1240)	1:75:A:ASP:HB2	1:76:A:ASP:H	3	0.14	0.02	0.15
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD1	3	0.14	0.04	0.12
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD2	3	0.14	0.04	0.12
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD21	3	0.14	0.02	0.13
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD22	3	0.14	0.02	0.13
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD23	3	0.14	0.02	0.13
(1,2062)	1:20:A:ALA:HB1	1:125:A:TRP:HB2	3	0.14	0.02	0.13
(1,2062)	1:20:A:ALA:HB2	1:125:A:TRP:HB2	3	0.14	0.02	0.13
(1,2062)	1:20:A:ALA:HB3	1:125:A:TRP:HB2	3	0.14	0.02	0.13
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD1	3	0.14	0.02	0.14
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD2	3	0.14	0.02	0.14
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD2	3	0.13	0.03	0.13
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD3	3	0.13	0.03	0.13
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD2	3	0.13	0.03	0.13
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD3	3	0.13	0.03	0.13
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD11	3	0.13	0.03	0.12
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD12	3	0.13	0.03	0.12
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD13	3	0.13	0.03	0.12
(1,2253)	1:35:A:PRO:HA	1:38:A:LEU:HG	3	0.13	0.03	0.12
(1,430)	1:112:A:ILE:HB	1:114:A:GLU:H	3	0.13	0.02	0.13
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG3	3	0.13	0.02	0.12
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG2	3	0.13	0.02	0.12
(2,16)	1:118:A:ILE:HD11	1:128:A:VAL:HB	3	0.13	0.02	0.12
(2,16)	1:118:A:ILE:HD12	1:128:A:VAL:HB	3	0.13	0.02	0.12
(2,16)	1:118:A:ILE:HD13	1:128:A:VAL:HB	3	0.13	0.02	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD11	3	0.12	0.01	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD12	3	0.12	0.01	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD13	3	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)
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD11	3	0.12	0.01	0.12
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD12	3	0.12	0.01	0.12
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD13	3	0.12	0.01	0.12
(1,219)	1:38:A:LEU:HA	1:40:A:SER:H	3	0.12	0.01	0.12
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD11	3	0.11	0.01	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD12	3	0.11	0.01	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD13	3	0.11	0.01	0.1
(1,436)	1:149:A:SER:H	1:151:A:THR:H	3	0.11	0.01	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD11	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD12	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD13	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD11	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD12	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD13	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD11	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD12	3	0.11	0.0	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD13	3	0.11	0.0	0.11
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG21	2	2.42	0.03	2.42
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG22	2	2.42	0.03	2.42
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG23	2	2.42	0.03	2.42
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD21	2	2.11	0.01	2.11
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD22	2	2.11	0.01	2.11
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD23	2	2.11	0.01	2.11
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD21	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD22	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD23	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD21	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD22	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD23	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD21	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD22	2	2.08	0.03	2.08
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD23	2	2.08	0.03	2.08
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD21	2	1.84	0.01	1.84
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD22	2	1.84	0.01	1.84
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD23	2	1.84	0.01	1.84
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD21	2	1.84	0.01	1.84
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD22	2	1.84	0.01	1.84
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD23	2	1.84	0.01	1.84
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG21	2	1.78	0.22	1.78
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG22	2	1.78	0.22	1.78
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG23	2	1.78	0.22	1.78
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD21	2	1.74	0.02	1.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD22	2	1.74	0.02	1.74
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD23	2	1.74	0.02	1.74
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG11	2	1.56	0.16	1.56
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG12	2	1.56	0.16	1.56
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG13	2	1.56	0.16	1.56
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG21	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG22	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG23	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG21	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG22	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG23	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG21	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG22	2	1.46	0.06	1.46
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG23	2	1.46	0.06	1.46
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG21	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG22	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG23	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG21	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG22	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG23	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG21	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG22	2	1.42	0.08	1.42
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG23	2	1.42	0.08	1.42
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG21	2	1.41	0.0	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG22	2	1.41	0.0	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG23	2	1.41	0.0	1.41
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG11	2	1.38	0.06	1.38
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG12	2	1.38	0.06	1.38
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG13	2	1.38	0.06	1.38
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG11	2	1.38	0.06	1.38
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG12	2	1.38	0.06	1.38
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG13	2	1.38	0.06	1.38
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG21	2	1.33	0.01	1.33
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG22	2	1.33	0.01	1.33
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG23	2	1.33	0.01	1.33
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD21	2	1.3	0.01	1.3
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD22	2	1.3	0.01	1.3
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD23	2	1.3	0.01	1.3
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG21	2	1.27	0.07	1.27
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG22	2	1.27	0.07	1.27
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG23	2	1.27	0.07	1.27
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD21	2	1.27	0.02	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD22	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD23	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD21	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD22	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD23	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD21	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD22	2	1.27	0.02	1.27
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD23	2	1.27	0.02	1.27
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB1	2	1.2	0.32	1.2
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB2	2	1.2	0.32	1.2
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB3	2	1.2	0.32	1.2
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD21	2	1.17	0.3	1.17
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD22	2	1.17	0.3	1.17
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD23	2	1.17	0.3	1.17
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG21	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG22	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG23	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG21	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG22	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG23	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG21	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG22	2	1.16	0.23	1.16
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG23	2	1.16	0.23	1.16
(1,1438)	1:41:A:ILE:H	1:84:A:VAL:HB	2	1.14	0.01	1.14
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD21	2	1.02	0.01	1.02
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD22	2	1.02	0.01	1.02
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD23	2	1.02	0.01	1.02
(1,1168)	1:116:A:SER:H	1:170:A:VAL:HB	2	0.9	0.1	0.9
(1,475)	1:45:A:LEU:HD21	1:83:A:GLN:H	2	0.88	0.0	0.88
(1,475)	1:45:A:LEU:HD22	1:83:A:GLN:H	2	0.88	0.0	0.88
(1,475)	1:45:A:LEU:HD23	1:83:A:GLN:H	2	0.88	0.0	0.88
(1,168)	1:75:A:ASP:HB3	1:78:A:GLY:H	2	0.86	0.14	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG11	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG12	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG13	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG11	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG12	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG13	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG11	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG12	2	0.86	0.01	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG13	2	0.86	0.01	0.86
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD21	2	0.86	0.01	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD22	2	0.86	0.01	0.86
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD23	2	0.86	0.01	0.86
(1,404)	1:84:A:VAL:HG21	1:86:A:SER:H	2	0.82	0.02	0.82
(1,404)	1:84:A:VAL:HG22	1:86:A:SER:H	2	0.82	0.02	0.82
(1,404)	1:84:A:VAL:HG23	1:86:A:SER:H	2	0.82	0.02	0.82
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE1	2	0.75	0.01	0.75
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE2	2	0.75	0.01	0.75
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD21	2	0.73	0.03	0.73
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD22	2	0.73	0.03	0.73
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD23	2	0.73	0.03	0.73
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD21	2	0.73	0.03	0.73
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD22	2	0.73	0.03	0.73
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD23	2	0.73	0.03	0.73
(1,1460)	1:100:A:ASN:HA	1:105:A:GLN:HE22	2	0.65	0.2	0.65
(1,416)	1:157:A:LEU:H	1:160:A:LEU:HG	2	0.64	0.02	0.64
(1,1392)	1:189:A:GLN:H	1:190:A:GLN:HB2	2	0.62	0.2	0.62
(1,1702)	1:84:A:VAL:HG21	1:85:A:ILE:HB	2	0.61	0.0	0.61
(1,1702)	1:84:A:VAL:HG22	1:85:A:ILE:HB	2	0.61	0.0	0.61
(1,1702)	1:84:A:VAL:HG23	1:85:A:ILE:HB	2	0.61	0.0	0.61
(1,793)	1:170:A:VAL:HG11	1:171:A:LYS:H	2	0.58	0.02	0.58
(1,793)	1:170:A:VAL:HG12	1:171:A:LYS:H	2	0.58	0.02	0.58
(1,793)	1:170:A:VAL:HG13	1:171:A:LYS:H	2	0.58	0.02	0.58
(1,271)	1:84:A:VAL:HG21	1:85:A:ILE:HG13	2	0.58	0.01	0.58
(1,271)	1:84:A:VAL:HG22	1:85:A:ILE:HG13	2	0.58	0.01	0.58
(1,271)	1:84:A:VAL:HG23	1:85:A:ILE:HG13	2	0.58	0.01	0.58
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD11	2	0.57	0.04	0.57
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD12	2	0.57	0.04	0.57
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD13	2	0.57	0.04	0.57
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG11	2	0.52	0.0	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG12	2	0.52	0.0	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG13	2	0.52	0.0	0.52
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG11	2	0.49	0.0	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG12	2	0.49	0.0	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG13	2	0.49	0.0	0.49
(1,2086)	1:9:A:ILE:HA	1:10:A:PHE:HD2	2	0.49	0.02	0.49
(1,2086)	1:9:A:ILE:HA	1:10:A:PHE:HD1	2	0.49	0.02	0.49
(2,11)	1:45:A:LEU:HD21	1:88:A:ALA:H	2	0.44	0.05	0.44
(2,11)	1:45:A:LEU:HD22	1:88:A:ALA:H	2	0.44	0.05	0.44
(2,11)	1:45:A:LEU:HD23	1:88:A:ALA:H	2	0.44	0.05	0.44
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD11	2	0.43	0.21	0.43
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD12	2	0.43	0.21	0.43
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD13	2	0.43	0.21	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD11	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD12	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD13	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD11	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD12	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD13	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD11	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD12	2	0.42	0.01	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD13	2	0.42	0.01	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD21	2	0.42	0.01	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD22	2	0.42	0.01	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD23	2	0.42	0.01	0.42
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB2	2	0.38	0.02	0.38
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB3	2	0.38	0.02	0.38
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB2	2	0.38	0.02	0.38
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB3	2	0.38	0.02	0.38
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB2	2	0.38	0.02	0.38
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB3	2	0.38	0.02	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD21	2	0.38	0.0	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD22	2	0.38	0.0	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD23	2	0.38	0.0	0.38
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD11	2	0.35	0.07	0.35
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD12	2	0.35	0.07	0.35
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD13	2	0.35	0.07	0.35
(1,2413)	1:11:A:HIS:HE1	1:31:A:GLU:HG3	2	0.32	0.12	0.32
(1,894)	1:160:A:LEU:HD11	1:165:A:TYR:H	2	0.32	0.03	0.32
(1,894)	1:160:A:LEU:HD12	1:165:A:TYR:H	2	0.32	0.03	0.32
(1,894)	1:160:A:LEU:HD13	1:165:A:TYR:H	2	0.32	0.03	0.32
(1,361)	1:161:A:GLN:HA	1:165:A:TYR:H	2	0.29	0.02	0.29
(1,272)	1:24:A:LEU:HD11	1:85:A:ILE:H	2	0.26	0.16	0.26
(1,272)	1:24:A:LEU:HD12	1:85:A:ILE:H	2	0.26	0.16	0.26
(1,272)	1:24:A:LEU:HD13	1:85:A:ILE:H	2	0.26	0.16	0.26
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD21	2	0.25	0.04	0.25
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD22	2	0.25	0.04	0.25
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD23	2	0.25	0.04	0.25
(1,1483)	1:74:A:MET:HE1	1:76:A:ASP:H	2	0.24	0.02	0.24
(1,1483)	1:74:A:MET:HE2	1:76:A:ASP:H	2	0.24	0.02	0.24
(1,1483)	1:74:A:MET:HE3	1:76:A:ASP:H	2	0.24	0.02	0.24
(1,482)	1:121:A:TYR:HE1	1:122:A:LYS:H	2	0.23	0.08	0.23
(1,482)	1:121:A:TYR:HE2	1:122:A:LYS:H	2	0.23	0.08	0.23
(1,1660)	1:53:A:MET:H	1:53:A:MET:HB3	2	0.23	0.01	0.23
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD11	2	0.23	0.01	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD12	2	0.23	0.01	0.23
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD13	2	0.23	0.01	0.23
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG2	2	0.22	0.04	0.22
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG3	2	0.22	0.04	0.22
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG2	2	0.22	0.04	0.22
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG3	2	0.22	0.04	0.22
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG2	2	0.22	0.04	0.22
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG3	2	0.22	0.04	0.22
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD1	2	0.22	0.02	0.22
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD2	2	0.22	0.02	0.22
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD1	2	0.22	0.1	0.22
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD2	2	0.22	0.1	0.22
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD1	2	0.22	0.1	0.22
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD2	2	0.22	0.1	0.22
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD1	2	0.22	0.1	0.22
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD2	2	0.22	0.1	0.22
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG11	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG12	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG13	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG11	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG12	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG13	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG11	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG12	2	0.21	0.01	0.21
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG13	2	0.21	0.01	0.21
(1,2242)	1:11:A:HIS:HE1	1:31:A:GLU:HB3	2	0.21	0.06	0.21
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB2	2	0.21	0.08	0.21
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB3	2	0.21	0.08	0.21
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB2	2	0.21	0.08	0.21
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB3	2	0.21	0.08	0.21
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB2	2	0.21	0.08	0.21
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB3	2	0.21	0.08	0.21
(1,2148)	1:82:A:ILE:HG12	1:168:A:PHE:HZ	2	0.19	0.04	0.19
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE1	2	0.18	0.06	0.18
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE2	2	0.18	0.06	0.18
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE3	2	0.18	0.06	0.18
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG11	2	0.18	0.06	0.18
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG12	2	0.18	0.06	0.18
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG13	2	0.18	0.06	0.18
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD21	2	0.18	0.04	0.18
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD22	2	0.18	0.04	0.18
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD23	2	0.18	0.04	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,1031)	1:71:A:SER:H	1:73:A:ASN:H	2	0.18	0.04	0.18
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD1	2	0.18	0.03	0.18
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD2	2	0.18	0.03	0.18
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD1	2	0.18	0.03	0.18
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD2	2	0.18	0.03	0.18
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD1	2	0.18	0.03	0.18
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD2	2	0.18	0.03	0.18
(1,672)	1:11:A:HIS:HE1	1:25:A:ASN:HA	2	0.17	0.03	0.17
(1,744)	1:66:A:PHE:HE1	1:69:A:GLN:HE21	2	0.17	0.03	0.17
(1,744)	1:66:A:PHE:HE2	1:69:A:GLN:HE21	2	0.17	0.03	0.17
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB2	2	0.16	0.02	0.16
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB3	2	0.16	0.02	0.16
(1,1559)	1:41:A:ILE:HB	1:43:A:HIS:H	2	0.16	0.02	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD11	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD12	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD13	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD11	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD12	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD13	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD21	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD22	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD23	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD21	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD22	2	0.16	0.05	0.16
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD23	2	0.16	0.05	0.16
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD1	2	0.16	0.02	0.16
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD2	2	0.16	0.02	0.16
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD1	2	0.16	0.02	0.16
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD2	2	0.16	0.02	0.16
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG21	2	0.16	0.02	0.16
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG22	2	0.16	0.02	0.16
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG23	2	0.16	0.02	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD11	2	0.16	0.01	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD12	2	0.16	0.01	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD13	2	0.16	0.01	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD11	2	0.16	0.01	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD12	2	0.16	0.01	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD13	2	0.16	0.01	0.16
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB2	2	0.15	0.0	0.15
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB3	2	0.15	0.0	0.15
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB2	2	0.15	0.0	0.15
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB3	2	0.15	0.0	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB2	2	0.15	0.0	0.15
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB3	2	0.15	0.0	0.15
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE1	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE2	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE3	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE1	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE2	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE3	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE1	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE2	2	0.15	0.02	0.15
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE3	2	0.15	0.02	0.15
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD21	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD22	2	0.14	0.02	0.14
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD23	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD11	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD12	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD13	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD11	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD12	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD13	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD11	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD12	2	0.14	0.02	0.14
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD13	2	0.14	0.02	0.14
(1,883)	1:163:A:GLU:H	1:164:A:GLY:HA2	2	0.14	0.01	0.14
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB2	2	0.14	0.01	0.14
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB3	2	0.14	0.01	0.14
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB2	2	0.14	0.01	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB3	2	0.14	0.01	0.14
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB2	2	0.14	0.01	0.14
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB3	2	0.14	0.01	0.14
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD21	2	0.14	0.02	0.14
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD22	2	0.14	0.02	0.14
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD23	2	0.14	0.02	0.14
(1,606)	1:82:A:ILE:HG21	1:125:A:TRP:HH2	2	0.14	0.02	0.14
(1,606)	1:82:A:ILE:HG22	1:125:A:TRP:HH2	2	0.14	0.02	0.14
(1,606)	1:82:A:ILE:HG23	1:125:A:TRP:HH2	2	0.14	0.02	0.14
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE1	2	0.14	0.02	0.14
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE2	2	0.14	0.02	0.14
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE1	2	0.14	0.02	0.14
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE2	2	0.14	0.02	0.14
(1,1638)	1:45:A:LEU:HD11	1:83:A:GLN:HE21	2	0.14	0.02	0.14
(1,1638)	1:45:A:LEU:HD12	1:83:A:GLN:HE21	2	0.14	0.02	0.14
(1,1638)	1:45:A:LEU:HD13	1:83:A:GLN:HE21	2	0.14	0.02	0.14
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB1	2	0.13	0.01	0.13
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB2	2	0.13	0.01	0.13
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB3	2	0.13	0.01	0.13
(1,2471)	1:82:A:ILE:HG21	1:83:A:GLN:HG2	2	0.13	0.01	0.13
(1,2471)	1:82:A:ILE:HG22	1:83:A:GLN:HG2	2	0.13	0.01	0.13
(1,2471)	1:82:A:ILE:HG23	1:83:A:GLN:HG2	2	0.13	0.01	0.13
(1,147)	1:98:A:LEU:HD11	1:169:A:VAL:H	2	0.12	0.02	0.12
(1,147)	1:98:A:LEU:HD12	1:169:A:VAL:H	2	0.12	0.02	0.12
(1,147)	1:98:A:LEU:HD13	1:169:A:VAL:H	2	0.12	0.02	0.12
(1,342)	1:98:A:LEU:HD21	1:168:A:PHE:H	2	0.12	0.01	0.12
(1,342)	1:98:A:LEU:HD22	1:168:A:PHE:H	2	0.12	0.01	0.12
(1,342)	1:98:A:LEU:HD23	1:168:A:PHE:H	2	0.12	0.01	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD21	2	0.12	0.01	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD22	2	0.12	0.01	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD23	2	0.12	0.01	0.12
(1,1675)	1:2:A:PRO:HA	1:3:A:LEU:H	2	0.12	0.01	0.12
(1,2624)	1:41:A:ILE:HG21	1:43:A:HIS:HD2	2	0.12	0.02	0.12
(1,2624)	1:41:A:ILE:HG22	1:43:A:HIS:HD2	2	0.12	0.02	0.12
(1,2624)	1:41:A:ILE:HG23	1:43:A:HIS:HD2	2	0.12	0.02	0.12
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB2	2	0.12	0.01	0.12
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB3	2	0.12	0.01	0.12
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB2	2	0.12	0.01	0.12
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB3	2	0.12	0.01	0.12
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB2	2	0.12	0.01	0.12
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB3	2	0.12	0.01	0.12
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD21	2	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)
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD22	2	0.12	0.01	0.12
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD23	2	0.12	0.01	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE1	2	0.12	0.0	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE2	2	0.12	0.0	0.12
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD11	2	0.12	0.02	0.12
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD12	2	0.12	0.02	0.12
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD13	2	0.12	0.02	0.12
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG11	2	0.12	0.02	0.12
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG12	2	0.12	0.02	0.12
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG13	2	0.12	0.02	0.12
(1,218)	1:153:A:LEU:HG	1:154:A:ALA:H	2	0.12	0.0	0.12
(1,1476)	1:25:A:ASN:HD21	1:32:A:TYR:H	2	0.12	0.0	0.12
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE1	2	0.11	0.0	0.11
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE2	2	0.11	0.0	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE1	2	0.11	0.0	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE2	2	0.11	0.0	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE1	2	0.11	0.0	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE2	2	0.11	0.0	0.11
(1,253)	1:112:A:ILE:H	1:135:A:TRP:HE1	2	0.11	0.0	0.11
(1,351)	1:154:A:ALA:H	1:156:A:PHE:HB2	2	0.11	0.01	0.11
(1,1313)	1:66:A:PHE:HB2	1:67:A:LEU:H	2	0.11	0.0	0.11
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD11	2	0.11	0.01	0.11
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD12	2	0.11	0.01	0.11
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD13	2	0.11	0.01	0.11
(1,1637)	1:82:A:ILE:HG21	1:83:A:GLN:HE22	2	0.11	0.01	0.11
(1,1637)	1:82:A:ILE:HG22	1:83:A:GLN:HE22	2	0.11	0.01	0.11
(1,1637)	1:82:A:ILE:HG23	1:83:A:GLN:HE22	2	0.11	0.01	0.11
(1,2281)	1:6:A:MET:HE1	1:136:A:PHE:HA	2	0.11	0.01	0.11
(1,2281)	1:6:A:MET:HE2	1:136:A:PHE:HA	2	0.11	0.01	0.11
(1,2281)	1:6:A:MET:HE3	1:136:A:PHE:HA	2	0.11	0.01	0.11
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE1	2	0.11	0.01	0.11
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE2	2	0.11	0.01	0.11
(2,41)	1:26:A:ASN:H	1:27:A:LEU:HG	2	0.11	0.0	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD21	2	0.11	0.0	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD22	2	0.11	0.0	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD23	2	0.11	0.0	0.11
(1,1408)	1:110:A:ASP:H	1:111:A:PRO:HD2	2	0.11	0.0	0.11
(1,1421)	1:28:A:LEU:HG	1:29:A:GLN:H	2	0.11	0.0	0.11
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD11	2	0.1	0.0	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD12	2	0.1	0.0	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD13	2	0.1	0.0	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD11	2	0.1	0.0	0.1

Continued on next page...

Continued from previous page...

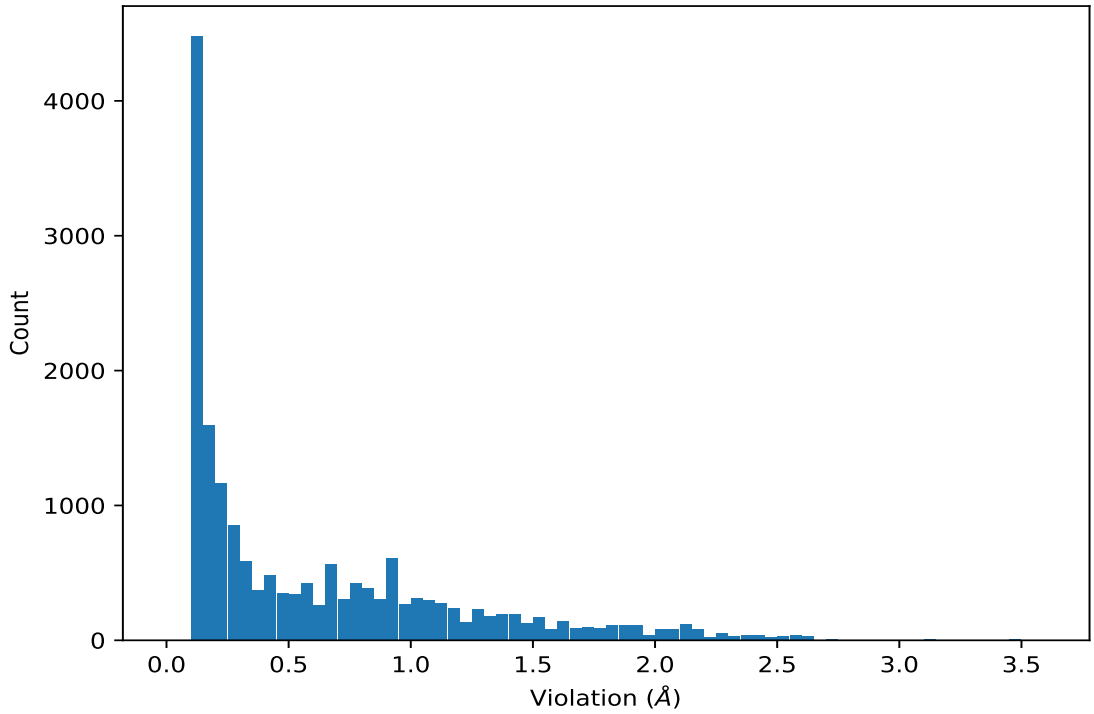
Key	Atom-1	Atom-2	Models[1]	Mean (Å)	SD[1] (Å)	Median (Å)
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD12	2	0.1	0.0	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD13	2	0.1	0.0	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD11	2	0.1	0.0	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD12	2	0.1	0.0	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD13	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

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)
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	7	3.6
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	16	3.46
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	16	3.46
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	16	3.46
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	17	3.45
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	17	3.45
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	17	3.45
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	20	3.42
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	20	3.42
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	20	3.42
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	15	3.36
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	15	3.36
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	15	3.36
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	4	3.31
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	6	3.23
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	6	3.23
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	6	3.23
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	6	3.23
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	15	3.18
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	17	3.17
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	10	3.15
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	10	3.15
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	10	3.15
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	11	3.13
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	1	3.12
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	10	3.07
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	13	3.03
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	5	2.98
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	18	2.94
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	18	2.94
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	18	2.94
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	11	2.91
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	2	2.85
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	7	2.71
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	7	2.71
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	7	2.71
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	7	2.71
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	7	2.71
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	7	2.71
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	15	2.7
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	15	2.7
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	15	2.7
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	2	2.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	2	2.66
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	2	2.66
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	19	2.64
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	19	2.64
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	19	2.64
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	4	2.62
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	4	2.62
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	4	2.62
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	4	2.62
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	4	2.62
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	4	2.62
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	12	2.62
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	12	2.62
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	12	2.62
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	12	2.62
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	12	2.62
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	12	2.62
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	12	2.62
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	12	2.62
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	12	2.62
(1,1776)	1:153:A:LEU:HD21	1:156:A:PHE:HA	9	2.62
(1,1776)	1:153:A:LEU:HD22	1:156:A:PHE:HA	9	2.62
(1,1776)	1:153:A:LEU:HD23	1:156:A:PHE:HA	9	2.62
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	4	2.62
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	4	2.62
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	4	2.62
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	12	2.61
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	12	2.61
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	12	2.61
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	17	2.6
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	17	2.6
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	17	2.6
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	20	2.6
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	20	2.6
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	20	2.6
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	2	2.59
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	2	2.59
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	2	2.59
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	19	2.59
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	19	2.59
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	19	2.59
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	18	2.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	18	2.58
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	18	2.58
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	18	2.58
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	18	2.58
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	18	2.58
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	18	2.58
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	18	2.58
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	18	2.58
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	13	2.58
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	13	2.58
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	13	2.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	18	2.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	18	2.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	18	2.58
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	11	2.58
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	11	2.58
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	11	2.58
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	9	2.57
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	9	2.57
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	9	2.57
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	17	2.57
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	17	2.57
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	17	2.57
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	19	2.57
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	19	2.57
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	19	2.57
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	3	2.57
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	3	2.57
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	3	2.57
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	9	2.56
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	9	2.56
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	9	2.56
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	9	2.55
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	9	2.55
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	9	2.55
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	5	2.54
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	5	2.54
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	5	2.54
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	17	2.53
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	17	2.53
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	17	2.53
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	5	2.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	5	2.52
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	5	2.52
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	16	2.52
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	16	2.52
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	16	2.52
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	13	2.51
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	13	2.51
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	13	2.51
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	5	2.51
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	5	2.51
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	5	2.51
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	4	2.5
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	4	2.5
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	4	2.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	4	2.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	4	2.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	4	2.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	4	2.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	4	2.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	4	2.5
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	17	2.49
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	17	2.49
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	17	2.49
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	14	2.47
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	14	2.47
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	14	2.47
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	8	2.46
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	8	2.46
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	8	2.46
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	16	2.46
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	16	2.46
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	16	2.46
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG21	7	2.45
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG22	7	2.45
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG23	7	2.45
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	2	2.45
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	2	2.45
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	2	2.45
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	7	2.45
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	7	2.45
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	7	2.45
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	14	2.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	14	2.45
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	14	2.45
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	16	2.44
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	16	2.44
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	16	2.44
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	1	2.44
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	1	2.44
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	1	2.44
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	17	2.44
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	17	2.44
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	17	2.44
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	19	2.44
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	19	2.44
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	19	2.44
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	4	2.43
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	4	2.43
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	4	2.43
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	7	2.43
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	7	2.43
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	7	2.43
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	16	2.43
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	5	2.43
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	5	2.43
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	5	2.43
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	14	2.43
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	14	2.43
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	14	2.43
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	19	2.42
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	19	2.42
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	19	2.42
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	19	2.42
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	19	2.42
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	19	2.42
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	19	2.42
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	19	2.42
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	19	2.42
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	19	2.41
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	19	2.41
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	19	2.41
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	3	2.41
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	3	2.41
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	3	2.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	11	2.39
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	11	2.39
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	11	2.39
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	11	2.39
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	11	2.39
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	11	2.39
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	13	2.39
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	13	2.39
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	13	2.39
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG21	19	2.39
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG22	19	2.39
(1,1108)	1:118:A:ILE:H	1:170:A:VAL:HG23	19	2.39
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	7	2.38
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	7	2.38
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	7	2.38
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	15	2.38
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	15	2.38
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	15	2.38
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	13	2.37
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	13	2.37
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	13	2.37
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	20	2.37
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	20	2.37
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	20	2.37
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	13	2.37
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	13	2.37
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	13	2.37
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	13	2.37
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	13	2.37
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	13	2.37
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	13	2.37
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	13	2.37
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	13	2.37
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	2	2.37
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	2	2.37
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	2	2.37
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	18	2.34
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	18	2.34
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	18	2.34
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	4	2.34
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	4	2.34
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	4	2.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	8	2.32
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	8	2.32
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	8	2.32
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	8	2.32
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	8	2.32
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	8	2.32
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	8	2.32
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	8	2.32
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	8	2.32
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	5	2.32
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	5	2.32
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	5	2.32
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	14	2.31
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	14	2.31
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	14	2.31
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	14	2.31
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	14	2.31
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	14	2.31
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	14	2.31
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	14	2.31
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	14	2.31
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD22	15	2.31
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	16	2.31
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	16	2.31
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	16	2.31
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	9	2.3
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	9	2.3
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	9	2.3
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	15	2.29
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	15	2.29
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	15	2.29
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	15	2.29
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	15	2.29
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	15	2.29
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	15	2.29
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	15	2.29
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	15	2.29
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	10	2.28
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	10	2.28
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	10	2.28
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	10	2.28
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	10	2.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	10	2.28
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	10	2.28
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	10	2.28
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	10	2.28
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	15	2.28
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	15	2.28
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	15	2.28
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD21	9	2.27
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	10	2.26
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	10	2.26
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	10	2.26
(1,1754)	1:33:A:PHE:HD2	1:38:A:LEU:HD21	8	2.26
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	2	2.26
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	2	2.26
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	2	2.26
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	3	2.26
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	3	2.26
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	3	2.26
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	3	2.26
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	3	2.26
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	3	2.26
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	3	2.26
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	3	2.26
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	3	2.26
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	3	2.26
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	3	2.26
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	3	2.26
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	7	2.26
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	7	2.26
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	7	2.26
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	18	2.25
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	18	2.25
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	18	2.25
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	4	2.23
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	4	2.23
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	4	2.23
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	7	2.23
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	10	2.22
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	10	2.22
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	10	2.22
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	19	2.22
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	19	2.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	19	2.22
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD23	13	2.21
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	12	2.21
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	12	2.21
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	12	2.21
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	8	2.21
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	19	2.21
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	19	2.21
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	19	2.21
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	19	2.2
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	19	2.2
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	19	2.2
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	5	2.2
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	16	2.19
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	16	2.19
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	16	2.19
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	17	2.18
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	17	2.18
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	17	2.18
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	2	2.18
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	2	2.18
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	2	2.18
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	2	2.18
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	2	2.18
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	2	2.18
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	2	2.18
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	2	2.18
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	2	2.18
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	2	2.17
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	2	2.17
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	2	2.17
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	15	2.17
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	15	2.17
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	15	2.17
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	15	2.17
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	15	2.17
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	15	2.17
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	15	2.17
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	15	2.17
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	15	2.17
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	15	2.17
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	15	2.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	15	2.17
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	5	2.17
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	5	2.17
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	5	2.17
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	5	2.17
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	5	2.17
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	5	2.17
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	5	2.17
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	5	2.17
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	5	2.17
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	2	2.16
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	2	2.16
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	2	2.16
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	2	2.16
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	2	2.16
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	2	2.16
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	2	2.16
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	2	2.16
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	2	2.16
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	2	2.16
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	2	2.16
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	2	2.16
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	18	2.15
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	18	2.15
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	18	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	16	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	16	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	16	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	16	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	16	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	16	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	16	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	16	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	16	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	20	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	20	2.15
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	20	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	20	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	20	2.15
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	20	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	20	2.15
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	20	2.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	20	2.15
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	15	2.15
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	15	2.15
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	15	2.15
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	15	2.15
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	15	2.15
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	15	2.15
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	15	2.15
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	15	2.15
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	15	2.15
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	15	2.15
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	15	2.15
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	15	2.15
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	11	2.14
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	11	2.14
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	11	2.14
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	6	2.14
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	6	2.14
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	6	2.14
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	6	2.14
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	6	2.14
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	6	2.14
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	6	2.14
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	6	2.14
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	6	2.14
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	5	2.14
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	5	2.14
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	5	2.14
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	14	2.14
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	14	2.14
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	14	2.14
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	12	2.13
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	12	2.13
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	12	2.13
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	3	2.13
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	3	2.13
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	3	2.13
(1,449)	1:91:A:VAL:HG21	1:92:A:TRP:HE1	5	2.13
(1,449)	1:91:A:VAL:HG22	1:92:A:TRP:HE1	5	2.13
(1,449)	1:91:A:VAL:HG23	1:92:A:TRP:HE1	5	2.13
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	14	2.13
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	14	2.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	14	2.13
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	1	2.12
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	1	2.12
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	1	2.12
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	16	2.12
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	16	2.12
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	16	2.12
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	17	2.12
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	17	2.12
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	17	2.12
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD21	9	2.12
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD22	9	2.12
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD23	9	2.12
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	2	2.12
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	2	2.12
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	2	2.12
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	10	2.12
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	10	2.12
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	10	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	4	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	4	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	4	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	4	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	4	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	4	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	4	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	4	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	4	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	5	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	5	2.12
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	5	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	5	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	5	2.12
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	5	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	5	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	5	2.12
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	5	2.12
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	10	2.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	10	2.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	10	2.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	10	2.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	10	2.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	10	2.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	10	2.12
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	12	2.12
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	12	2.12
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	12	2.12
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	13	2.11
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	13	2.11
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	13	2.11
(1,2220)	1:28:A:LEU:HD23	1:33:A:PHE:HE1	14	2.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	4	2.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	4	2.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	4	2.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	4	2.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	4	2.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	4	2.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	4	2.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	4	2.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	4	2.11
(1,1754)	1:33:A:PHE:HD2	1:38:A:LEU:HD21	7	2.11
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	12	2.11
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	12	2.11
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	12	2.11
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	18	2.11
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	18	2.11
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	18	2.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	18	2.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	18	2.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	18	2.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	18	2.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	18	2.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	18	2.11
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	15	2.1
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	15	2.1
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	15	2.1
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD21	16	2.1
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD22	16	2.1
(1,1351)	1:42:A:ALA:H	1:45:A:LEU:HD23	16	2.1
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	9	2.1
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	9	2.1
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	9	2.1
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD21	11	2.1
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD22	11	2.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD23	11	2.1
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD21	11	2.1
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD22	11	2.1
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD23	11	2.1
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD21	11	2.1
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD22	11	2.1
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD23	11	2.1
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	5	2.09
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	6	2.09
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	6	2.09
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	6	2.09
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	3	2.09
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	3	2.09
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	3	2.09
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	3	2.09
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	3	2.09
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	3	2.09
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	3	2.09
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	3	2.09
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	3	2.09
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	15	2.09
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	15	2.09
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	15	2.09
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	15	2.09
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	15	2.09
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	15	2.09
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	15	2.09
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	15	2.09
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	15	2.09
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	4	2.09
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	4	2.09
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	4	2.09
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	8	2.09
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	8	2.09
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	8	2.09
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	15	2.09
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	15	2.09
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	15	2.09
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	4	2.09
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	4	2.09
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	4	2.09
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	20	2.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	20	2.08
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	20	2.08
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	6	2.08
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	6	2.08
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	6	2.08
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	4	2.08
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	4	2.08
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	4	2.08
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	14	2.08
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	14	2.08
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	14	2.08
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	14	2.08
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	14	2.08
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	14	2.08
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	14	2.08
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	14	2.08
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	14	2.08
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	2	2.08
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	2	2.08
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	2	2.08
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	2	2.08
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	2	2.08
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	2	2.08
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	2	2.08
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	2	2.08
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	2	2.08
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	19	2.08
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	19	2.08
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	19	2.08
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	2	2.08
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	2	2.08
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	2	2.08
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	11	2.07
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	11	2.07
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	11	2.07
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	20	2.07
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	20	2.07
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	20	2.07
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	1	2.07
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	1	2.07
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	1	2.07
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	5	2.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	5	2.06
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	5	2.06
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	16	2.06
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	16	2.06
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	16	2.06
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	7	2.05
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	7	2.05
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	7	2.05
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	18	2.05
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	18	2.05
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	18	2.05
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	20	2.05
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	20	2.05
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	20	2.05
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	7	2.05
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	7	2.05
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	7	2.05
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD21	17	2.05
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD22	17	2.05
(1,8)	1:157:A:LEU:HD21	1:160:A:LEU:HD23	17	2.05
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD21	17	2.05
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD22	17	2.05
(1,8)	1:157:A:LEU:HD22	1:160:A:LEU:HD23	17	2.05
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD21	17	2.05
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD22	17	2.05
(1,8)	1:157:A:LEU:HD23	1:160:A:LEU:HD23	17	2.05
(2,55)	1:157:A:LEU:HD21	1:160:A:LEU:HA	2	2.04
(2,55)	1:157:A:LEU:HD22	1:160:A:LEU:HA	2	2.04
(2,55)	1:157:A:LEU:HD23	1:160:A:LEU:HA	2	2.04
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	2	2.04
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	2	2.04
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	2	2.04
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	2	2.04
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	2	2.04
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	2	2.04
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	14	2.04
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	14	2.04
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	14	2.04
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	16	2.04
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	16	2.04
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	16	2.04
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	17	2.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	17	2.04
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	17	2.04
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	17	2.04
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	17	2.04
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	17	2.04
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	17	2.04
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	17	2.04
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	17	2.04
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	6	2.04
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	18	2.04
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	5	2.03
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	5	2.03
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	5	2.03
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	2	2.03
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	2	2.03
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	2	2.03
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	18	2.03
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	18	2.03
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	18	2.03
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	1	2.02
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	1	2.02
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	1	2.02
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	14	2.01
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	14	2.01
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	14	2.01
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	12	2.01
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	12	2.01
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	12	2.01
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD2	17	2.01
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	20	2.01
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	20	2.01
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	20	2.01
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG21	19	2.0
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG22	19	2.0
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG23	19	2.0
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	14	2.0
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	16	2.0
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	16	2.0
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	16	2.0
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	8	2.0
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	8	2.0
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	8	2.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	20	1.99
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	20	1.99
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	20	1.99
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	1	1.99
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	1	1.99
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	1	1.99
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	1	1.99
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	1	1.99
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	1	1.99
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	17	1.99
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	17	1.99
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	17	1.99
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	11	1.99
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	11	1.99
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	11	1.99
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	14	1.98
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	14	1.98
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	14	1.98
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD11	17	1.98
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD12	17	1.98
(1,1335)	1:87:A:ASN:H	1:96:A:LEU:HD13	17	1.98
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	18	1.98
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	18	1.98
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	18	1.98
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	16	1.97
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	16	1.97
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	16	1.97
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	16	1.97
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	16	1.97
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	16	1.97
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	4	1.97
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	15	1.97
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	15	1.97
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	15	1.97
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	15	1.96
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	15	1.96
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	15	1.96
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	15	1.96
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	15	1.96
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	15	1.96
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	9	1.95
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	9	1.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	9	1.95
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	9	1.95
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	9	1.95
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	9	1.95
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	15	1.94
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	15	1.94
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	15	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	3	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	3	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	3	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	14	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	14	1.94
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	14	1.94
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	12	1.94
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	12	1.94
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	12	1.94
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	12	1.94
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	12	1.94
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	12	1.94
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	12	1.94
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	12	1.94
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	12	1.94
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	18	1.93
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	18	1.93
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	18	1.93
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	18	1.93
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	18	1.93
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	18	1.93
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	11	1.93
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	11	1.93
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	11	1.93
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	11	1.93
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	11	1.93
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	11	1.93
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	11	1.93
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	11	1.93
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	11	1.93
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	12	1.93
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	12	1.93
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	12	1.93
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	12	1.93
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	12	1.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	12	1.93
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	12	1.93
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	12	1.93
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	12	1.93
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	15	1.93
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	15	1.93
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	15	1.93
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	5	1.93
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	5	1.93
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	5	1.93
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	5	1.93
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	5	1.93
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	5	1.93
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	7	1.93
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	7	1.93
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	7	1.93
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	12	1.92
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	12	1.92
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	12	1.92
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	12	1.92
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	12	1.92
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	12	1.92
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	4	1.92
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	4	1.92
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	4	1.92
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	4	1.92
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	4	1.92
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	4	1.92
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	4	1.92
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	4	1.92
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	4	1.92
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	3	1.92
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	17	1.92
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	17	1.92
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	17	1.92
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	17	1.92
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	17	1.92
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	17	1.92
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	9	1.91
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	9	1.91
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	9	1.91
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	9	1.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	9	1.91
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	9	1.91
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	8	1.91
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	8	1.91
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	8	1.91
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	8	1.91
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	8	1.91
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	8	1.91
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	6	1.91
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	6	1.91
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	6	1.91
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	11	1.91
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	11	1.91
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	11	1.91
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	11	1.91
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	11	1.91
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	11	1.91
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	11	1.91
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	11	1.91
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	11	1.91
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	20	1.91
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	7	1.91
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	7	1.91
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	7	1.91
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	13	1.9
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	13	1.9
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	13	1.9
(2,61)	1:28:A:LEU:HD21	1:32:A:TYR:HB3	8	1.89
(2,61)	1:28:A:LEU:HD22	1:32:A:TYR:HB3	8	1.89
(2,61)	1:28:A:LEU:HD23	1:32:A:TYR:HB3	8	1.89
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	9	1.89
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	9	1.89
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	9	1.89
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	11	1.89
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	11	1.89
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	11	1.89
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	11	1.89
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	11	1.89
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	11	1.89
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	4	1.89
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	4	1.89
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	4	1.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	9	1.89
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	9	1.89
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	9	1.89
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	3	1.88
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	3	1.88
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	3	1.88
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	3	1.88
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	3	1.88
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	3	1.88
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	10	1.88
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	10	1.88
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	10	1.88
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	10	1.88
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	10	1.88
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	10	1.88
(1,1754)	1:33:A:PHE:HD2	1:38:A:LEU:HD21	20	1.88
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	17	1.88
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	17	1.88
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	17	1.88
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	17	1.88
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	17	1.88
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	17	1.88
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	17	1.88
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	17	1.88
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	17	1.88
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	20	1.88
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	20	1.88
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	20	1.88
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	6	1.87
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	6	1.87
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	6	1.87
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	1	1.87
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	1	1.87
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	1	1.87
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	1	1.87
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	1	1.87
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	1	1.87
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	10	1.87
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	10	1.87
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	10	1.87
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	10	1.87
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	10	1.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	10	1.87
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	17	1.87
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	17	1.87
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	17	1.87
(1,202)	1:28:A:LEU:HD21	1:32:A:TYR:HB2	8	1.87
(1,202)	1:28:A:LEU:HD22	1:32:A:TYR:HB2	8	1.87
(1,202)	1:28:A:LEU:HD23	1:32:A:TYR:HB2	8	1.87
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	8	1.86
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	8	1.86
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	8	1.86
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	6	1.86
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	6	1.86
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	6	1.86
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	6	1.86
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	6	1.86
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	6	1.86
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	11	1.86
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	11	1.86
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	11	1.86
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	11	1.86
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	11	1.86
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	11	1.86
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	13	1.86
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	13	1.86
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	13	1.86
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	10	1.85
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	10	1.85
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	10	1.85
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	12	1.85
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	12	1.85
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	12	1.85
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	15	1.85
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	15	1.85
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	15	1.85
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD21	17	1.85
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD22	17	1.85
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD23	17	1.85
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD21	17	1.85
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD22	17	1.85
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD23	17	1.85
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	6	1.85
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	6	1.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	6	1.85
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	9	1.85
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	15	1.85
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	1	1.85
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	19	1.85
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	19	1.85
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	19	1.85
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	16	1.84
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	16	1.84
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	16	1.84
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	16	1.84
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	16	1.84
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	16	1.84
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	13	1.84
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	13	1.84
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	13	1.84
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	13	1.84
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	13	1.84
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	13	1.84
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD11	18	1.84
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD12	18	1.84
(1,2138)	1:82:A:ILE:HA	1:96:A:LEU:HD13	18	1.84
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	20	1.84
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	18	1.84
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	18	1.84
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	18	1.84
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	12	1.84
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	6	1.84
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	6	1.84
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	6	1.84
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	14	1.84
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	14	1.84
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	14	1.84
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	3	1.83
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD21	11	1.83
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD22	11	1.83
(1,2338)	1:156:A:PHE:HD1	1:160:A:LEU:HD23	11	1.83
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD21	11	1.83
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD22	11	1.83
(1,2338)	1:156:A:PHE:HD2	1:160:A:LEU:HD23	11	1.83
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	14	1.83
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	14	1.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	14	1.83
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	14	1.83
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	14	1.83
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	14	1.83
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	14	1.83
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	14	1.83
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	14	1.83
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	5	1.82
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	5	1.82
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	5	1.82
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	5	1.82
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	5	1.82
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	5	1.82
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	20	1.82
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	15	1.82
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	15	1.82
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	15	1.82
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	20	1.82
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	20	1.82
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	20	1.82
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	20	1.82
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	20	1.82
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	20	1.82
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	7	1.82
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	7	1.82
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	7	1.82
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	12	1.82
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	2	1.81
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	16	1.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	17	1.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	17	1.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	17	1.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	17	1.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	17	1.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	17	1.81
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	9	1.81
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	9	1.81
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	9	1.81
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	9	1.81
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	9	1.81
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	9	1.81
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	14	1.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	14	1.81
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	14	1.81
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	19	1.81
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	19	1.81
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	19	1.81
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	19	1.81
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	19	1.81
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	19	1.81
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	4	1.81
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	4	1.81
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	4	1.81
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	4	1.81
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	4	1.81
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	4	1.81
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	17	1.81
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	6	1.81
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	6	1.81
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	6	1.81
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	18	1.8
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	16	1.8
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	4	1.8
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	4	1.8
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	4	1.8
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	4	1.8
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	4	1.8
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	4	1.8
(1,1967)	1:91:A:VAL:HG21	1:92:A:TRP:HB3	5	1.8
(1,1967)	1:91:A:VAL:HG22	1:92:A:TRP:HB3	5	1.8
(1,1967)	1:91:A:VAL:HG23	1:92:A:TRP:HB3	5	1.8
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	15	1.8
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	15	1.8
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	15	1.8
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	9	1.8
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	7	1.8
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	4	1.79
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	15	1.79
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	15	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	15	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	15	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	15	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	15	1.79
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	16	1.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	16	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	16	1.79
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	16	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	16	1.79
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	16	1.79
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	8	1.79
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	8	1.79
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	8	1.79
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	13	1.79
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	13	1.79
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	13	1.79
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	13	1.79
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	13	1.79
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	13	1.79
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	16	1.79
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	14	1.78
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	19	1.78
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	2	1.78
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	2	1.78
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	2	1.78
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	2	1.78
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	2	1.78
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	2	1.78
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	18	1.78
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD2	3	1.78
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	16	1.78
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	20	1.77
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	20	1.77
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	13	1.77
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	13	1.77
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	13	1.77
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	12	1.77
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	13	1.77
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	13	1.77
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	13	1.77
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	13	1.77
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	13	1.77
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	13	1.77
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	14	1.77
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	14	1.77
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	14	1.77
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	14	1.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	14	1.77
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	14	1.77
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	16	1.77
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	6	1.77
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	6	1.77
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	6	1.77
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	1	1.77
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	1	1.77
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	1	1.77
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	1	1.77
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	1	1.77
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	1	1.77
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	8	1.77
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	16	1.77
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	3	1.76
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	3	1.76
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	3	1.76
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	2	1.76
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	2	1.76
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	2	1.76
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	2	1.76
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	2	1.76
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	2	1.76
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	16	1.76
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	3	1.76
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	3	1.76
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	3	1.76
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD2	14	1.76
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD21	17	1.76
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD22	17	1.76
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD23	17	1.76
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	4	1.76
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	4	1.76
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	2	1.75
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	14	1.75
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	14	1.75
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	14	1.75
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	10	1.75
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	10	1.75
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	10	1.75
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	11	1.75
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	9	1.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	5	1.74
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	5	1.74
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	5	1.74
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	8	1.74
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	8	1.74
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	8	1.74
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	8	1.74
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	8	1.74
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	8	1.74
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	6	1.74
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	6	1.74
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	6	1.74
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	6	1.74
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	6	1.74
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	6	1.74
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	8	1.74
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	8	1.74
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	8	1.74
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	8	1.74
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	8	1.74
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	8	1.74
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	14	1.74
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	19	1.74
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	19	1.74
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	19	1.74
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	11	1.73
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	11	1.73
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	11	1.73
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	17	1.73
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	17	1.73
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	17	1.73
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	6	1.73
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	9	1.73
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	17	1.73
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	4	1.73
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	15	1.73
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	15	1.73
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	15	1.73
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	15	1.73
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	15	1.73
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	15	1.73
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	4	1.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	4	1.73
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	4	1.73
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	4	1.73
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	4	1.73
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	4	1.73
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	4	1.73
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	4	1.73
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	4	1.73
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD21	11	1.73
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD22	11	1.73
(1,259)	1:156:A:PHE:HA	1:160:A:LEU:HD23	11	1.73
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	2	1.73
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	12	1.73
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	8	1.72
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	3	1.72
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	11	1.72
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	13	1.72
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD1	19	1.72
(1,631)	1:28:A:LEU:HD21	1:32:A:TYR:HD2	19	1.72
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD1	19	1.72
(1,631)	1:28:A:LEU:HD22	1:32:A:TYR:HD2	19	1.72
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD1	19	1.72
(1,631)	1:28:A:LEU:HD23	1:32:A:TYR:HD2	19	1.72
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	18	1.72
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	18	1.72
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	18	1.72
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	18	1.72
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	18	1.72
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	18	1.72
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	18	1.72
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	18	1.72
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	18	1.72
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	15	1.72
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG11	7	1.72
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG12	7	1.72
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG13	7	1.72
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	13	1.72
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	7	1.72
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	7	1.72
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	7	1.72
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	12	1.72
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	12	1.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	15	1.71
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	15	1.71
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	15	1.71
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	4	1.71
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	20	1.71
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	20	1.71
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	20	1.71
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	20	1.71
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	20	1.71
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	20	1.71
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	19	1.71
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	3	1.71
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	3	1.71
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	3	1.71
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	3	1.71
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	3	1.71
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	3	1.71
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	18	1.7
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	18	1.7
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	18	1.7
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	18	1.7
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	18	1.7
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	18	1.7
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	18	1.7
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	18	1.7
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	18	1.7
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	13	1.7
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	18	1.69
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	9	1.69
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	9	1.69
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	9	1.69
(1,2536)	1:24:A:LEU:HD11	1:27:A:LEU:HB2	15	1.69
(1,2536)	1:24:A:LEU:HD12	1:27:A:LEU:HB2	15	1.69
(1,2536)	1:24:A:LEU:HD13	1:27:A:LEU:HB2	15	1.69
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	6	1.69
(1,697)	1:58:A:VAL:HG11	1:60:A:SER:HB2	18	1.69
(1,697)	1:58:A:VAL:HG12	1:60:A:SER:HB2	18	1.69
(1,697)	1:58:A:VAL:HG13	1:60:A:SER:HB2	18	1.69
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	15	1.69
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	15	1.69
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	15	1.69
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	15	1.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	15	1.69
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	15	1.69
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	18	1.69
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	18	1.69
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	18	1.69
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	18	1.69
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	18	1.69
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	18	1.69
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	9	1.69
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	9	1.69
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	9	1.69
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	9	1.69
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	9	1.69
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	9	1.69
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	9	1.69
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	9	1.69
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	9	1.69
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	2	1.69
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	11	1.69
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	17	1.69
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	11	1.69
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	8	1.69
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	5	1.68
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	5	1.68
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	8	1.68
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	8	1.68
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	8	1.68
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	17	1.68
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	17	1.68
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	17	1.68
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	1	1.68
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	10	1.68
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	18	1.68
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	18	1.68
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	18	1.68
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	18	1.68
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	19	1.67
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	12	1.67
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	12	1.67
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	12	1.67
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	8	1.67
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	8	1.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	8	1.67
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	9	1.67
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	9	1.67
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	9	1.67
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	9	1.67
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	9	1.67
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	9	1.67
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	10	1.67
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	10	1.67
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	10	1.67
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	12	1.67
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	12	1.67
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	12	1.67
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	7	1.67
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	7	1.67
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	12	1.66
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	12	1.66
(1,2220)	1:28:A:LEU:HD21	1:33:A:PHE:HE2	8	1.66
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	8	1.66
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	18	1.66
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	8	1.66
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	9	1.66
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	9	1.66
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	9	1.66
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	12	1.66
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	19	1.65
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	19	1.65
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	16	1.65
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	10	1.65
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	10	1.65
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	11	1.65
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	14	1.64
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	14	1.64
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	15	1.64
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	15	1.64
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	15	1.64
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	15	1.64
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	15	1.64
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	15	1.64
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	2	1.64
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	2	1.64
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	2	1.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	11	1.64
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	11	1.64
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	11	1.64
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	11	1.64
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	11	1.64
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	11	1.64
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	11	1.64
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	11	1.64
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	11	1.64
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	14	1.64
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	15	1.64
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	15	1.64
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	15	1.64
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	16	1.64
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	16	1.64
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	16	1.64
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	16	1.64
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	16	1.64
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	16	1.64
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	16	1.64
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	16	1.64
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	16	1.64
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	8	1.64
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	6	1.64
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	2	1.64
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	2	1.64
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	2	1.64
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	2	1.64
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	2	1.64
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	2	1.64
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	18	1.64
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	14	1.64
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	11	1.63
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	5	1.63
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	5	1.63
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	5	1.63
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	5	1.63
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	5	1.63
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	5	1.63
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	15	1.63
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	18	1.63
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	18	1.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	18	1.63
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	10	1.63
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	10	1.63
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	10	1.63
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	10	1.63
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	10	1.63
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	10	1.63
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	3	1.63
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	20	1.63
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	3	1.63
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	2	1.63
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	13	1.63
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	4	1.62
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	19	1.62
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	19	1.62
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	19	1.62
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	13	1.62
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	13	1.62
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	13	1.62
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	12	1.62
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	12	1.62
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	12	1.62
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	12	1.62
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	12	1.62
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	12	1.62
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	11	1.62
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	11	1.62
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	11	1.62
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	13	1.62
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	17	1.62
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	6	1.62
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	6	1.62
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	1	1.61
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	1	1.61
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	3	1.61
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	3	1.61
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	10	1.61
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	17	1.61
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	17	1.61
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	17	1.61
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	10	1.61
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	5	1.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	17	1.61
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	17	1.61
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	17	1.61
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	17	1.61
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	17	1.61
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	17	1.61
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	20	1.61
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	20	1.61
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	20	1.61
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	20	1.61
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	20	1.61
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	20	1.61
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	20	1.61
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	20	1.61
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	20	1.61
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	1	1.61
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	15	1.61
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	18	1.61
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	19	1.61
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	2	1.6
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	2	1.6
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	13	1.6
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	9	1.6
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	9	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	9	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	9	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	9	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	9	1.6
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	19	1.6
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	19	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	19	1.6
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	19	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	19	1.6
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	19	1.6
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	2	1.6
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	4	1.6
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	10	1.6
(1,173)	1:63:A:TYR:H	1:64:A:ARG:HG3	3	1.6
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	3	1.6
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	10	1.59
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	11	1.59
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	11	1.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	18	1.59
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	18	1.59
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	18	1.59
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	6	1.59
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	6	1.59
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	6	1.59
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	6	1.59
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	6	1.59
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	6	1.59
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	7	1.59
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	8	1.59
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	7	1.59
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	15	1.58
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	15	1.58
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	16	1.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	3	1.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	3	1.58
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	3	1.58
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	1	1.58
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	1	1.58
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	1	1.58
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	1	1.58
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	1	1.58
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	1	1.58
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	3	1.58
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	9	1.58
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	14	1.58
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	14	1.58
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	13	1.58
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	16	1.58
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	16	1.58
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	16	1.58
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	10	1.57
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	8	1.57
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	14	1.57
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	14	1.57
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	14	1.57
(1,2095)	1:58:A:VAL:HG11	1:59:A:THR:HA	18	1.57
(1,2095)	1:58:A:VAL:HG12	1:59:A:THR:HA	18	1.57
(1,2095)	1:58:A:VAL:HG13	1:59:A:THR:HA	18	1.57
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	11	1.57
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	11	1.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	11	1.57
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	11	1.57
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	11	1.57
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	11	1.57
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE22	12	1.57
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE22	12	1.57
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE22	12	1.57
(1,455)	1:98:A:LEU:HD21	1:161:A:GLN:HE21	12	1.57
(1,455)	1:98:A:LEU:HD22	1:161:A:GLN:HE21	12	1.57
(1,455)	1:98:A:LEU:HD23	1:161:A:GLN:HE21	12	1.57
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	14	1.57
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	16	1.57
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	3	1.57
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	3	1.57
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	11	1.56
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	11	1.56
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG21	7	1.56
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG22	7	1.56
(2,58)	1:127:A:THR:HB	1:170:A:VAL:HG23	7	1.56
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	8	1.56
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	8	1.56
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	8	1.56
(1,2220)	1:28:A:LEU:HD23	1:33:A:PHE:HE2	16	1.56
(1,1756)	1:153:A:LEU:HD21	1:156:A:PHE:HB2	9	1.56
(1,1756)	1:153:A:LEU:HD22	1:156:A:PHE:HB2	9	1.56
(1,1756)	1:153:A:LEU:HD23	1:156:A:PHE:HB2	9	1.56
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	10	1.56
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	19	1.56
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	4	1.56
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	11	1.55
(1,2572)	1:128:A:VAL:HG21	1:135:A:TRP:HE3	19	1.55
(1,2572)	1:128:A:VAL:HG22	1:135:A:TRP:HE3	19	1.55
(1,2572)	1:128:A:VAL:HG23	1:135:A:TRP:HE3	19	1.55
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	13	1.55
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	13	1.55
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	8	1.55
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	16	1.55
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	19	1.55
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	12	1.54
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	12	1.54
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	12	1.54
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	12	1.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	12	1.54
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	12	1.54
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	20	1.54
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	13	1.54
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	4	1.54
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	4	1.54
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	4	1.54
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	4	1.54
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	4	1.54
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	4	1.54
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	15	1.54
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	8	1.54
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	8	1.54
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	8	1.54
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	8	1.54
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	8	1.54
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	8	1.54
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	8	1.54
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	8	1.54
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	8	1.54
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	5	1.54
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	18	1.54
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	11	1.54
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	11	1.54
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	11	1.54
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	20	1.54
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	1	1.53
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	15	1.53
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	8	1.53
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	8	1.53
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	3	1.53
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	3	1.53
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	3	1.53
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	16	1.53
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	16	1.53
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	16	1.53
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	16	1.53
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	16	1.53
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	16	1.53
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	16	1.53
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	16	1.53
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	16	1.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	20	1.53
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	4	1.53
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	4	1.53
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	4	1.53
(1,340)	1:157:A:LEU:H	1:160:A:LEU:HB2	19	1.53
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	17	1.53
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	18	1.53
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	18	1.53
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	2	1.52
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	2	1.52
(1,1823)	1:153:A:LEU:HD21	1:157:A:LEU:HB3	9	1.52
(1,1823)	1:153:A:LEU:HD22	1:157:A:LEU:HB3	9	1.52
(1,1823)	1:153:A:LEU:HD23	1:157:A:LEU:HB3	9	1.52
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG21	19	1.52
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG22	19	1.52
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG23	19	1.52
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG21	19	1.52
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG22	19	1.52
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG23	19	1.52
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG21	19	1.52
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG22	19	1.52
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG23	19	1.52
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	2	1.52
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	18	1.52
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	4	1.52
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	2	1.51
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	2	1.51
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	2	1.51
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	2	1.51
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	2	1.51
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	2	1.51
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	3	1.51
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	3	1.51
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	3	1.51
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	3	1.51
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	3	1.51
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	3	1.51
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB1	12	1.51
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB2	12	1.51
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB3	12	1.51
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	20	1.51
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	20	1.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	20	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	20	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	20	1.51
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	20	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	20	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	20	1.51
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	20	1.51
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	6	1.51
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	14	1.51
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	16	1.51
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	16	1.51
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	16	1.51
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	5	1.51
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	6	1.51
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	15	1.51
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	10	1.51
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	13	1.51
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	20	1.51
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	20	1.51
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	20	1.51
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	1	1.5
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	1	1.5
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	1	1.5
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	1	1.5
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	1	1.5
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	1	1.5
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	6	1.5
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	6	1.5
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	6	1.5
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	6	1.5
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	6	1.5
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	6	1.5
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	17	1.5
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	17	1.5
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	17	1.5
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	17	1.5
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	17	1.5
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	17	1.5
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	12	1.5
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	12	1.5
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	12	1.5
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG21	19	1.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG22	19	1.5
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG23	19	1.5
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG21	19	1.5
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG22	19	1.5
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG23	19	1.5
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG21	19	1.5
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG22	19	1.5
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG23	19	1.5
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	17	1.5
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	6	1.5
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	6	1.5
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	6	1.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	6	1.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	6	1.5
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	6	1.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	6	1.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	6	1.5
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	6	1.5
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	20	1.5
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	20	1.5
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	20	1.5
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	12	1.5
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	12	1.5
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	12	1.5
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	12	1.5
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	12	1.5
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	12	1.5
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	16	1.5
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	16	1.5
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	16	1.5
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	16	1.5
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	16	1.5
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	16	1.5
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	4	1.5
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	6	1.5
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	6	1.5
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	20	1.5
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	20	1.5
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	2	1.5
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	14	1.5
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	5	1.49
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	5	1.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	5	1.49
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	5	1.49
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	5	1.49
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	5	1.49
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	20	1.49
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD11	18	1.49
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD12	18	1.49
(1,2195)	1:82:A:ILE:HB	1:96:A:LEU:HD13	18	1.49
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	14	1.49
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	14	1.49
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	14	1.49
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	14	1.49
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	14	1.49
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	14	1.49
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	14	1.49
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	14	1.49
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	14	1.49
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	13	1.49
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD21	14	1.49
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD22	14	1.49
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD23	14	1.49
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	14	1.49
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	9	1.49
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	12	1.49
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	10	1.49
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	10	1.49
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	10	1.49
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	15	1.48
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	15	1.48
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	15	1.48
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	15	1.48
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	15	1.48
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	15	1.48
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	12	1.48
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	2	1.48
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	2	1.48
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	2	1.48
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	2	1.48
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	2	1.48
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	2	1.48
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	2	1.48
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	2	1.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	2	1.48
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	15	1.48
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	5	1.48
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	13	1.48
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	13	1.48
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	13	1.48
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	3	1.48
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	20	1.48
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	20	1.48
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	1	1.48
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	1	1.48
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	20	1.48
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	20	1.48
(1,185)	1:63:A:TYR:HA	1:64:A:ARG:HG3	3	1.48
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	4	1.48
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	4	1.48
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	4	1.48
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	11	1.47
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	11	1.47
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	11	1.47
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	11	1.47
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	11	1.47
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	11	1.47
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	6	1.47
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	7	1.47
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD21	20	1.47
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD22	20	1.47
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD23	20	1.47
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	2	1.47
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	11	1.47
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	4	1.47
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	4	1.47
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	4	1.47
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	8	1.47
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	8	1.47
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	8	1.47
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	8	1.47
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	8	1.47
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	8	1.47
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	1	1.47
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	1	1.47
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	1	1.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	1	1.47
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	1	1.47
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	1	1.47
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	5	1.47
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	5	1.47
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	10	1.47
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	10	1.47
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	7	1.47
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	7	1.47
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	1	1.47
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	1	1.47
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	10	1.47
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	11	1.46
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	11	1.46
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	11	1.46
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	11	1.46
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	11	1.46
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	11	1.46
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	11	1.46
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	11	1.46
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	11	1.46
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	3	1.46
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	19	1.46
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	19	1.46
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	19	1.46
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	19	1.46
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	19	1.46
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	19	1.46
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	19	1.46
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	19	1.46
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	19	1.46
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	3	1.46
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	9	1.46
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	18	1.46
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	16	1.46
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	19	1.46
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	19	1.46
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	19	1.46
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	16	1.46
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	16	1.46
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	14	1.46
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	17	1.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	17	1.45
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	17	1.45
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	17	1.45
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	17	1.45
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	17	1.45
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	17	1.45
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	17	1.45
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	17	1.45
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	10	1.45
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	10	1.45
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	9	1.45
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	14	1.45
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	18	1.45
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	18	1.45
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	18	1.45
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	20	1.45
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	20	1.45
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	20	1.45
(1,2220)	1:28:A:LEU:HD21	1:33:A:PHE:HE2	20	1.45
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	7	1.45
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	19	1.45
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	5	1.45
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	5	1.45
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	5	1.45
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	5	1.45
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	5	1.45
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	5	1.45
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	5	1.45
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	5	1.45
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	5	1.45
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	6	1.45
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	19	1.45
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	18	1.45
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	18	1.45
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	8	1.45
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	8	1.45
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	6	1.45
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	6	1.45
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	9	1.44
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	9	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	9	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	9	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	9	1.44
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	9	1.44
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	13	1.44
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	13	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	13	1.44
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	13	1.44
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	13	1.44
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	13	1.44
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	18	1.44
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	5	1.44
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG11	20	1.44
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG12	20	1.44
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG13	20	1.44
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG11	20	1.44
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG12	20	1.44
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG13	20	1.44
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	19	1.44
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	1	1.44
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	11	1.44
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	13	1.44
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	10	1.44
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	10	1.44
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	17	1.44
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	17	1.44
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	2	1.44
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	4	1.44
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	14	1.44
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	7	1.44
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	7	1.44
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	7	1.44
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	7	1.44
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	7	1.44
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	7	1.44
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	7	1.44
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	7	1.44
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	7	1.44
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	11	1.44
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	11	1.44
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	11	1.44
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	6	1.44
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	6	1.44
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	6	1.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	6	1.44
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	6	1.44
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	6	1.44
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	9	1.44
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	19	1.44
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	19	1.44
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	19	1.44
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	5	1.44
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	5	1.44
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	10	1.43
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	10	1.43
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	10	1.43
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	10	1.43
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	10	1.43
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	10	1.43
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	8	1.43
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	4	1.43
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	4	1.43
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	16	1.43
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	5	1.43
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	8	1.43
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	4	1.43
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	12	1.43
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	8	1.43
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	8	1.43
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	8	1.43
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	20	1.43
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	20	1.43
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	20	1.43
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	13	1.43
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	13	1.43
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	13	1.43
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	13	1.43
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	13	1.43
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	13	1.43
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	1	1.43
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	9	1.43
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	10	1.43
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	17	1.43
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	17	1.43
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	17	1.43
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	17	1.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	19	1.43
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	19	1.43
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	8	1.42
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	8	1.42
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	8	1.42
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	8	1.42
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	8	1.42
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	8	1.42
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	15	1.42
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	15	1.42
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	15	1.42
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	15	1.42
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	15	1.42
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	15	1.42
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	15	1.42
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	15	1.42
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	15	1.42
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	16	1.42
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	16	1.42
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	16	1.42
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	16	1.42
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	16	1.42
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	16	1.42
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	16	1.42
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	16	1.42
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	16	1.42
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	20	1.42
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	20	1.42
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	20	1.42
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	20	1.42
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	20	1.42
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	20	1.42
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	10	1.42
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	13	1.42
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	4	1.42
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	4	1.42
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	8	1.42
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG21	7	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG22	7	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG23	7	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG21	19	1.41
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG22	19	1.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2027)	1:117:A:PHE:HA	1:170:A:VAL:HG23	19	1.41
(1,1945)	1:142:A:LEU:HB3	1:144:A:GLY:HA2	4	1.41
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	13	1.41
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	13	1.41
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	13	1.41
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	13	1.41
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	13	1.41
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	13	1.41
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	13	1.41
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	13	1.41
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	13	1.41
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	11	1.41
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	11	1.41
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	11	1.41
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	11	1.41
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	11	1.41
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	11	1.41
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG11	19	1.41
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG12	19	1.41
(1,434)	1:96:A:LEU:H	1:170:A:VAL:HG13	19	1.41
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	5	1.41
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	5	1.41
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	5	1.41
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	13	1.41
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	13	1.41
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	2	1.41
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	2	1.4
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	17	1.4
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	20	1.4
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	20	1.4
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	20	1.4
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	3	1.4
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	3	1.4
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	12	1.4
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	1	1.4
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	3	1.4
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	20	1.4
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	10	1.4
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	13	1.4
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	13	1.4
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	13	1.4
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	12	1.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	15	1.4
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	4	1.4
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	4	1.4
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	10	1.4
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	10	1.4
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG21	7	1.4
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG22	7	1.4
(1,190)	1:127:A:THR:HG21	1:170:A:VAL:HG23	7	1.4
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG21	7	1.4
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG22	7	1.4
(1,190)	1:127:A:THR:HG22	1:170:A:VAL:HG23	7	1.4
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG21	7	1.4
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG22	7	1.4
(1,190)	1:127:A:THR:HG23	1:170:A:VAL:HG23	7	1.4
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	7	1.39
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	19	1.39
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	19	1.39
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	18	1.39
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	1	1.39
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	19	1.39
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	19	1.39
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	19	1.39
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	14	1.39
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	14	1.39
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	14	1.39
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	14	1.39
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	14	1.39
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	14	1.39
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	14	1.39
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	14	1.39
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	14	1.39
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG21	19	1.39
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG22	19	1.39
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG23	19	1.39
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG21	19	1.39
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG22	19	1.39
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG23	19	1.39
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG21	19	1.39
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG22	19	1.39
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG23	19	1.39
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	2	1.39
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	2	1.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	2	1.39
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	2	1.39
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	2	1.39
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	2	1.39
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	2	1.39
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	2	1.39
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	2	1.39
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	6	1.39
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	6	1.39
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	6	1.39
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	19	1.39
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	2	1.39
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	2	1.39
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	10	1.38
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	12	1.38
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	13	1.38
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	20	1.38
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	11	1.38
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	11	1.38
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	14	1.38
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	7	1.38
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	7	1.38
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	7	1.38
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	7	1.38
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	7	1.38
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	7	1.38
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	13	1.38
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	14	1.38
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	17	1.37
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	4	1.37
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	4	1.37
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	4	1.37
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	4	1.37
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	4	1.37
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	4	1.37
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	6	1.37
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	17	1.37
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	17	1.37
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	17	1.37
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	17	1.37
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	17	1.37
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	17	1.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	10	1.37
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	1	1.37
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	1	1.37
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	1	1.37
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	14	1.37
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	14	1.37
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	14	1.37
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	14	1.37
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	15	1.37
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	15	1.37
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	15	1.37
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	7	1.37
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	7	1.37
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	7	1.37
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	11	1.37
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	11	1.37
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	11	1.37
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	19	1.37
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	19	1.37
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	9	1.37
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	9	1.37
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	1	1.36
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	14	1.36
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	20	1.36
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	20	1.36
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	20	1.36
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	17	1.36
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	17	1.36
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	17	1.36
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	2	1.36
(1,2333)	1:91:A:VAL:HG21	1:92:A:TRP:HD1	5	1.36
(1,2333)	1:91:A:VAL:HG22	1:92:A:TRP:HD1	5	1.36
(1,2333)	1:91:A:VAL:HG23	1:92:A:TRP:HD1	5	1.36
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	15	1.36
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	19	1.36
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	19	1.36
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	19	1.36
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	19	1.36
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	19	1.36
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	19	1.36
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	19	1.36
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	19	1.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	19	1.36
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	13	1.36
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	13	1.36
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	8	1.36
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	12	1.36
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	12	1.36
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	12	1.36
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	13	1.36
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	3	1.36
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	3	1.36
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	3	1.36
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	13	1.36
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	13	1.36
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	13	1.36
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	7	1.36
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	15	1.36
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	5	1.36
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	5	1.36
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	4	1.36
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	4	1.36
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	18	1.36
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	7	1.35
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	18	1.35
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	18	1.35
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	18	1.35
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	4	1.35
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	4	1.35
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	4	1.35
(1,525)	1:153:A:LEU:HD21	1:157:A:LEU:HB2	9	1.35
(1,525)	1:153:A:LEU:HD22	1:157:A:LEU:HB2	9	1.35
(1,525)	1:153:A:LEU:HD23	1:157:A:LEU:HB2	9	1.35
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	18	1.35
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	18	1.35
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	18	1.35
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	18	1.35
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	18	1.35
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	18	1.35
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	6	1.35
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	3	1.35
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	1	1.35
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	1	1.35
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	11	1.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	11	1.35
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	16	1.35
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	16	1.35
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	16	1.35
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	16	1.35
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	16	1.35
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	16	1.35
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	16	1.35
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	16	1.35
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	16	1.35
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	1	1.34
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	3	1.34
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	9	1.34
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG21	7	1.34
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG22	7	1.34
(1,2051)	1:118:A:ILE:HD11	1:170:A:VAL:HG23	7	1.34
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG21	7	1.34
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG22	7	1.34
(1,2051)	1:118:A:ILE:HD12	1:170:A:VAL:HG23	7	1.34
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG21	7	1.34
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG22	7	1.34
(1,2051)	1:118:A:ILE:HD13	1:170:A:VAL:HG23	7	1.34
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	1	1.34
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	12	1.34
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	18	1.34
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	5	1.34
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	7	1.34
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	19	1.34
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG21	7	1.34
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG22	7	1.34
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG23	7	1.34
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB3	17	1.34
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB3	17	1.34
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB3	17	1.34
(1,523)	1:157:A:LEU:HD21	1:160:A:LEU:HB2	17	1.34
(1,523)	1:157:A:LEU:HD22	1:160:A:LEU:HB2	17	1.34
(1,523)	1:157:A:LEU:HD23	1:160:A:LEU:HB2	17	1.34
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	13	1.34
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	2	1.34
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	2	1.34
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	12	1.33
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	12	1.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	12	1.33
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	12	1.33
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	12	1.33
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	12	1.33
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	3	1.33
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	15	1.33
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	15	1.33
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	15	1.33
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	17	1.33
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	20	1.33
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	20	1.33
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	20	1.33
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	17	1.33
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	17	1.33
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	17	1.33
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	6	1.33
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	6	1.33
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG21	13	1.33
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG22	13	1.33
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG23	13	1.33
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	11	1.33
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	19	1.33
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	19	1.33
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	19	1.33
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	15	1.33
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	12	1.33
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	15	1.33
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	1	1.33
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	14	1.33
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	13	1.32
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	14	1.32
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	14	1.32
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	14	1.32
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	14	1.32
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	14	1.32
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	14	1.32
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	14	1.32
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	14	1.32
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	14	1.32
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	7	1.32
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	7	1.32
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	7	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	7	1.32
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	7	1.32
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	7	1.32
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	7	1.32
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	7	1.32
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	7	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	8	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	8	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	8	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	8	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	8	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	8	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	8	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	8	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	8	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	19	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	19	1.32
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	19	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	19	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	19	1.32
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	19	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	19	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	19	1.32
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	19	1.32
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG21	20	1.32
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG22	20	1.32
(1,1603)	1:83:A:GLN:H	1:84:A:VAL:HG23	20	1.32
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	1	1.32
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	2	1.32
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	10	1.32
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	13	1.32
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	5	1.32
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	17	1.32
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	19	1.32
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	11	1.32
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	3	1.32
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	3	1.32
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	15	1.32
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	15	1.32
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	15	1.32
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	5	1.32
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	9	1.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	9	1.32
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	9	1.32
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	9	1.32
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	9	1.32
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	9	1.32
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	9	1.32
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	9	1.32
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	9	1.32
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	15	1.31
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	9	1.31
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	12	1.31
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG11	13	1.31
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG12	13	1.31
(2,17)	1:73:A:ASN:HB2	1:84:A:VAL:HG13	13	1.31
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG11	13	1.31
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG12	13	1.31
(2,17)	1:73:A:ASN:HB3	1:84:A:VAL:HG13	13	1.31
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	19	1.31
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	19	1.31
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	19	1.31
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	2	1.31
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD21	17	1.31
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD22	17	1.31
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD23	17	1.31
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD22	2	1.31
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD22	2	1.31
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD22	2	1.31
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD21	2	1.31
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD21	2	1.31
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD21	2	1.31
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	9	1.31
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	15	1.31
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	15	1.31
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	15	1.31
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	16	1.31
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	16	1.31
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	16	1.31
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	15	1.31
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	15	1.31
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	15	1.31
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	1	1.31
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	6	1.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	10	1.31
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	18	1.31
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	12	1.31
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	12	1.31
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	15	1.3
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	15	1.3
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	15	1.3
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	4	1.3
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	2	1.3
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	2	1.3
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	2	1.3
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	11	1.3
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	11	1.3
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	11	1.3
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	1	1.3
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	4	1.3
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	15	1.3
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	20	1.3
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	12	1.3
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	13	1.3
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	13	1.3
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	14	1.3
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	14	1.3
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	5	1.29
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	5	1.29
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	5	1.29
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	1	1.29
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	1	1.29
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	1	1.29
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	9	1.29
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	10	1.29
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD21	11	1.29
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD22	11	1.29
(1,1826)	1:157:A:LEU:HB2	1:160:A:LEU:HD23	11	1.29
(1,1735)	1:112:A:ILE:HD11	1:153:A:LEU:HD11	9	1.29
(1,1735)	1:112:A:ILE:HD11	1:153:A:LEU:HD12	9	1.29
(1,1735)	1:112:A:ILE:HD11	1:153:A:LEU:HD13	9	1.29
(1,1735)	1:112:A:ILE:HD12	1:153:A:LEU:HD11	9	1.29
(1,1735)	1:112:A:ILE:HD12	1:153:A:LEU:HD12	9	1.29
(1,1735)	1:112:A:ILE:HD12	1:153:A:LEU:HD13	9	1.29
(1,1735)	1:112:A:ILE:HD13	1:153:A:LEU:HD11	9	1.29
(1,1735)	1:112:A:ILE:HD13	1:153:A:LEU:HD12	9	1.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1735)	1:112:A:ILE:HD13	1:153:A:LEU:HD13	9	1.29
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	5	1.29
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	5	1.29
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	5	1.29
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	9	1.29
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	14	1.29
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	14	1.29
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	14	1.29
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	12	1.29
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	6	1.29
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	9	1.29
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	11	1.29
(1,290)	1:9:A:ILE:HD11	1:10:A:PHE:HD1	16	1.29
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	19	1.29
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	2	1.29
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	12	1.29
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	12	1.29
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	19	1.28
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	19	1.28
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	19	1.28
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	9	1.28
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	9	1.28
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	9	1.28
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	5	1.28
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	5	1.28
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	5	1.28
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD21	16	1.28
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD22	16	1.28
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD23	16	1.28
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD21	16	1.28
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD22	16	1.28
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD23	16	1.28
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD21	16	1.28
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD22	16	1.28
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD23	16	1.28
(1,1744)	1:112:A:ILE:HB	1:153:A:LEU:HD11	9	1.28
(1,1744)	1:112:A:ILE:HB	1:153:A:LEU:HD12	9	1.28
(1,1744)	1:112:A:ILE:HB	1:153:A:LEU:HD13	9	1.28
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	9	1.28
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	15	1.28
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	5	1.28
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	5	1.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	5	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	10	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	10	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	10	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	19	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	19	1.28
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	19	1.28
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	2	1.28
(1,521)	1:160:A:LEU:HB3	1:166:A:SER:HB2	8	1.28
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	2	1.28
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	7	1.28
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	19	1.28
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	8	1.28
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	8	1.28
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	8	1.28
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	4	1.28
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	5	1.28
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	14	1.27
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	12	1.27
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	4	1.27
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	1	1.27
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	11	1.27
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	11	1.27
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	11	1.27
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	11	1.27
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	11	1.27
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	11	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	9	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	9	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	9	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	9	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	9	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	9	1.27
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	9	1.27
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	9	1.27
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	9	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	20	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	20	1.27
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	20	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	20	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	20	1.27
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	20	1.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	20	1.27
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	20	1.27
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	20	1.27
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	13	1.27
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	14	1.27
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	14	1.27
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	14	1.27
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	17	1.27
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	17	1.27
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	17	1.27
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	20	1.27
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	18	1.27
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	18	1.27
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	18	1.27
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	9	1.27
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	20	1.27
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	1	1.27
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	6	1.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	2	1.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	2	1.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	2	1.27
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	16	1.27
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	16	1.27
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	16	1.27
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	11	1.27
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD1	15	1.27
(1,212)	1:102:A:PRO:HG2	1:165:A:TYR:HD2	15	1.27
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	15	1.27
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	19	1.27
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	1	1.26
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	1	1.26
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	1	1.26
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	7	1.26
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	14	1.26
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	5	1.26
(1,2220)	1:28:A:LEU:HD22	1:33:A:PHE:HE2	19	1.26
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	1	1.26
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	1	1.26
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	1	1.26
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	1	1.26
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	1	1.26
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	1	1.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	1	1.26
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	1	1.26
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	1	1.26
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	18	1.26
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	18	1.26
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	18	1.26
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	6	1.26
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	1	1.26
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	1	1.26
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	1	1.26
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	4	1.26
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	10	1.26
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	2	1.26
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	7	1.26
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	7	1.26
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	7	1.26
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	5	1.26
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	16	1.26
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	16	1.26
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	1	1.26
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	4	1.25
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	4	1.25
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	4	1.25
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	10	1.25
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	10	1.25
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	10	1.25
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD21	9	1.25
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD22	9	1.25
(1,1990)	1:42:A:ALA:HB1	1:45:A:LEU:HD23	9	1.25
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD21	9	1.25
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD22	9	1.25
(1,1990)	1:42:A:ALA:HB2	1:45:A:LEU:HD23	9	1.25
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD21	9	1.25
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD22	9	1.25
(1,1990)	1:42:A:ALA:HB3	1:45:A:LEU:HD23	9	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	3	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	3	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	3	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	3	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	3	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	3	1.25
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	3	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	3	1.25
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	3	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	14	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	14	1.25
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	14	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	14	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	14	1.25
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	14	1.25
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	14	1.25
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	14	1.25
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	14	1.25
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	12	1.25
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	16	1.25
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	10	1.25
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	3	1.25
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	3	1.25
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	3	1.25
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	15	1.25
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	15	1.25
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	15	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	13	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	13	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	13	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	20	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	20	1.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	20	1.25
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	17	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	2	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	2	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	2	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	2	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	2	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	2	1.25
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	2	1.25
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	2	1.25
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	2	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	14	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	14	1.25
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	14	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	14	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	14	1.25
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	14	1.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	14	1.25
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	14	1.25
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	14	1.25
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	6	1.25
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	19	1.24
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	3	1.24
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	3	1.24
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	3	1.24
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD22	8	1.24
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD22	8	1.24
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD22	8	1.24
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD21	8	1.24
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD21	8	1.24
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD21	8	1.24
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	11	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	11	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	11	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	11	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	13	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	13	1.24
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	13	1.24
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	13	1.24
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	13	1.24
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	13	1.24
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	9	1.24
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	14	1.24
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	16	1.24
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	5	1.24
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	17	1.24
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	17	1.24
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	4	1.23
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	4	1.23
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	4	1.23
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	5	1.23
(1,1985)	1:24:A:LEU:HD11	1:33:A:PHE:HE2	10	1.23
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	9	1.23
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	20	1.23
(1,792)	1:96:A:LEU:HD21	1:171:A:LYS:H	15	1.23
(1,792)	1:96:A:LEU:HD22	1:171:A:LYS:H	15	1.23
(1,792)	1:96:A:LEU:HD23	1:171:A:LYS:H	15	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	1	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	1	1.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	1	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	8	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	8	1.23
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	8	1.23
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	7	1.23
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	19	1.23
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	19	1.23
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	19	1.23
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	19	1.23
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	9	1.23
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	9	1.23
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	9	1.23
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	9	1.23
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	9	1.23
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	9	1.23
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	9	1.23
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	9	1.23
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	9	1.23
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	7	1.22
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	7	1.22
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	7	1.22
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	7	1.22
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	7	1.22
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	7	1.22
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	7	1.22
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	7	1.22
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	7	1.22
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	7	1.22
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	7	1.22
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	9	1.22
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	9	1.22
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	9	1.22
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	18	1.22
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	4	1.22
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	4	1.22
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	4	1.22
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	4	1.22
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	4	1.22
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	4	1.22
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	2	1.22
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	2	1.22
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	15	1.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	15	1.22
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	16	1.21
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	16	1.21
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	10	1.21
(1,2108)	1:66:A:PHE:HB2	1:67:A:LEU:HG	15	1.21
(1,1368)	1:90:A:LYS:H	1:91:A:VAL:HG11	5	1.21
(1,1368)	1:90:A:LYS:H	1:91:A:VAL:HG12	5	1.21
(1,1368)	1:90:A:LYS:H	1:91:A:VAL:HG13	5	1.21
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	18	1.21
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	16	1.21
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	17	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	3	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	3	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	3	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	10	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	10	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	10	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	16	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	16	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	16	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	19	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	19	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	19	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	20	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	20	1.21
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	20	1.21
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	5	1.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	12	1.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	12	1.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	12	1.21
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	2	1.21
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	13	1.21
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	15	1.21
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	8	1.21
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	10	1.21
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	19	1.21
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	19	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	7	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	7	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	7	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	7	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	7	1.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	7	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	7	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	7	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	7	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	8	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	8	1.21
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	8	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	8	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	8	1.21
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	8	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	8	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	8	1.21
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	8	1.21
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	16	1.2
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	16	1.2
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	16	1.2
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	19	1.2
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	19	1.2
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	19	1.2
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	13	1.2
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	13	1.2
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	13	1.2
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD21	16	1.2
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD22	16	1.2
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD23	16	1.2
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	6	1.2
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	6	1.2
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	6	1.2
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	11	1.2
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	11	1.2
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	11	1.2
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	6	1.2
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	8	1.2
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	8	1.2
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	8	1.2
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	8	1.2
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	8	1.2
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	8	1.2
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	8	1.2
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	8	1.2
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	8	1.2
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD21	2	1.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD22	2	1.2
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD23	2	1.2
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	2	1.2
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	13	1.2
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG21	19	1.2
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG22	19	1.2
(1,1020)	1:117:A:PHE:H	1:170:A:VAL:HG23	19	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	6	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	6	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	6	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	7	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	7	1.2
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	7	1.2
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	9	1.2
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	14	1.2
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	8	1.2
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	20	1.2
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	20	1.2
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	20	1.2
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	7	1.2
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	12	1.2
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	12	1.2
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	15	1.2
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	15	1.2
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	15	1.2
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	15	1.2
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	15	1.2
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	15	1.2
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	15	1.2
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	15	1.2
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	15	1.2
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	9	1.2
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	8	1.19
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	8	1.19
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	8	1.19
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	19	1.19
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	10	1.19
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	10	1.19
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	10	1.19
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	4	1.19
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	14	1.19
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	4	1.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	4	1.19
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	4	1.19
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	5	1.19
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	5	1.19
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	5	1.19
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	2	1.19
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	12	1.19
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	12	1.19
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	12	1.19
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	18	1.19
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	18	1.19
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	16	1.19
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	16	1.19
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	16	1.19
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	20	1.19
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	20	1.19
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	20	1.19
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	9	1.18
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	9	1.18
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	9	1.18
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	3	1.18
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	3	1.18
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	3	1.18
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	3	1.18
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	3	1.18
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	3	1.18
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD21	12	1.18
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD22	12	1.18
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD23	12	1.18
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	3	1.18
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	3	1.18
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	3	1.18
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	20	1.18
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	11	1.18
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	11	1.18
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	11	1.18
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	10	1.18
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	10	1.18
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	10	1.18
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	10	1.18
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	10	1.18
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	10	1.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	12	1.18
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	12	1.18
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	11	1.18
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	17	1.18
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	17	1.18
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	17	1.18
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG21	13	1.18
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG22	13	1.18
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG23	13	1.18
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG21	13	1.18
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG22	13	1.18
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG23	13	1.18
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	10	1.18
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	13	1.18
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	13	1.18
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	13	1.18
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	13	1.18
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	13	1.18
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	13	1.18
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	13	1.18
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	13	1.18
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	13	1.18
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	5	1.18
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	16	1.18
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	7	1.18
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	12	1.18
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	12	1.18
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	12	1.18
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	12	1.18
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	3	1.18
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	3	1.18
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	3	1.18
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	5	1.17
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	5	1.17
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	5	1.17
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	5	1.17
(2,4)	1:95:A:GLU:HB2	1:173:A:ASP:H	5	1.17
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	19	1.17
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	19	1.17
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	11	1.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	11	1.17
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	11	1.17
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	11	1.17
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	11	1.17
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	11	1.17
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	11	1.17
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	11	1.17
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	11	1.17
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	12	1.17
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	7	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	2	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	2	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	2	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	12	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	12	1.17
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	12	1.17
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	13	1.17
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	13	1.17
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	13	1.17
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	16	1.17
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	16	1.17
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	16	1.17
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	4	1.17
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	6	1.17
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	20	1.17
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	14	1.17
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	13	1.17
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	2	1.17
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	2	1.17
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	2	1.17
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	10	1.16
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	10	1.16
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	10	1.16
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	15	1.16
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	15	1.16
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	15	1.16
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	15	1.16
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	15	1.16
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	15	1.16
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	15	1.16
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	15	1.16
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	15	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	13	1.16
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	13	1.16
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	13	1.16
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	14	1.16
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	14	1.16
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	14	1.16
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG21	20	1.16
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG22	20	1.16
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG23	20	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG21	20	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG22	20	1.16
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG23	20	1.16
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	20	1.16
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	20	1.16
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	20	1.16
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	20	1.16
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	20	1.16
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	20	1.16
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	20	1.16
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	20	1.16
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	20	1.16
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	20	1.16
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	20	1.16
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	17	1.16
(1,437)	1:66:A:PHE:H	1:67:A:LEU:HD11	15	1.16
(1,437)	1:66:A:PHE:H	1:67:A:LEU:HD12	15	1.16
(1,437)	1:66:A:PHE:H	1:67:A:LEU:HD13	15	1.16
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	9	1.16
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	12	1.16
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	12	1.16
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	12	1.16
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	7	1.16
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	7	1.16
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	9	1.16
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	6	1.16
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	11	1.16
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	11	1.16
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	11	1.16
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	11	1.16
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	11	1.16
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	11	1.16
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	11	1.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	11	1.16
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	11	1.16
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	6	1.15
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	6	1.15
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	6	1.15
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	1	1.15
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	1	1.15
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	1	1.15
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	4	1.15
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	4	1.15
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	4	1.15
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	1	1.15
(1,1438)	1:41:A:ILE:H	1:84:A:VAL:HB	13	1.15
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	11	1.15
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	11	1.15
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	11	1.15
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	20	1.15
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD21	14	1.15
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD22	14	1.15
(1,1113)	1:134:A:GLN:H	1:147:A:LEU:HD23	14	1.15
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG21	13	1.15
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG22	13	1.15
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG23	13	1.15
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG21	13	1.15
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG22	13	1.15
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG23	13	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	2	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	2	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	2	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	2	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	2	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	2	1.15
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	2	1.15
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	2	1.15
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	2	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD11	15	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD12	15	1.15
(1,668)	1:20:A:ALA:HB1	1:38:A:LEU:HD13	15	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD11	15	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD12	15	1.15
(1,668)	1:20:A:ALA:HB2	1:38:A:LEU:HD13	15	1.15
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD11	15	1.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD12	15	1.15
(1,668)	1:20:A:ALA:HB3	1:38:A:LEU:HD13	15	1.15
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	10	1.15
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	3	1.15
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	6	1.15
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	12	1.15
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	12	1.15
(1,27)	1:28:A:LEU:HD11	1:175:A:PRO:HD2	11	1.15
(1,27)	1:28:A:LEU:HD12	1:175:A:PRO:HD2	11	1.15
(1,27)	1:28:A:LEU:HD13	1:175:A:PRO:HD2	11	1.15
(2,69)	1:117:A:PHE:HB2	1:167:A:ILE:HB	11	1.14
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	10	1.14
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	10	1.14
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	10	1.14
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	20	1.14
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	20	1.14
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	20	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	12	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	12	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	12	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	12	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	12	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	12	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	15	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	15	1.14
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	15	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	15	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	15	1.14
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	15	1.14
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	15	1.14
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	1	1.14
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	3	1.14
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	7	1.14
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	20	1.14
(1,1394)	1:135:A:TRP:HE1	1:153:A:LEU:HD11	9	1.14
(1,1394)	1:135:A:TRP:HE1	1:153:A:LEU:HD12	9	1.14
(1,1394)	1:135:A:TRP:HE1	1:153:A:LEU:HD13	9	1.14
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	10	1.14
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	15	1.14
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	17	1.14
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	6	1.14
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	6	1.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	6	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	6	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	6	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	6	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	6	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	6	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	6	1.14
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	12	1.14
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	12	1.14
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	12	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	12	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	12	1.14
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	12	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	12	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	12	1.14
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	12	1.14
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	10	1.14
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	9	1.14
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	15	1.14
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	15	1.14
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	16	1.14
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	16	1.14
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	18	1.14
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	15	1.14
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	14	1.13
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	14	1.13
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	11	1.13
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	11	1.13
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	11	1.13
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	11	1.13
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	18	1.13
(1,856)	1:153:A:LEU:HD21	1:156:A:PHE:H	9	1.13
(1,856)	1:153:A:LEU:HD22	1:156:A:PHE:H	9	1.13
(1,856)	1:153:A:LEU:HD23	1:156:A:PHE:H	9	1.13
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD11	18	1.13
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD12	18	1.13
(1,771)	1:106:A:ARG:H	1:107:A:LEU:HD13	18	1.13
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	8	1.13
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	8	1.13
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	8	1.13
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	5	1.13
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	19	1.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	11	1.13
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	11	1.13
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	11	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	11	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	11	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	11	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	11	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	11	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	11	1.13
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	17	1.13
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	17	1.13
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	17	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	17	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	17	1.13
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	17	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	17	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	17	1.13
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	17	1.13
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	3	1.13
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	3	1.13
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	13	1.13
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	13	1.13
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	13	1.13
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	1	1.13
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	13	1.13
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	4	1.13
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	4	1.12
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	10	1.12
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	10	1.12
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	4	1.12
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	19	1.12
(1,2283)	1:138:A:LEU:HD11	1:139:A:ASN:HB2	5	1.12
(1,2283)	1:138:A:LEU:HD12	1:139:A:ASN:HB2	5	1.12
(1,2283)	1:138:A:LEU:HD13	1:139:A:ASN:HB2	5	1.12
(1,2283)	1:138:A:LEU:HD11	1:139:A:ASN:HB2	12	1.12
(1,2283)	1:138:A:LEU:HD12	1:139:A:ASN:HB2	12	1.12
(1,2283)	1:138:A:LEU:HD13	1:139:A:ASN:HB2	12	1.12
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	18	1.12
(1,1438)	1:41:A:ILE:H	1:84:A:VAL:HB	20	1.12
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	13	1.12
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	13	1.12
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	13	1.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	18	1.12
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	18	1.12
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	18	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	5	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	5	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	5	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	11	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	11	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	11	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	20	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	20	1.12
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	20	1.12
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	17	1.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	5	1.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	5	1.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	5	1.12
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	2	1.12
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	2	1.12
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	2	1.12
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	2	1.12
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	2	1.12
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	2	1.12
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	2	1.12
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	2	1.12
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	2	1.12
(1,506)	1:58:A:VAL:HG11	1:60:A:SER:HA	18	1.12
(1,506)	1:58:A:VAL:HG12	1:60:A:SER:HA	18	1.12
(1,506)	1:58:A:VAL:HG13	1:60:A:SER:HA	18	1.12
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	13	1.12
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	13	1.12
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	13	1.12
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	18	1.12
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	18	1.12
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	18	1.12
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	6	1.12
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	6	1.12
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	11	1.12
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	11	1.12
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	11	1.12
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	1	1.11
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	1	1.11
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	18	1.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	18	1.11
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	17	1.11
(1,2283)	1:138:A:LEU:HD11	1:139:A:ASN:HB2	16	1.11
(1,2283)	1:138:A:LEU:HD12	1:139:A:ASN:HB2	16	1.11
(1,2283)	1:138:A:LEU:HD13	1:139:A:ASN:HB2	16	1.11
(1,2220)	1:28:A:LEU:HD21	1:33:A:PHE:HE2	11	1.11
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	14	1.11
(1,1104)	1:90:A:LYS:HG2	1:92:A:TRP:H	5	1.11
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	18	1.11
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	18	1.11
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	18	1.11
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	1	1.11
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	1	1.11
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	1	1.11
(1,769)	1:153:A:LEU:HD21	1:157:A:LEU:H	9	1.11
(1,769)	1:153:A:LEU:HD22	1:157:A:LEU:H	9	1.11
(1,769)	1:153:A:LEU:HD23	1:157:A:LEU:H	9	1.11
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	15	1.11
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	15	1.11
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	15	1.11
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	3	1.11
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	18	1.11
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	20	1.11
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	4	1.11
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	6	1.1
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	8	1.1
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	8	1.1
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	8	1.1
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	16	1.1
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	16	1.1
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	16	1.1
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	20	1.1
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	20	1.1
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	20	1.1
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	20	1.1
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	20	1.1
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	20	1.1
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	8	1.1
(1,1883)	1:28:A:LEU:HD11	1:174:A:LEU:HA	11	1.1
(1,1883)	1:28:A:LEU:HD12	1:174:A:LEU:HA	11	1.1
(1,1883)	1:28:A:LEU:HD13	1:174:A:LEU:HA	11	1.1
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	17	1.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	17	1.1
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	19	1.1
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	2	1.1
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	2	1.1
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	2	1.1
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	19	1.1
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	19	1.1
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	19	1.1
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	19	1.1
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	1	1.1
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	19	1.1
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	19	1.1
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	19	1.1
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	6	1.1
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	6	1.1
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	6	1.1
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	5	1.1
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	11	1.1
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	11	1.1
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	4	1.1
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	4	1.1
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	4	1.1
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	14	1.1
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	14	1.1
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	14	1.1
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	19	1.1
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	19	1.1
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	19	1.1
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	11	1.09
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	11	1.09
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	11	1.09
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	14	1.09
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	14	1.09
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	14	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	14	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	14	1.09
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	14	1.09
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	16	1.09
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	12	1.09
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	12	1.09
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	12	1.09
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	16	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	16	1.09
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	16	1.09
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	16	1.09
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	16	1.09
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	16	1.09
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	16	1.09
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	16	1.09
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	16	1.09
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	18	1.09
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	11	1.09
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	12	1.09
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	12	1.09
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	12	1.09
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	13	1.09
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	13	1.09
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	13	1.09
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	16	1.09
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	16	1.09
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	16	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	3	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	3	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	3	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	7	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	7	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	7	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	9	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	9	1.09
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	9	1.09
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	16	1.09
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	19	1.09
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	18	1.09
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	18	1.09
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	18	1.09
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	8	1.09
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	8	1.09
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	8	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	8	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	8	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	8	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	8	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	8	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	8	1.09

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	19	1.09
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	19	1.09
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	19	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	19	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	19	1.09
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	19	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	19	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	19	1.09
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	19	1.09
(1,2283)	1:138:A:LEU:HD11	1:139:A:ASN:HB2	20	1.08
(1,2283)	1:138:A:LEU:HD12	1:139:A:ASN:HB2	20	1.08
(1,2283)	1:138:A:LEU:HD13	1:139:A:ASN:HB2	20	1.08
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	4	1.08
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	4	1.08
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	4	1.08
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD11	17	1.08
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD12	17	1.08
(1,1887)	1:94:A:LEU:HD11	1:174:A:LEU:HD13	17	1.08
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD11	17	1.08
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD12	17	1.08
(1,1887)	1:94:A:LEU:HD12	1:174:A:LEU:HD13	17	1.08
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD11	17	1.08
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD12	17	1.08
(1,1887)	1:94:A:LEU:HD13	1:174:A:LEU:HD13	17	1.08
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	6	1.08
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	6	1.08
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	6	1.08
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG21	20	1.08
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG22	20	1.08
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG23	20	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG21	20	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG22	20	1.08
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG23	20	1.08
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	18	1.08
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	18	1.08
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	18	1.08
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	18	1.08
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	18	1.08
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	2	1.08
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	1	1.08
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	1	1.08
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	1	1.08

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	1	1.08
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	1	1.08
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	1	1.08
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	1	1.08
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	1	1.08
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	1	1.08
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	12	1.08
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	15	1.08
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	15	1.08
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	8	1.08
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	8	1.08
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	8	1.08
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	12	1.08
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	12	1.08
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	12	1.08
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	8	1.08
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	16	1.07
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	16	1.07
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	16	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	1	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	1	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	1	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	7	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	7	1.07
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	7	1.07
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	11	1.07
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	11	1.07
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD22	12	1.07
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD22	12	1.07
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD22	12	1.07
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD21	12	1.07
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD21	12	1.07
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD21	12	1.07
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	8	1.07
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	8	1.07
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	8	1.07
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	4	1.07
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	4	1.07
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	4	1.07
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	12	1.07
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	12	1.07
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	12	1.07

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	8	1.07
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	2	1.07
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	2	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	1	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	1	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	1	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	4	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	4	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	4	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	12	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	12	1.07
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	12	1.07
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	3	1.07
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	17	1.07
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	17	1.07
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	20	1.07
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	20	1.07
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	20	1.07
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	20	1.07
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	20	1.07
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	20	1.07
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	20	1.07
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	20	1.07
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	20	1.07
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	17	1.07
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	17	1.07
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	17	1.07
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	7	1.07
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	2	1.06
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	2	1.06
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	2	1.06
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	2	1.06
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	2	1.06
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	2	1.06
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	17	1.06
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	17	1.06
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	17	1.06
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	17	1.06
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	17	1.06
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	17	1.06
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	17	1.06
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	17	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	17	1.06
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	5	1.06
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	2	1.06
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	2	1.06
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	2	1.06
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	6	1.06
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	6	1.06
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	6	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	2	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	2	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	2	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	2	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	2	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	2	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	5	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	5	1.06
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	5	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	5	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	5	1.06
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	5	1.06
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	14	1.06
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	14	1.06
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	14	1.06
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	14	1.06
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	14	1.06
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	14	1.06
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	14	1.06
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	14	1.06
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	14	1.06
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	4	1.06
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	4	1.06
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	4	1.06
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	16	1.06
(1,2220)	1:28:A:LEU:HD22	1:33:A:PHE:HE2	4	1.06
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	4	1.06
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	4	1.06
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	4	1.06
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	4	1.06
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	4	1.06
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	4	1.06
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	14	1.06
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	14	1.06

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	14	1.06
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	14	1.06
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	14	1.06
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	14	1.06
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	14	1.06
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	14	1.06
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	14	1.06
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	14	1.06
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	16	1.06
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	16	1.06
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	7	1.06
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	7	1.06
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	7	1.06
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	12	1.06
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	12	1.06
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	12	1.06
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	12	1.06
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	12	1.06
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	12	1.06
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	17	1.06
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	17	1.06
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	17	1.06
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	16	1.06
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	16	1.06
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	16	1.06
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	16	1.06
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	16	1.06
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	16	1.06
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	16	1.06
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	16	1.06
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	16	1.06
(1,409)	1:83:A:GLN:HG3	1:86:A:SER:H	15	1.06
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	18	1.06
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	18	1.06
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	8	1.06
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	8	1.06
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	7	1.06
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	7	1.06
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	7	1.06
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	16	1.05
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	16	1.05
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	16	1.05

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	8	1.05
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	11	1.05
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	11	1.05
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	11	1.05
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	4	1.05
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	4	1.05
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	4	1.05
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	4	1.05
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	4	1.05
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	4	1.05
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	7	1.05
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	7	1.05
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	7	1.05
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	13	1.05
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	4	1.05
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	4	1.05
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	17	1.05
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	17	1.05
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	17	1.05
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	12	1.05
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	12	1.05
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	3	1.05
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	5	1.05
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	7	1.05
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	7	1.05
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	7	1.05
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	7	1.05
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	7	1.05
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	7	1.05
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	7	1.05
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	7	1.05
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	7	1.05
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	7	1.05
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	8	1.05
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	5	1.04
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	5	1.04
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	5	1.04
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	15	1.04
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	15	1.04
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	15	1.04
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	15	1.04
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	15	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	15	1.04
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	18	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	2	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	2	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	2	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	15	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	15	1.04
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	15	1.04
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	8	1.04
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	8	1.04
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	8	1.04
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	8	1.04
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	8	1.04
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	8	1.04
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	20	1.04
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD21	12	1.04
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD22	12	1.04
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD23	12	1.04
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	20	1.04
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	6	1.04
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	14	1.04
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	14	1.04
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	14	1.04
(1,409)	1:83:A:GLN:HG3	1:86:A:SER:H	7	1.04
(1,409)	1:83:A:GLN:HG3	1:86:A:SER:H	8	1.04
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	4	1.04
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	7	1.04
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	7	1.04
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	7	1.04
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	7	1.04
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	7	1.04
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	7	1.04
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	7	1.04
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	7	1.04
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	7	1.04
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	7	1.04
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	7	1.04

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	7	1.04
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	7	1.04
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	14	1.04
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	14	1.04
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	14	1.04
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE1	9	1.04
(1,213)	1:68:A:GLN:HB2	1:165:A:TYR:HE2	9	1.04
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	17	1.03
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	17	1.03
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	17	1.03
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	2	1.03
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	2	1.03
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	2	1.03
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	12	1.03
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	12	1.03
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	12	1.03
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	5	1.03
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	5	1.03
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	5	1.03
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	9	1.03
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	9	1.03
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	9	1.03
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	12	1.03
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	12	1.03
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	12	1.03
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	19	1.03
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	19	1.03
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	19	1.03
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	17	1.03
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	17	1.03
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	17	1.03
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	18	1.03
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	18	1.03
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	18	1.03
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	12	1.03
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	7	1.03
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	7	1.03
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	7	1.03
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	17	1.03
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	1	1.03
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	1	1.03
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	1	1.03

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	1	1.03
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	1	1.03
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	1	1.03
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	20	1.03
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	20	1.03
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	20	1.03
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	12	1.03
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	19	1.03
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	19	1.03
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	19	1.03
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	16	1.03
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	17	1.03
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	17	1.03
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	17	1.03
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	1	1.03
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	13	1.03
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	11	1.03
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	11	1.03
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	11	1.03
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	3	1.03
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	9	1.03
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	3	1.02
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	3	1.02
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	3	1.02
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	3	1.02
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	3	1.02
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	3	1.02
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	3	1.02
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	3	1.02
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	3	1.02
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	9	1.02
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	9	1.02
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	4	1.02
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	4	1.02
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	4	1.02
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD21	20	1.02
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD22	20	1.02
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD23	20	1.02
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	6	1.02
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	6	1.02
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	6	1.02
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	6	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	6	1.02
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	6	1.02
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	6	1.02
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	6	1.02
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	6	1.02
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	19	1.02
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	2	1.02
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	2	1.02
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	2	1.02
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	10	1.02
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	10	1.02
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	10	1.02
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	13	1.02
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	8	1.02
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	8	1.02
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	8	1.02
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	11	1.02
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	11	1.02
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	11	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	2	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	2	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	2	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	2	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	2	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	2	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	3	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	3	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	3	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	3	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	3	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	3	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	11	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	11	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	11	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	11	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	11	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	11	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	15	1.02
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	15	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	15	1.02
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	15	1.02
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	15	1.02

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	15	1.02
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	13	1.02
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	13	1.02
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	6	1.02
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	5	1.02
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	4	1.02
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD21	17	1.02
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD22	17	1.02
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD23	17	1.02
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	1	1.02
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	1	1.02
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	8	1.02
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	8	1.02
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	8	1.02
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	8	1.02
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	8	1.02
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	8	1.02
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	8	1.02
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	8	1.02
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	19	1.02
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	19	1.02
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	19	1.02
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	10	1.02
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	16	1.02
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	17	1.01
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	17	1.01
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	6	1.01
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	13	1.01
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	17	1.01
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	17	1.01
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	8	1.01
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	9	1.01

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1168)	1:116:A:SER:H	1:170:A:VAL:HB	19	1.01
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	2	1.01
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	2	1.01
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	2	1.01
(1,866)	1:157:A:LEU:HD21	1:160:A:LEU:H	20	1.01
(1,866)	1:157:A:LEU:HD22	1:160:A:LEU:H	20	1.01
(1,866)	1:157:A:LEU:HD23	1:160:A:LEU:H	20	1.01
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	5	1.01
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	5	1.01
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	5	1.01
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	5	1.01
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	5	1.01
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	5	1.01
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	6	1.01
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	6	1.01
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	6	1.01
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	6	1.01
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	6	1.01
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	6	1.01
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	10	1.01
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	10	1.01
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	10	1.01
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	16	1.01
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	7	1.01
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	15	1.01
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	4	1.01
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD21	11	1.01
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD22	11	1.01
(1,354)	1:159:A:GLN:H	1:160:A:LEU:HD23	11	1.01
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	6	1.01
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	2	1.01
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	4	1.01
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	13	1.0
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	13	1.0
(1,2517)	1:28:A:LEU:HD11	1:175:A:PRO:HB2	14	1.0
(1,2517)	1:28:A:LEU:HD12	1:175:A:PRO:HB2	14	1.0
(1,2517)	1:28:A:LEU:HD13	1:175:A:PRO:HB2	14	1.0
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	11	1.0
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	11	1.0
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	11	1.0
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	12	1.0
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	16	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	16	1.0
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	16	1.0
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	8	1.0
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	8	1.0
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	8	1.0
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	7	1.0
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	7	1.0
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	7	1.0
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	7	1.0
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	7	1.0
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	7	1.0
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	7	1.0
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	7	1.0
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	7	1.0
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	16	1.0
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	16	1.0
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	16	1.0
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	16	1.0
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	16	1.0
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	16	1.0
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	16	1.0
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	16	1.0
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	16	1.0
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	20	1.0
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	20	1.0
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	20	1.0
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD21	20	1.0
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD22	20	1.0
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD23	20	1.0
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	16	1.0
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	16	1.0
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	16	1.0
(1,901)	1:94:A:LEU:HD11	1:174:A:LEU:H	10	1.0
(1,901)	1:94:A:LEU:HD12	1:174:A:LEU:H	10	1.0
(1,901)	1:94:A:LEU:HD13	1:174:A:LEU:H	10	1.0
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	5	1.0
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	5	1.0
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	17	1.0
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	17	1.0
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	7	1.0
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	19	1.0
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	4	1.0

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	4	1.0
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	4	1.0
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	8	1.0
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	16	1.0
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	9	1.0
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	9	1.0
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	9	1.0
(1,168)	1:75:A:ASP:HB3	1:78:A:GLY:H	8	1.0
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	19	1.0
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	18	0.99
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	18	0.99
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	11	0.99
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	11	0.99
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	11	0.99
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	11	0.99
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	11	0.99
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	11	0.99
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	11	0.99
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	11	0.99
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	11	0.99
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	20	0.99
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	20	0.99
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	4	0.99
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	4	0.99
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	13	0.99
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	13	0.99
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	13	0.99
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	17	0.99
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	17	0.99
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	17	0.99
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	13	0.99
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	13	0.99
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	13	0.99
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	15	0.99
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	15	0.99
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	15	0.99
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	17	0.99
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	17	0.99
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	17	0.99
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	17	0.99
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	17	0.99
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	17	0.99

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	17	0.99
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	17	0.99
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	17	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	14	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	14	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	14	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	19	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	19	0.99
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	19	0.99
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	20	0.99
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	20	0.99
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	20	0.99
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	3	0.99
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	3	0.99
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	3	0.99
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	7	0.99
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	5	0.99
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	20	0.99
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	20	0.99
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	20	0.99
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	11	0.99
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	16	0.99
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	16	0.99
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	16	0.99
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	20	0.99
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	20	0.99
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	20	0.99
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	18	0.99
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	18	0.99
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	18	0.99
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	18	0.99
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	18	0.99
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	18	0.99
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	18	0.99
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	18	0.99
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	18	0.99
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	11	0.99
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	17	0.99
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	10	0.98
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	10	0.98
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	10	0.98
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	6	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	6	0.98
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	16	0.98
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	16	0.98
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	18	0.98
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	18	0.98
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	18	0.98
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	16	0.98
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	16	0.98
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	16	0.98
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	20	0.98
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	20	0.98
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	20	0.98
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	20	0.98
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	20	0.98
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	20	0.98
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	20	0.98
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	20	0.98
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	20	0.98
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	6	0.98
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	6	0.98
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	6	0.98
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	12	0.98
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	15	0.98
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	15	0.98
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	15	0.98
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	16	0.98
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	9	0.98
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	9	0.98
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	9	0.98
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	16	0.98
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	15	0.98
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	15	0.98
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG11	2	0.98
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG12	2	0.98
(1,639)	1:35:A:PRO:HD3	1:36:A:VAL:HG13	2	0.98
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	15	0.98
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	11	0.98
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	11	0.98
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	11	0.98
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	11	0.98
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	11	0.98
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	11	0.98

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	19	0.98
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	2	0.98
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	15	0.98
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	11	0.98
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	11	0.98
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB1	13	0.98
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB2	13	0.98
(1,207)	1:38:A:LEU:HD21	1:88:A:ALA:HB3	13	0.98
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB1	13	0.98
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB2	13	0.98
(1,207)	1:38:A:LEU:HD22	1:88:A:ALA:HB3	13	0.98
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB1	13	0.98
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB2	13	0.98
(1,207)	1:38:A:LEU:HD23	1:88:A:ALA:HB3	13	0.98
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	15	0.98
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	15	0.98
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	15	0.98
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	11	0.98
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	10	0.98
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	2	0.97
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	2	0.97
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	3	0.97
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	3	0.97
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	12	0.97
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	12	0.97
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	12	0.97
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	15	0.97
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	15	0.97
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	15	0.97
(1,2230)	1:28:A:LEU:HD11	1:33:A:PHE:HE2	10	0.97
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	3	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	12	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	12	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	12	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	15	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	15	0.97
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	15	0.97
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	11	0.97
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	6	0.97
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	6	0.97
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	6	0.97
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	12	0.97

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	12	0.97
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	12	0.97
(1,1731)	1:2:A:PRO:HG2	1:5:A:SER:HB2	19	0.97
(1,1731)	1:2:A:PRO:HG3	1:5:A:SER:HB2	19	0.97
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	5	0.97
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	13	0.97
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	13	0.97
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	13	0.97
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	13	0.97
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	13	0.97
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	13	0.97
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	13	0.97
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	13	0.97
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	13	0.97
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	14	0.97
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	16	0.97
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	16	0.97
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	1	0.97
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	16	0.97
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	1	0.97
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	1	0.97
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	1	0.97
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	10	0.97
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	10	0.97
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	10	0.97
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	8	0.97
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	18	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	18	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	18	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	19	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	19	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	19	0.96
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	12	0.96
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	12	0.96
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	12	0.96
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	12	0.96
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	12	0.96
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	12	0.96
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	12	0.96
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	12	0.96
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	12	0.96
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	6	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB3	8	0.96
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	5	0.96
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	5	0.96
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	5	0.96
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	15	0.96
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	15	0.96
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	15	0.96
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	13	0.96
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	13	0.96
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	13	0.96
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	19	0.96
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	19	0.96
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	19	0.96
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	19	0.96
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	19	0.96
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	19	0.96
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	2	0.96
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	2	0.96
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	2	0.96
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	2	0.96
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	2	0.96
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	2	0.96
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	2	0.96
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	2	0.96
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	2	0.96
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	15	0.96
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	15	0.96
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	15	0.96
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	15	0.96
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	15	0.96
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	15	0.96
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	15	0.96
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	15	0.96
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	15	0.96
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	11	0.96
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	11	0.96
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	11	0.96
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	2	0.96
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	16	0.96
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	1	0.96
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	4	0.96
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	4	0.96

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	4	0.96
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	4	0.96
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	11	0.96
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	11	0.96
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	18	0.96
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	18	0.96
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	18	0.96
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	2	0.96
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	2	0.96
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	2	0.96
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	4	0.96
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	4	0.96
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	4	0.96
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	6	0.96
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	6	0.96
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	6	0.96
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	7	0.96
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	9	0.96
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	9	0.96
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	9	0.96
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	3	0.96
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	20	0.96
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	11	0.96
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	4	0.95
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	4	0.95
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	4	0.95
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	17	0.95
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	17	0.95
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	17	0.95
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	8	0.95
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	8	0.95
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	13	0.95
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	13	0.95
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	13	0.95
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	13	0.95
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	13	0.95
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	13	0.95
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	1	0.95
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	1	0.95
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	1	0.95
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	16	0.95
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	16	0.95

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	16	0.95
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	16	0.95
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	16	0.95
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	16	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	5	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	5	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	5	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	16	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	16	0.95
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	16	0.95
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	20	0.95
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	20	0.95
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	20	0.95
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	20	0.95
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	20	0.95
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	20	0.95
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	20	0.95
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	20	0.95
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	20	0.95
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	3	0.95
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	4	0.95
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	5	0.95
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	13	0.95
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	6	0.95
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	13	0.95
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	14	0.95
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	14	0.95
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	14	0.95
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	3	0.95
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	3	0.95
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	3	0.95
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	3	0.95
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	3	0.95
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	4	0.95
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	4	0.95
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	15	0.95
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	15	0.95
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	15	0.95
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	14	0.94
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	15	0.94
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	15	0.94
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	15	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	15	0.94
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	15	0.94
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	15	0.94
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	15	0.94
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	15	0.94
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	15	0.94
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	15	0.94
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	15	0.94
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	15	0.94
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	13	0.94
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	13	0.94
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	13	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	13	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	13	0.94
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	13	0.94
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	6	0.94
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	6	0.94
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	6	0.94
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	13	0.94
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	13	0.94
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	13	0.94
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	13	0.94
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	13	0.94
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	13	0.94
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	13	0.94
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	13	0.94
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	13	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	3	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	3	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	3	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	8	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	8	0.94
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	8	0.94
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	4	0.94
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	10	0.94
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	10	0.94
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	10	0.94
(1,947)	1:38:A:LEU:HD21	1:41:A:ILE:H	15	0.94
(1,947)	1:38:A:LEU:HD22	1:41:A:ILE:H	15	0.94
(1,947)	1:38:A:LEU:HD23	1:41:A:ILE:H	15	0.94
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	13	0.94
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	2	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	3	0.94
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	16	0.94
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	9	0.94
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	9	0.94
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	9	0.94
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	9	0.94
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	9	0.94
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	9	0.94
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	10	0.94
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	10	0.94
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	10	0.94
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	10	0.94
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	10	0.94
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	10	0.94
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	8	0.94
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	8	0.94
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	8	0.94
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	5	0.94
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	5	0.94
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	5	0.94
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	7	0.94
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	7	0.94
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	7	0.94
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	13	0.94
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	13	0.94
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	13	0.94
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	10	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	2	0.94

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	2	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	2	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	2	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	13	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	13	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	13	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	14	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	14	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	14	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	14	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	14	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	14	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	14	0.94
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	14	0.94
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	16	0.94
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	12	0.94
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	14	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	14	0.93
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	18	0.93
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	18	0.93
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	18	0.93
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	8	0.93
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	8	0.93
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	8	0.93
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	8	0.93
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	8	0.93
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	8	0.93
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	8	0.93
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	8	0.93
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	8	0.93
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	6	0.93
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB3	20	0.93
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	8	0.93
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	8	0.93
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	8	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	9	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	9	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	9	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	18	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	18	0.93
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	18	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	2	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	2	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	2	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	2	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	2	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	2	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	2	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	2	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	2	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	5	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	5	0.93
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	5	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	5	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	5	0.93
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	5	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	5	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	5	0.93
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	5	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	2	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	2	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	2	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	7	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	7	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	7	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	9	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	9	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	9	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	13	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	13	0.93
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	13	0.93
(1,1761)	1:128:A:VAL:HG21	1:153:A:LEU:HD21	9	0.93
(1,1761)	1:128:A:VAL:HG21	1:153:A:LEU:HD22	9	0.93
(1,1761)	1:128:A:VAL:HG21	1:153:A:LEU:HD23	9	0.93
(1,1761)	1:128:A:VAL:HG22	1:153:A:LEU:HD21	9	0.93
(1,1761)	1:128:A:VAL:HG22	1:153:A:LEU:HD22	9	0.93
(1,1761)	1:128:A:VAL:HG22	1:153:A:LEU:HD23	9	0.93
(1,1761)	1:128:A:VAL:HG23	1:153:A:LEU:HD21	9	0.93
(1,1761)	1:128:A:VAL:HG23	1:153:A:LEU:HD22	9	0.93
(1,1761)	1:128:A:VAL:HG23	1:153:A:LEU:HD23	9	0.93
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	19	0.93
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	18	0.93
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	4	0.93
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	4	0.93
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	4	0.93
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	5	0.93
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	5	0.93
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	5	0.93
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	10	0.93
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	10	0.93
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	10	0.93
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	14	0.93
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	14	0.93
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	14	0.93
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	19	0.93
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	19	0.93
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	19	0.93
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	20	0.93
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	10	0.93
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	10	0.93
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	10	0.93

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	4	0.93
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	4	0.93
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	4	0.93
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	1	0.93
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	1	0.93
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	8	0.93
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	8	0.93
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	9	0.93
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	9	0.93
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	9	0.93
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	16	0.93
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	16	0.93
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	16	0.93
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	16	0.93
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	13	0.93
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	2	0.93
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	2	0.93
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	11	0.93
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	14	0.93
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	14	0.93
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	4	0.93
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	2	0.93
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	15	0.93
(1,2507)	1:154:A:ALA:HB1	1:157:A:LEU:HB3	7	0.92
(1,2507)	1:154:A:ALA:HB2	1:157:A:LEU:HB3	7	0.92
(1,2507)	1:154:A:ALA:HB3	1:157:A:LEU:HB3	7	0.92
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	19	0.92
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	19	0.92
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	19	0.92
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD11	14	0.92
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD13	14	0.92
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD11	14	0.92
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD13	14	0.92
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD11	14	0.92
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD13	14	0.92
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD11	14	0.92
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD13	14	0.92
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD11	14	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD13	14	0.92
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD11	14	0.92
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD12	14	0.92
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD13	14	0.92
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	20	0.92
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	20	0.92
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	20	0.92
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	20	0.92
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	20	0.92
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	20	0.92
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	20	0.92
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	20	0.92
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	20	0.92
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	8	0.92
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	8	0.92
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	8	0.92
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	8	0.92
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	8	0.92
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	8	0.92
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	8	0.92
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	8	0.92
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	8	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	1	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	1	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	1	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	17	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	17	0.92
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	17	0.92
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	16	0.92
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	16	0.92
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	16	0.92
(1,1189)	1:108:A:ARG:H	1:108:A:ARG:HG2	20	0.92
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	1	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	1	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	1	0.92
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	2	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	2	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	2	0.92
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	3	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	3	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	3	0.92

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	16	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	16	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	16	0.92
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	18	0.92
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	18	0.92
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	18	0.92
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	8	0.92
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	5	0.92
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	11	0.92
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	8	0.92
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	8	0.92
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	8	0.92
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	8	0.92
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	8	0.92
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	8	0.92
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	1	0.92
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	1	0.92
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	1	0.92
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG21	7	0.92
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG22	7	0.92
(1,627)	1:96:A:LEU:HD11	1:170:A:VAL:HG23	7	0.92
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG21	7	0.92
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG22	7	0.92
(1,627)	1:96:A:LEU:HD12	1:170:A:VAL:HG23	7	0.92
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG21	7	0.92
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG22	7	0.92
(1,627)	1:96:A:LEU:HD13	1:170:A:VAL:HG23	7	0.92
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	2	0.92
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	2	0.92
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	2	0.92
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	13	0.92
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	13	0.92
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	13	0.92
(1,409)	1:83:A:GLN:HG3	1:86:A:SER:H	6	0.92
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	18	0.92
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	18	0.92
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	18	0.92
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	2	0.92
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	2	0.92
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	18	0.92
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	11	0.91
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	11	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	11	0.91
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	12	0.91
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	12	0.91
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	12	0.91
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	19	0.91
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	19	0.91
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	19	0.91
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	19	0.91
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	19	0.91
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	19	0.91
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	19	0.91
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	19	0.91
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	19	0.91
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	2	0.91
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	2	0.91
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	2	0.91
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	2	0.91
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	2	0.91
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	2	0.91
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	2	0.91
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	2	0.91
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	2	0.91
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD21	5	0.91
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD22	5	0.91
(1,2423)	1:128:A:VAL:HA	1:138:A:LEU:HD23	5	0.91
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	9	0.91
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	9	0.91
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	9	0.91
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	9	0.91
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	9	0.91
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	9	0.91
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	9	0.91
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	9	0.91
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	9	0.91
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	1	0.91
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	1	0.91
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	1	0.91
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	1	0.91
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	1	0.91
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	1	0.91
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	8	0.91
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	8	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	8	0.91
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	14	0.91
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	14	0.91
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	14	0.91
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	15	0.91
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	15	0.91
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	15	0.91
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	15	0.91
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	15	0.91
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	15	0.91
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	19	0.91
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	19	0.91
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	19	0.91
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	19	0.91
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	19	0.91
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	19	0.91
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	19	0.91
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	19	0.91
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	19	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	4	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	4	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	4	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	18	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	18	0.91
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	18	0.91
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	2	0.91
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	6	0.91
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	2	0.91
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	10	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	6	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	6	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	6	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	7	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	7	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	7	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	9	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	9	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	9	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	11	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	11	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	11	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	12	0.91

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	12	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	12	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	13	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	13	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	13	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	17	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	17	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	17	0.91
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	20	0.91
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	20	0.91
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	20	0.91
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	12	0.91
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	12	0.91
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	12	0.91
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	18	0.91
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	18	0.91
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	18	0.91
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	10	0.91
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	3	0.91
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	6	0.91
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	12	0.91
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	19	0.91
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	20	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	5	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	5	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	5	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	9	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	9	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	9	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	16	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	16	0.91
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	16	0.91
(1,414)	1:24:A:LEU:HG	1:28:A:LEU:H	15	0.91
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	2	0.91
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	14	0.91
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	17	0.91
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	2	0.91
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	1	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	1	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	1	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	1	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	1	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	1	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	1	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	1	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	1	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	16	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	16	0.9
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	16	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	16	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	16	0.9
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	16	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	16	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	16	0.9
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	16	0.9
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	1	0.9
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD21	18	0.9
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD22	18	0.9
(1,2473)	1:95:A:GLU:HG2	1:96:A:LEU:HD23	18	0.9
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD21	18	0.9
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD22	18	0.9
(1,2473)	1:95:A:GLU:HG3	1:96:A:LEU:HD23	18	0.9
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	16	0.9
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	16	0.9
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	16	0.9
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	20	0.9
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	20	0.9
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	20	0.9
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	20	0.9
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	20	0.9
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	20	0.9
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	20	0.9
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	20	0.9
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	20	0.9
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	4	0.9
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	4	0.9
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	4	0.9
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	9	0.9
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	12	0.9
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	17	0.9
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	17	0.9
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	17	0.9
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	2	0.9
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	8	0.9

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	8	0.9
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	8	0.9
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	15	0.9
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	15	0.9
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	15	0.9
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	12	0.9
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	15	0.9
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	9	0.9
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	18	0.9
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	18	0.9
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	18	0.9
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	18	0.9
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	18	0.9
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	18	0.9
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	18	0.9
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	18	0.9
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	18	0.9
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	13	0.9
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	14	0.9
(1,597)	1:58:A:VAL:HG11	1:59:A:THR:HB	18	0.9
(1,597)	1:58:A:VAL:HG12	1:59:A:THR:HB	18	0.9
(1,597)	1:58:A:VAL:HG13	1:59:A:THR:HB	18	0.9
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	7	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	11	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	11	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	11	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	11	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	11	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	11	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	11	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	11	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	11	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	17	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	17	0.9
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	17	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	17	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	17	0.9
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	17	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	17	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	17	0.9
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	17	0.9
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	4	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	4	0.89
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	16	0.89
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	16	0.89
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	3	0.89
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	3	0.89
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	3	0.89
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	3	0.89
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	3	0.89
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	3	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	2	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	2	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	2	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	2	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	2	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	2	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	2	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	2	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	2	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	14	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	14	0.89
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	14	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	14	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	14	0.89
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	14	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	14	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	14	0.89
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	14	0.89
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	15	0.89
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	15	0.89
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	15	0.89
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	15	0.89
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	15	0.89
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	15	0.89
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	17	0.89
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	17	0.89
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	17	0.89
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	17	0.89
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	17	0.89
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	17	0.89
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	17	0.89
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	17	0.89
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	17	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	12	0.89
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	12	0.89
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	12	0.89
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	12	0.89
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	12	0.89
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	12	0.89
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	12	0.89
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	12	0.89
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	12	0.89
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	7	0.89
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	7	0.89
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	7	0.89
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	7	0.89
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	6	0.89
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	6	0.89
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	6	0.89
(1,1186)	1:107:A:LEU:HD11	1:108:A:ARG:H	8	0.89
(1,1186)	1:107:A:LEU:HD12	1:108:A:ARG:H	8	0.89
(1,1186)	1:107:A:LEU:HD13	1:108:A:ARG:H	8	0.89
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	2	0.89
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	2	0.89
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	2	0.89
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD21	12	0.89
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD22	12	0.89
(1,1159)	1:93:A:GLY:H	1:94:A:LEU:HD23	12	0.89
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	6	0.89
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	6	0.89
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	6	0.89
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	4	0.89
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	8	0.89
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	8	0.89
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	8	0.89
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	17	0.89
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	17	0.89
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	17	0.89
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	13	0.89
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	13	0.89
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	13	0.89
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	10	0.89
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	10	0.89
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	14	0.89
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	1	0.89

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	11	0.89
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	17	0.89
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	13	0.88
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	13	0.88
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	13	0.88
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	13	0.88
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	13	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	13	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	13	0.88
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	13	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	13	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	13	0.88
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	13	0.88
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB1	16	0.88
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB2	16	0.88
(1,2303)	1:53:A:MET:HG2	1:54:A:ALA:HB3	16	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	17	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	17	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	17	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	19	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	19	0.88
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	19	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	1	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	1	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	1	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	1	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	1	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	1	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	1	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	1	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	1	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	3	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	3	0.88
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	3	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	3	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	3	0.88
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	3	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	3	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	3	0.88
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	3	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	13	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	13	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	13	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	16	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	16	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	16	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	20	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	20	0.88
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	20	0.88
(1,1166)	1:55:A:GLU:HG3	1:57:A:GLY:H	11	0.88
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	16	0.88
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	16	0.88
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	13	0.88
(1,475)	1:45:A:LEU:HD21	1:83:A:GLN:H	9	0.88
(1,475)	1:45:A:LEU:HD22	1:83:A:GLN:H	9	0.88
(1,475)	1:45:A:LEU:HD23	1:83:A:GLN:H	9	0.88
(1,475)	1:45:A:LEU:HD21	1:83:A:GLN:H	16	0.88
(1,475)	1:45:A:LEU:HD22	1:83:A:GLN:H	16	0.88
(1,475)	1:45:A:LEU:HD23	1:83:A:GLN:H	16	0.88
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	15	0.88
(1,412)	1:64:A:ARG:HG3	1:65:A:THR:H	3	0.88
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	20	0.88
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	20	0.88
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	20	0.88
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	20	0.88
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	20	0.88
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	20	0.88
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	20	0.88
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	20	0.88
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	9	0.88
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	9	0.88
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	6	0.88
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	6	0.88
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	6	0.88

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	12	0.87
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	12	0.87
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	12	0.87
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	18	0.87
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	18	0.87
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	18	0.87
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	18	0.87
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	18	0.87
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	18	0.87
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	18	0.87
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	18	0.87
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	18	0.87
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD21	5	0.87
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD22	5	0.87
(1,2492)	1:9:A:ILE:HG13	1:131:A:LEU:HD23	5	0.87
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	11	0.87
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	11	0.87
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	11	0.87
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	8	0.87
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	7	0.87
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	7	0.87
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	7	0.87
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	7	0.87
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	7	0.87
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	7	0.87
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	7	0.87
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	7	0.87
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	7	0.87
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	20	0.87
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	20	0.87
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	20	0.87
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	1	0.87
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	1	0.87
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	1	0.87
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	10	0.87
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	10	0.87
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	10	0.87
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	10	0.87
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	10	0.87
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	10	0.87
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	10	0.87
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	10	0.87

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	10	0.87
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	4	0.87
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	4	0.87
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	4	0.87
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	4	0.87
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	4	0.87
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	4	0.87
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	4	0.87
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	4	0.87
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	4	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	3	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	3	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	3	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	4	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	4	0.87
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	4	0.87
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	3	0.87
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	3	0.87
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	3	0.87
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	10	0.87
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	10	0.87
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	10	0.87
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	14	0.87
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	14	0.87
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	14	0.87
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	11	0.87
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	14	0.87
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	14	0.87
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	14	0.87
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	17	0.87
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	17	0.87
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	5	0.87
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	5	0.87
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	5	0.87
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	13	0.86
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	13	0.86
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	13	0.86
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	7	0.86
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	7	0.86
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	7	0.86
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB3	14	0.86
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	5	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	5	0.86
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	5	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	7	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	7	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	7	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	7	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	7	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	7	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	7	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	7	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	7	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	16	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	16	0.86
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	16	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	16	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	16	0.86
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	16	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	16	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	16	0.86
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	16	0.86
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD21	17	0.86
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD22	17	0.86
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD23	17	0.86
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	17	0.86
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	12	0.86
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	6	0.86
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	6	0.86
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	6	0.86
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	15	0.86
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	15	0.86
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	15	0.86
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	6	0.86
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	5	0.86
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	14	0.86
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	14	0.86
(1,263)	1:28:A:LEU:HD21	1:88:A:ALA:HA	4	0.86
(1,263)	1:28:A:LEU:HD22	1:88:A:ALA:HA	4	0.86
(1,263)	1:28:A:LEU:HD23	1:88:A:ALA:HA	4	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG11	19	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG12	19	0.86
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG13	19	0.86
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG11	19	0.86

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG12	19	0.86
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG13	19	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG11	19	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG12	19	0.86
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG13	19	0.86
(1,198)	1:65:A:THR:HG21	1:68:A:GLN:HB3	5	0.86
(1,198)	1:65:A:THR:HG22	1:68:A:GLN:HB3	5	0.86
(1,198)	1:65:A:THR:HG23	1:68:A:GLN:HB3	5	0.86
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	9	0.85
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	9	0.85
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	9	0.85
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	9	0.85
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	9	0.85
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	9	0.85
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	9	0.85
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	9	0.85
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	9	0.85
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	14	0.85
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	14	0.85
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	14	0.85
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	15	0.85
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	15	0.85
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	15	0.85
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	12	0.85
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	12	0.85
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	12	0.85
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE2	13	0.85
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	19	0.85
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	19	0.85
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	19	0.85
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	5	0.85
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	5	0.85
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	5	0.85
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	5	0.85
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	5	0.85
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	5	0.85
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	5	0.85
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	5	0.85
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	5	0.85
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	7	0.85
(1,1760)	1:153:A:LEU:HD21	1:157:A:LEU:HG	9	0.85
(1,1760)	1:153:A:LEU:HD22	1:157:A:LEU:HG	9	0.85

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1760)	1:153:A:LEU:HD23	1:157:A:LEU:HG	9	0.85
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	9	0.85
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	9	0.85
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	9	0.85
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	6	0.85
(1,1460)	1:100:A:ASN:HA	1:105:A:GLN:HE22	8	0.85
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD21	11	0.85
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD22	11	0.85
(1,1319)	1:158:A:ALA:H	1:160:A:LEU:HD23	11	0.85
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	15	0.85
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	15	0.85
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	15	0.85
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	4	0.85
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	18	0.85
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	10	0.85
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	10	0.85
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	10	0.85
(1,404)	1:84:A:VAL:HG21	1:86:A:SER:H	20	0.85
(1,404)	1:84:A:VAL:HG22	1:86:A:SER:H	20	0.85
(1,404)	1:84:A:VAL:HG23	1:86:A:SER:H	20	0.85
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	10	0.85
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	18	0.85
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	10	0.85
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	10	0.85
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	10	0.85
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	9	0.85
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	9	0.85
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG11	7	0.85
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG12	7	0.85
(1,200)	1:89:A:LEU:HD21	1:170:A:VAL:HG13	7	0.85
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG11	7	0.85
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG12	7	0.85
(1,200)	1:89:A:LEU:HD22	1:170:A:VAL:HG13	7	0.85
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG11	7	0.85
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG12	7	0.85
(1,200)	1:89:A:LEU:HD23	1:170:A:VAL:HG13	7	0.85
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	16	0.84
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	16	0.84
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	19	0.84
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	19	0.84
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	19	0.84
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	19	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	19	0.84
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	19	0.84
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	10	0.84
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	10	0.84
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	10	0.84
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	8	0.84
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	8	0.84
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	8	0.84
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	8	0.84
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	8	0.84
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	8	0.84
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	8	0.84
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	8	0.84
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	8	0.84
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	14	0.84
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	14	0.84
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	14	0.84
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	14	0.84
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	14	0.84
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	14	0.84
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	1	0.84
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	1	0.84
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	1	0.84
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	12	0.84
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	2	0.84
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	15	0.84
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	6	0.84
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	6	0.84
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	6	0.84
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	15	0.84
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	10	0.84
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	18	0.84
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	1	0.84
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	20	0.84
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	20	0.84
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	20	0.84
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	19	0.84
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	18	0.84
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	18	0.84
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	18	0.84
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	7	0.84
(1,199)	1:66:A:PHE:HB3	1:67:A:LEU:HD11	15	0.84

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,199)	1:66:A:PHE:HB3	1:67:A:LEU:HD12	15	0.84
(1,199)	1:66:A:PHE:HB3	1:67:A:LEU:HD13	15	0.84
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	4	0.84
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	4	0.84
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	4	0.84
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	4	0.84
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	4	0.84
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	4	0.84
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	4	0.84
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	4	0.84
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	4	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	2	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	2	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	2	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	18	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	18	0.84
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	18	0.84
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	1	0.83
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	1	0.83
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	1	0.83
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	9	0.83
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	9	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	6	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	6	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	6	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	6	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	6	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	6	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	6	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	6	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	6	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	10	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	10	0.83
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	10	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	10	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	10	0.83
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	10	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	10	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	10	0.83
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	10	0.83
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	7	0.83
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	15	0.83

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	15	0.83
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	15	0.83
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	4	0.83
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	4	0.83
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	4	0.83
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	3	0.83
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	3	0.83
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	3	0.83
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	12	0.83
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	12	0.83
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	12	0.83
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	12	0.83
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	12	0.83
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	12	0.83
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	12	0.83
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	12	0.83
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	12	0.83
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	4	0.83
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	1	0.83
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	1	0.83
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	1	0.83
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	3	0.83
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	3	0.83
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	3	0.83
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	20	0.83
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	18	0.83
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	20	0.83
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	14	0.83
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	3	0.83
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	13	0.83
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	15	0.83
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	14	0.83
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	14	0.83
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	14	0.83
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD11	10	0.82
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD12	10	0.82
(2,68)	1:37:A:GLU:HG2	1:38:A:LEU:HD13	10	0.82
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	1	0.82
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	1	0.82
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	7	0.82
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	7	0.82
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	7	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	7	0.82
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	7	0.82
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	7	0.82
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	7	0.82
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	7	0.82
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	7	0.82
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	2	0.82
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	2	0.82
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	2	0.82
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	18	0.82
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	18	0.82
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	18	0.82
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	20	0.82
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	20	0.82
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	20	0.82
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	13	0.82
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	13	0.82
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	13	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	3	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	3	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	3	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	12	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	12	0.82
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	12	0.82
(1,1964)	1:5:A:SER:HB2	1:182:A:LEU:HD11	13	0.82
(1,1964)	1:5:A:SER:HB2	1:182:A:LEU:HD12	13	0.82
(1,1964)	1:5:A:SER:HB2	1:182:A:LEU:HD13	13	0.82
(1,1805)	1:153:A:LEU:HD21	1:157:A:LEU:HD21	9	0.82
(1,1805)	1:153:A:LEU:HD21	1:157:A:LEU:HD22	9	0.82
(1,1805)	1:153:A:LEU:HD21	1:157:A:LEU:HD23	9	0.82
(1,1805)	1:153:A:LEU:HD22	1:157:A:LEU:HD21	9	0.82
(1,1805)	1:153:A:LEU:HD22	1:157:A:LEU:HD22	9	0.82
(1,1805)	1:153:A:LEU:HD22	1:157:A:LEU:HD23	9	0.82
(1,1805)	1:153:A:LEU:HD23	1:157:A:LEU:HD21	9	0.82
(1,1805)	1:153:A:LEU:HD23	1:157:A:LEU:HD22	9	0.82
(1,1805)	1:153:A:LEU:HD23	1:157:A:LEU:HD23	9	0.82
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	14	0.82
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	14	0.82
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	14	0.82
(1,1392)	1:189:A:GLN:H	1:190:A:GLN:HB2	8	0.82
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	12	0.82
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	12	0.82

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	12	0.82
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	5	0.82
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	5	0.82
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	5	0.82
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	15	0.82
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	14	0.82
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	14	0.82
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	9	0.82
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	14	0.82
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	3	0.82
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	3	0.82
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	3	0.82
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	3	0.81
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	3	0.81
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	8	0.81
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	18	0.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	18	0.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	18	0.81
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	18	0.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	18	0.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	18	0.81
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	18	0.81
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	18	0.81
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	18	0.81
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	18	0.81
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	14	0.81
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	14	0.81
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	14	0.81
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	5	0.81
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	5	0.81
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	5	0.81
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	5	0.81
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	5	0.81
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	5	0.81
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	5	0.81
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	5	0.81
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	5	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	4	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	4	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	4	0.81
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	4	0.81
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	4	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	4	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	4	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	4	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	4	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	9	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	9	0.81
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	9	0.81
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	9	0.81
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	9	0.81
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	9	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	9	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	9	0.81
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	9	0.81
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	1	0.81
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	13	0.81
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	11	0.81
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	1	0.81
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	1	0.81
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	1	0.81
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	11	0.81
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	11	0.81
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	11	0.81
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	17	0.81
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	1	0.81
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	13	0.81
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	17	0.81
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	17	0.81
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	20	0.81
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	20	0.81
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	20	0.81
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	4	0.81
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	4	0.81
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	10	0.81
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	10	0.81
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	19	0.81
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	19	0.81
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	19	0.81
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	17	0.81
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	17	0.81
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	3	0.81
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	13	0.81
(1,450)	1:79:A:PHE:HB3	1:125:A:TRP:HE1	11	0.81

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	8	0.81
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	19	0.81
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	20	0.8
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	20	0.8
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	20	0.8
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG21	15	0.8
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG22	15	0.8
(1,2326)	1:38:A:LEU:HD21	1:41:A:ILE:HG23	15	0.8
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG21	15	0.8
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG22	15	0.8
(1,2326)	1:38:A:LEU:HD22	1:41:A:ILE:HG23	15	0.8
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG21	15	0.8
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG22	15	0.8
(1,2326)	1:38:A:LEU:HD23	1:41:A:ILE:HG23	15	0.8
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	12	0.8
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	12	0.8
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	12	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	1	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	1	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	1	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	4	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	4	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	4	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	5	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	5	0.8
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	5	0.8
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	19	0.8
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	19	0.8
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	19	0.8
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	19	0.8
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	19	0.8
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	19	0.8
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	19	0.8
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	19	0.8
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	19	0.8
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	9	0.8
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD21	5	0.8
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD22	5	0.8
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD23	5	0.8
(1,1168)	1:116:A:SER:H	1:170:A:VAL:HB	7	0.8
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	14	0.8
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	17	0.8

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	9	0.8
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	14	0.8
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	14	0.8
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	14	0.8
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	12	0.8
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	17	0.8
(1,404)	1:84:A:VAL:HG21	1:86:A:SER:H	13	0.8
(1,404)	1:84:A:VAL:HG22	1:86:A:SER:H	13	0.8
(1,404)	1:84:A:VAL:HG23	1:86:A:SER:H	13	0.8
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	1	0.8
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	2	0.8
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	4	0.8
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	5	0.8
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	10	0.79
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	18	0.79
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	18	0.79
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	10	0.79
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	10	0.79
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	10	0.79
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	20	0.79
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	20	0.79
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	20	0.79
(1,1985)	1:24:A:LEU:HD11	1:33:A:PHE:HE2	13	0.79
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG21	10	0.79
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG22	10	0.79
(1,1921)	1:142:A:LEU:HB3	1:143:A:THR:HG23	10	0.79
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	16	0.79
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	10	0.79
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	10	0.79
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	10	0.79
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	19	0.79
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	14	0.79
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	7	0.79
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	3	0.79
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	3	0.79
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	3	0.79
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	8	0.79
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	8	0.79
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	5	0.79
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	12	0.79
(1,366)	1:94:A:LEU:HB2	1:174:A:LEU:H	11	0.79
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	8	0.79

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	8	0.79
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	18	0.78
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	18	0.78
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	18	0.78
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	19	0.78
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	18	0.78
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	18	0.78
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	18	0.78
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	18	0.78
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	18	0.78
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	18	0.78
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	8	0.78
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	8	0.78
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	8	0.78
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	19	0.78
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	19	0.78
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	19	0.78
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	4	0.78
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	4	0.78
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	4	0.78
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	4	0.78
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	4	0.78
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	4	0.78
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	2	0.78
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	2	0.78
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	2	0.78
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	11	0.78
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	11	0.78
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	11	0.78
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	16	0.78
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	16	0.78
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	16	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	2	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	2	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	2	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	2	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	2	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	2	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	2	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	2	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	2	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	3	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	3	0.78
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	3	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	3	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	3	0.78
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	3	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	3	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	3	0.78
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	3	0.78
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	7	0.78
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	7	0.78
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	7	0.78
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	7	0.78
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	7	0.78
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	7	0.78
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	7	0.78
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	7	0.78
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	7	0.78
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD11	11	0.78
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD12	11	0.78
(1,1798)	1:111:A:PRO:HG3	1:157:A:LEU:HD13	11	0.78
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	2	0.78
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	16	0.78
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	10	0.78
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	12	0.78
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	12	0.78
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	2	0.78
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	2	0.78
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	2	0.78
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	12	0.78
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	12	0.78
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	12	0.78
(1,571)	1:54:A:ALA:HB1	1:58:A:VAL:HB	18	0.78
(1,571)	1:54:A:ALA:HB2	1:58:A:VAL:HB	18	0.78
(1,571)	1:54:A:ALA:HB3	1:58:A:VAL:HB	18	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	2	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	2	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	11	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	11	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	16	0.78
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	16	0.78
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	17	0.78
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	17	0.78

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	17	0.78
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	14	0.78
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	12	0.78
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	8	0.78
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	8	0.78
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	8	0.78
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	7	0.78
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	7	0.78
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	15	0.78
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	15	0.78
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	15	0.78
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	15	0.78
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	15	0.78
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	15	0.78
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	15	0.78
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	15	0.78
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	2	0.77
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	2	0.77
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	2	0.77
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	17	0.77
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	15	0.77
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	15	0.77
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	15	0.77
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD21	2	0.77
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD22	2	0.77
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD23	2	0.77
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD21	2	0.77
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD22	2	0.77
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD23	2	0.77
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD21	2	0.77
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD22	2	0.77
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD23	2	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	19	0.77
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	19	0.77
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	19	0.77
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	19	0.77
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	19	0.77
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	19	0.77
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	19	0.77
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	19	0.77
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	19	0.77
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	15	0.77
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	15	0.77
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	15	0.77
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	15	0.77
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	15	0.77
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	15	0.77
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	15	0.77
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	15	0.77
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	15	0.77
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	19	0.77
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	11	0.77
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	11	0.77
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	11	0.77
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	11	0.77
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	11	0.77
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	11	0.77
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	11	0.77
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	11	0.77
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	11	0.77
(1,1978)	1:89:A:LEU:H	1:91:A:VAL:HG21	5	0.77
(1,1978)	1:89:A:LEU:H	1:91:A:VAL:HG22	5	0.77
(1,1978)	1:89:A:LEU:H	1:91:A:VAL:HG23	5	0.77
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	11	0.77
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	11	0.77
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	11	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	11	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	11	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	11	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	11	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	11	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	11	0.77
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG21	18	0.77
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG22	18	0.77

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1935)	1:128:A:VAL:HG21	1:148:A:ILE:HG23	18	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG21	18	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG22	18	0.77
(1,1935)	1:128:A:VAL:HG22	1:148:A:ILE:HG23	18	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG21	18	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG22	18	0.77
(1,1935)	1:128:A:VAL:HG23	1:148:A:ILE:HG23	18	0.77
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	8	0.77
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	8	0.77
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	11	0.77
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	7	0.77
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	14	0.77
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	14	0.77
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	14	0.77
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	11	0.77
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	19	0.77
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	19	0.77
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	1	0.77
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	1	0.77
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	1	0.77
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	8	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	4	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	4	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	9	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	9	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	15	0.77
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	15	0.77
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	5	0.77
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	5	0.77
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	5	0.77
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	19	0.77
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	15	0.77
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	15	0.77
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	15	0.77
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	9	0.77
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE1	17	0.76
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE2	17	0.76
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	20	0.76
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	20	0.76
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	1	0.76
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	1	0.76
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	1	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	1	0.76
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	1	0.76
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	1	0.76
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	11	0.76
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	11	0.76
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	11	0.76
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	17	0.76
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	17	0.76
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	17	0.76
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	17	0.76
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	17	0.76
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	17	0.76
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD21	17	0.76
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD22	17	0.76
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD23	17	0.76
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD21	17	0.76
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD22	17	0.76
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD23	17	0.76
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	5	0.76
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	5	0.76
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	5	0.76
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	18	0.76
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	18	0.76
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	18	0.76
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	8	0.76
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	8	0.76
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	8	0.76
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	17	0.76
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	17	0.76
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	17	0.76
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	17	0.76
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	17	0.76
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	17	0.76
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	17	0.76
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	17	0.76
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	17	0.76
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	6	0.76
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	6	0.76
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	6	0.76
(1,1983)	1:24:A:LEU:HD11	1:89:A:LEU:HG	15	0.76
(1,1983)	1:24:A:LEU:HD12	1:89:A:LEU:HG	15	0.76
(1,1983)	1:24:A:LEU:HD13	1:89:A:LEU:HG	15	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	6	0.76
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	6	0.76
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	6	0.76
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	6	0.76
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	6	0.76
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	6	0.76
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	6	0.76
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	6	0.76
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	6	0.76
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	8	0.76
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	9	0.76
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	1	0.76
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	7	0.76
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	13	0.76
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	18	0.76
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	18	0.76
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	18	0.76
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	19	0.76
(1,1247)	1:58:A:VAL:H	1:58:A:VAL:HB	18	0.76
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	18	0.76
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	18	0.76
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	18	0.76
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	3	0.76
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	20	0.76
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	20	0.76
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	20	0.76
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	4	0.76
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	4	0.76
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	4	0.76
(1,612)	1:28:A:LEU:HD11	1:85:A:ILE:HG12	17	0.76
(1,612)	1:28:A:LEU:HD12	1:85:A:ILE:HG12	17	0.76
(1,612)	1:28:A:LEU:HD13	1:85:A:ILE:HG12	17	0.76
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	11	0.76
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	11	0.76
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	11	0.76
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	6	0.76
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	6	0.76
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	6	0.76
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	3	0.76
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	3	0.76
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	13	0.76
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	13	0.76

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	18	0.76
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	18	0.76
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	18	0.76
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	20	0.76
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	20	0.76
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	20	0.76
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	9	0.76
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	2	0.76
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	2	0.76
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	2	0.76
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	15	0.76
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	15	0.76
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	2	0.76
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	2	0.76
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	2	0.76
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	9	0.76
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	15	0.75
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	15	0.75
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	20	0.75
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	20	0.75
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	20	0.75
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	20	0.75
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	20	0.75
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	20	0.75
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	20	0.75
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	20	0.75
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	20	0.75
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	4	0.75
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	4	0.75
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	4	0.75
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	4	0.75
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	4	0.75
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	4	0.75
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	20	0.75
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	20	0.75
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	20	0.75
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	20	0.75
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	20	0.75
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	20	0.75
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	14	0.75
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	14	0.75
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	14	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	14	0.75
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	14	0.75
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	14	0.75
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	6	0.75
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	6	0.75
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	6	0.75
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	6	0.75
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	6	0.75
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	6	0.75
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	6	0.75
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	6	0.75
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	6	0.75
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	1	0.75
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD21	16	0.75
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD22	16	0.75
(1,1601)	1:137:A:ASN:H	1:138:A:LEU:HD23	16	0.75
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	5	0.75
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	18	0.75
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	19	0.75
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	19	0.75
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	19	0.75
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	13	0.75
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	13	0.75
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	13	0.75
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	1	0.75
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	15	0.75
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	18	0.75
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	7	0.75
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	6	0.75
(1,620)	1:89:A:LEU:HD21	1:92:A:TRP:HB3	13	0.75
(1,620)	1:89:A:LEU:HD22	1:92:A:TRP:HB3	13	0.75
(1,620)	1:89:A:LEU:HD23	1:92:A:TRP:HB3	13	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	1	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	1	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	5	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	5	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	6	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	6	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	18	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	18	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	19	0.75
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	19	0.75

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	1	0.75
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	1	0.75
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	1	0.75
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	1	0.75
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	1	0.75
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	1	0.75
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	6	0.75
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	11	0.75
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	20	0.75
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	20	0.75
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	20	0.75
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	20	0.75
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	20	0.75
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	20	0.75
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	20	0.75
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	20	0.75
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	20	0.75
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE1	11	0.74
(2,77)	1:160:A:LEU:HG	1:165:A:TYR:HE2	11	0.74
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	5	0.74
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	5	0.74
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	5	0.74
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	5	0.74
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	5	0.74
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	5	0.74
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	8	0.74
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	8	0.74
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	8	0.74
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	15	0.74
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	5	0.74
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	5	0.74
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	5	0.74
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD21	6	0.74
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD22	6	0.74
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD23	6	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD21	6	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD22	6	0.74
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD23	6	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD21	6	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD22	6	0.74
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD23	6	0.74
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	14	0.74

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	14	0.74
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	14	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	14	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	14	0.74
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	14	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	14	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	14	0.74
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	14	0.74
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	1	0.74
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	11	0.74
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	8	0.74
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	18	0.74
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	12	0.74
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	11	0.74
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	19	0.74
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	20	0.74
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	19	0.74
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	13	0.74
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	13	0.74
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	13	0.74
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	8	0.74
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	8	0.74
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	8	0.74
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	17	0.74
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	20	0.74
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	16	0.74
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	7	0.74
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	7	0.74
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	7	0.74
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	9	0.74
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	9	0.74
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	9	0.74
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	14	0.74
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	14	0.74
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	14	0.74
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	4	0.73
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	4	0.73
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	4	0.73
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	8	0.73
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	8	0.73
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	6	0.73
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	6	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	6	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	6	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	6	0.73
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	6	0.73
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	12	0.73
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	12	0.73
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	12	0.73
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	12	0.73
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	12	0.73
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	12	0.73
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	9	0.73
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	9	0.73
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	9	0.73
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	19	0.73
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	19	0.73
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	19	0.73
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	3	0.73
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	3	0.73
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	3	0.73
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	6	0.73
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	6	0.73
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	15	0.73
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	15	0.73
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	15	0.73
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	15	0.73
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	15	0.73
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	15	0.73
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	15	0.73
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	15	0.73
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	15	0.73
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	3	0.73
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	5	0.73
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	8	0.73
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	3	0.73
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	5	0.73
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	2	0.73
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	12	0.73
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	16	0.73
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	10	0.73
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	15	0.73
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	15	0.73
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	15	0.73

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	10	0.73
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	10	0.73
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	12	0.73
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	12	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	14	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	14	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	14	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	19	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	19	0.73
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	19	0.73
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	10	0.73
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	10	0.73
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	10	0.73
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	1	0.73
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	13	0.73
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	14	0.73
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	17	0.73
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	17	0.73
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	17	0.73
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	18	0.72
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	18	0.72
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	18	0.72
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	4	0.72
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	4	0.72
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	4	0.72
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	7	0.72
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	7	0.72
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	7	0.72
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	10	0.72
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	10	0.72
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	10	0.72
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	5	0.72
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	5	0.72
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	4	0.72
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	4	0.72
(1,2406)	1:42:A:ALA:HB1	1:80:A:PHE:HB2	13	0.72
(1,2406)	1:42:A:ALA:HB2	1:80:A:PHE:HB2	13	0.72
(1,2406)	1:42:A:ALA:HB3	1:80:A:PHE:HB2	13	0.72
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	16	0.72
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	16	0.72
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	16	0.72
(1,2288)	1:94:A:LEU:HD11	1:173:A:ASP:HA	10	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2288)	1:94:A:LEU:HD12	1:173:A:ASP:HA	10	0.72
(1,2288)	1:94:A:LEU:HD13	1:173:A:ASP:HA	10	0.72
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD13	8	0.72
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD13	8	0.72
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD13	8	0.72
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD13	8	0.72
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD13	8	0.72
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD11	8	0.72
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD12	8	0.72
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD13	8	0.72
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	18	0.72
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	18	0.72
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	18	0.72
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	18	0.72
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	18	0.72
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	18	0.72
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	18	0.72
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	18	0.72
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	18	0.72
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	18	0.72
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	18	0.72
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	18	0.72
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	18	0.72
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	18	0.72
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	18	0.72
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	18	0.72
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	18	0.72
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	18	0.72
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	11	0.72
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	11	0.72
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	11	0.72
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	11	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	11	0.72
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	11	0.72
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	11	0.72
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	11	0.72
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	11	0.72
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	6	0.72
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	18	0.72
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	15	0.72
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	15	0.72
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	15	0.72
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	7	0.72
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	8	0.72
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	11	0.72
(1,1151)	1:187:A:ARG:H	1:187:A:ARG:HD2	7	0.72
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	3	0.72
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	6	0.72
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	9	0.72
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	11	0.72
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	14	0.72
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	14	0.72
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD21	14	0.72
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD22	14	0.72
(1,564)	1:24:A:LEU:HB3	1:28:A:LEU:HD23	14	0.72
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	7	0.72
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	7	0.72
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE1	20	0.72
(1,534)	1:164:A:GLY:HA3	1:165:A:TYR:HE2	20	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	11	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	11	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	11	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	12	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	12	0.72
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	12	0.72
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	18	0.72
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	18	0.72
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	18	0.72
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	17	0.72
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	4	0.72
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	6	0.72
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	11	0.72
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	20	0.72
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	5	0.72

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	5	0.72
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	5	0.72
(1,168)	1:75:A:ASP:HB3	1:78:A:GLY:H	3	0.72
(1,19)	1:107:A:LEU:HA	1:108:A:ARG:HD2	1	0.72
(1,19)	1:107:A:LEU:HA	1:108:A:ARG:HD3	1	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	6	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	6	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	6	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	8	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	8	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	8	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	15	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	15	0.72
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	15	0.72
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	17	0.71
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	17	0.71
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	17	0.71
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	18	0.71
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	18	0.71
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	18	0.71
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	19	0.71
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	19	0.71
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	19	0.71
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	1	0.71
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	1	0.71
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	1	0.71
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	20	0.71
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	20	0.71
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	20	0.71
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	6	0.71
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	5	0.71
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	5	0.71
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	5	0.71
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	5	0.71
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	5	0.71
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	5	0.71
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	5	0.71
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	5	0.71
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	5	0.71
(1,1738)	1:153:A:LEU:HD11	1:154:A:ALA:HB1	9	0.71
(1,1738)	1:153:A:LEU:HD11	1:154:A:ALA:HB2	9	0.71
(1,1738)	1:153:A:LEU:HD11	1:154:A:ALA:HB3	9	0.71

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1738)	1:153:A:LEU:HD12	1:154:A:ALA:HB1	9	0.71
(1,1738)	1:153:A:LEU:HD12	1:154:A:ALA:HB2	9	0.71
(1,1738)	1:153:A:LEU:HD12	1:154:A:ALA:HB3	9	0.71
(1,1738)	1:153:A:LEU:HD13	1:154:A:ALA:HB1	9	0.71
(1,1738)	1:153:A:LEU:HD13	1:154:A:ALA:HB2	9	0.71
(1,1738)	1:153:A:LEU:HD13	1:154:A:ALA:HB3	9	0.71
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	19	0.71
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	4	0.71
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	18	0.71
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	6	0.71
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	13	0.71
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	19	0.71
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	5	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	10	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	10	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	10	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	10	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	10	0.71
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	10	0.71
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	1	0.71
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	16	0.71
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	16	0.71
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	16	0.71
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	3	0.71
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	7	0.71
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	9	0.71
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	12	0.71
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	18	0.71
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	11	0.71
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	11	0.71
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	1	0.7
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	1	0.7
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	1	0.7
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	13	0.7
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	13	0.7
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	13	0.7
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	13	0.7
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	13	0.7
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	13	0.7
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	12	0.7
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	4	0.7
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	4	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	4	0.7
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD21	11	0.7
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD22	11	0.7
(1,2339)	1:156:A:PHE:HE1	1:160:A:LEU:HD23	11	0.7
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD21	11	0.7
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD22	11	0.7
(1,2339)	1:156:A:PHE:HE2	1:160:A:LEU:HD23	11	0.7
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	11	0.7
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	11	0.7
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	11	0.7
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	11	0.7
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	11	0.7
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	11	0.7
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD21	7	0.7
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD22	7	0.7
(1,2215)	1:27:A:LEU:HD21	1:28:A:LEU:HD23	7	0.7
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD21	7	0.7
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD22	7	0.7
(1,2215)	1:27:A:LEU:HD22	1:28:A:LEU:HD23	7	0.7
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD21	7	0.7
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD22	7	0.7
(1,2215)	1:27:A:LEU:HD23	1:28:A:LEU:HD23	7	0.7
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	2	0.7
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	2	0.7
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	2	0.7
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	2	0.7
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	2	0.7
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	2	0.7
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	2	0.7
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	2	0.7
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	2	0.7
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	19	0.7
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	19	0.7
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	19	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	19	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	19	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	19	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	19	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	19	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	19	0.7
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	20	0.7
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	20	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	20	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	20	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	20	0.7
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	20	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	20	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	20	0.7
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	20	0.7
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	15	0.7
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	2	0.7
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	2	0.7
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	2	0.7
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	2	0.7
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	2	0.7
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	2	0.7
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	2	0.7
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	2	0.7
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	2	0.7
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	3	0.7
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	2	0.7
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	5	0.7
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	12	0.7
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	12	0.7
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	12	0.7
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	1	0.7
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	4	0.7
(1,1151)	1:187:A:ARG:H	1:187:A:ARG:HD2	20	0.7
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	2	0.7
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	3	0.7
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	3	0.7
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	3	0.7
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	5	0.7
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	5	0.7
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	5	0.7
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	4	0.7
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	20	0.7
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	20	0.7
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	20	0.7
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG21	13	0.7
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG22	13	0.7
(1,520)	1:117:A:PHE:HB2	1:167:A:ILE:HG23	13	0.7
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	5	0.7
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	8	0.7

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	10	0.7
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	20	0.7
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	20	0.7
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	11	0.7
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	11	0.7
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	11	0.7
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	6	0.7
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	14	0.7
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	14	0.7
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	14	0.7
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	14	0.7
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	14	0.7
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	14	0.7
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	14	0.7
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	14	0.7
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	14	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	3	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	3	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	3	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	19	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	19	0.7
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	19	0.7
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	13	0.69
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	13	0.69
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	13	0.69
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	9	0.69
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	9	0.69
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	9	0.69
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	14	0.69
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	14	0.69
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	14	0.69
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	20	0.69
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	20	0.69
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	20	0.69
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	17	0.69
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	17	0.69
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE1	13	0.69
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE2	13	0.69
(1,2459)	1:38:A:LEU:HD11	1:74:A:MET:HE3	13	0.69
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE1	13	0.69
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE2	13	0.69
(1,2459)	1:38:A:LEU:HD12	1:74:A:MET:HE3	13	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE1	13	0.69
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE2	13	0.69
(1,2459)	1:38:A:LEU:HD13	1:74:A:MET:HE3	13	0.69
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	11	0.69
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	11	0.69
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	11	0.69
(1,2230)	1:28:A:LEU:HD12	1:33:A:PHE:HE2	3	0.69
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	3	0.69
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	3	0.69
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	3	0.69
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	3	0.69
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	3	0.69
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	3	0.69
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	3	0.69
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	3	0.69
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	3	0.69
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	5	0.69
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	7	0.69
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	9	0.69
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	20	0.69
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	9	0.69
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	9	0.69
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	9	0.69
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	9	0.69
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	9	0.69
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	9	0.69
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	9	0.69
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	9	0.69
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	9	0.69
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	10	0.69
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	4	0.69
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	9	0.69
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	9	0.69
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	9	0.69
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	9	0.69
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	10	0.69
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	14	0.69
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	16	0.69
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	17	0.69
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	14	0.69
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	1	0.69
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	1	0.69

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	1	0.69
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	1	0.69
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	1	0.69
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	1	0.69
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	8	0.69
(1,399)	1:120:A:ASN:HB2	1:122:A:LYS:H	19	0.69
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	19	0.69
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	15	0.69
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	15	0.69
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	15	0.69
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	2	0.69
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	2	0.69
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	2	0.69
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	14	0.69
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	5	0.69
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	5	0.69
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	5	0.69
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	7	0.68
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	15	0.68
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	15	0.68
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	15	0.68
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	15	0.68
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	15	0.68
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	15	0.68
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	3	0.68
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	3	0.68
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	3	0.68
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	6	0.68
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	6	0.68
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	6	0.68
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	5	0.68
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	5	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	5	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	5	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	5	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	5	0.68
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	9	0.68
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	9	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	9	0.68
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	9	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	9	0.68
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	9	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	17	0.68
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	17	0.68
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	17	0.68
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	17	0.68
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	17	0.68
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	17	0.68
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE1	2	0.68
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD13	4	0.68
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD13	4	0.68
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD13	4	0.68
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD13	4	0.68
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD13	4	0.68
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD11	4	0.68
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD12	4	0.68
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD13	4	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	10	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	10	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	10	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	19	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	19	0.68
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	19	0.68
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	16	0.68
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	16	0.68
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	16	0.68
(1,1985)	1:24:A:LEU:HD12	1:33:A:PHE:HE1	2	0.68
(1,1933)	1:148:A:ILE:HG12	1:153:A:LEU:HD21	9	0.68
(1,1933)	1:148:A:ILE:HG12	1:153:A:LEU:HD22	9	0.68
(1,1933)	1:148:A:ILE:HG12	1:153:A:LEU:HD23	9	0.68
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	13	0.68
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	16	0.68
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	18	0.68
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	7	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	7	0.68
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	7	0.68
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	7	0.68
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	7	0.68
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	7	0.68
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	7	0.68
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	7	0.68
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	7	0.68
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	4	0.68
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	9	0.68
(1,1312)	1:67:A:LEU:H	1:67:A:LEU:HD11	15	0.68
(1,1312)	1:67:A:LEU:H	1:67:A:LEU:HD12	15	0.68
(1,1312)	1:67:A:LEU:H	1:67:A:LEU:HD13	15	0.68
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	2	0.68
(1,1178)	1:89:A:LEU:H	1:90:A:LYS:HB2	20	0.68
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	20	0.68
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	5	0.68
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	5	0.68
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	5	0.68
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	11	0.68
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	11	0.68
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	11	0.68
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	11	0.68
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	11	0.68
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	11	0.68
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	20	0.68
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	9	0.68
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	9	0.68
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	9	0.68
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	2	0.68
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	1	0.68
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	1	0.68
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE1	3	0.68
(1,327)	1:103:A:GLU:HB3	1:104:A:TYR:HE2	3	0.68
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	7	0.68
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	7	0.68
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	1	0.68
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	16	0.68
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	16	0.68
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	16	0.68
(1,181)	1:75:A:ASP:HB3	1:76:A:ASP:H	11	0.68
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	18	0.68

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	18	0.68
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	18	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	12	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	12	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	12	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	20	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	20	0.68
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	20	0.68
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	2	0.67
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	2	0.67
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	2	0.67
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	3	0.67
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	3	0.67
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	3	0.67
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	13	0.67
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	13	0.67
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	13	0.67
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	15	0.67
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	15	0.67
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	15	0.67
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	4	0.67
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	15	0.67
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	15	0.67
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	15	0.67
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	15	0.67
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	15	0.67
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	15	0.67
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	12	0.67
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	12	0.67
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	12	0.67
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	5	0.67
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	5	0.67
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	5	0.67
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	5	0.67
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	5	0.67
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	5	0.67
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	1	0.67
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	4	0.67
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	4	0.67
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	4	0.67
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	14	0.67
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	14	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	14	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	7	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	7	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	7	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	12	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	12	0.67
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	12	0.67
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	7	0.67
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	7	0.67
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	7	0.67
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	7	0.67
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	7	0.67
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	7	0.67
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	7	0.67
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	7	0.67
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	7	0.67
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	1	0.67
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	3	0.67
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	8	0.67
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	6	0.67
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	6	0.67
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	6	0.67
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	6	0.67
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	6	0.67
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	6	0.67
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	6	0.67
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	6	0.67
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	6	0.67
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	12	0.67
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	16	0.67
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	20	0.67
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	11	0.67
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	5	0.67
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	13	0.67
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	6	0.67
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	6	0.67
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	6	0.67
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	6	0.67
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	6	0.67
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	5	0.67
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	5	0.67
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	5	0.67

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	2	0.67
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	2	0.67
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	2	0.67
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	15	0.67
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	10	0.67
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	10	0.67
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	10	0.67
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	11	0.67
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	11	0.67
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	11	0.67
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	6	0.66
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	6	0.66
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	6	0.66
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	11	0.66
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	11	0.66
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	11	0.66
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	12	0.66
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	12	0.66
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	12	0.66
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	12	0.66
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	12	0.66
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	13	0.66
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	13	0.66
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	13	0.66
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	13	0.66
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	13	0.66
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	13	0.66
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	13	0.66
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	13	0.66
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	13	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	9	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	9	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	9	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	11	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	11	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	11	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	18	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	18	0.66
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	18	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	2	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	2	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	2	0.66

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	2	0.66
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	2	0.66
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	2	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	2	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	2	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	2	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	16	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	16	0.66
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	16	0.66
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	16	0.66
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	16	0.66
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	16	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	16	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	16	0.66
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	16	0.66
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	12	0.66
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	3	0.66
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	3	0.66
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	3	0.66
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	9	0.66
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	4	0.66
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	4	0.66
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	4	0.66
(1,1210)	1:98:A:LEU:HD21	1:101:A:SER:H	5	0.66
(1,1210)	1:98:A:LEU:HD22	1:101:A:SER:H	5	0.66
(1,1210)	1:98:A:LEU:HD23	1:101:A:SER:H	5	0.66
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	14	0.66
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	20	0.66
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	20	0.66
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	20	0.66
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	20	0.66
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	1	0.66
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	2	0.66
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	3	0.66
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	3	0.66
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	3	0.66
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	16	0.66
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	16	0.66
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	16	0.66
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	15	0.65
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	20	0.65
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	20	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	20	0.65
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	18	0.65
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	18	0.65
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	18	0.65
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	18	0.65
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	18	0.65
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	18	0.65
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD21	1:28:A:LEU:HD13	15	0.65
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD22	1:28:A:LEU:HD13	15	0.65
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD23	1:28:A:LEU:HD13	15	0.65
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD11	1:28:A:LEU:HD13	15	0.65
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD12	1:28:A:LEU:HD13	15	0.65
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD11	15	0.65
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD12	15	0.65
(1,2223)	1:27:A:LEU:HD13	1:28:A:LEU:HD13	15	0.65
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	18	0.65
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	18	0.65
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	18	0.65
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD21	13	0.65
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD22	13	0.65
(1,2082)	1:28:A:LEU:HD21	1:89:A:LEU:HD23	13	0.65
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD21	13	0.65
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD22	13	0.65
(1,2082)	1:28:A:LEU:HD22	1:89:A:LEU:HD23	13	0.65
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD21	13	0.65
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD22	13	0.65
(1,2082)	1:28:A:LEU:HD23	1:89:A:LEU:HD23	13	0.65
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	10	0.65
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	20	0.65
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	13	0.65
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	13	0.65
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	13	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	16	0.65
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	4	0.65
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	14	0.65
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	17	0.65
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	19	0.65
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	3	0.65
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	3	0.65
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	3	0.65
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	3	0.65
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	3	0.65
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	3	0.65
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	3	0.65
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	3	0.65
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	3	0.65
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	12	0.65
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	12	0.65
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	12	0.65
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	12	0.65
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	12	0.65
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	12	0.65
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	12	0.65
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	12	0.65
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	12	0.65
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	14	0.65
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	20	0.65
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD11	17	0.65
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD12	17	0.65
(1,1181)	1:86:A:SER:H	1:96:A:LEU:HD13	17	0.65
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	18	0.65
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	1	0.65
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	18	0.65
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	18	0.65
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	18	0.65
(1,737)	1:67:A:LEU:HD11	1:68:A:GLN:HG2	15	0.65
(1,737)	1:67:A:LEU:HD11	1:68:A:GLN:HG3	15	0.65
(1,737)	1:67:A:LEU:HD12	1:68:A:GLN:HG2	15	0.65
(1,737)	1:67:A:LEU:HD12	1:68:A:GLN:HG3	15	0.65
(1,737)	1:67:A:LEU:HD13	1:68:A:GLN:HG2	15	0.65
(1,737)	1:67:A:LEU:HD13	1:68:A:GLN:HG3	15	0.65
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	16	0.65
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	10	0.65
(1,416)	1:157:A:LEU:H	1:160:A:LEU:HG	17	0.65

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	11	0.65
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	20	0.65
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	20	0.65
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	20	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	4	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	4	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	4	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	9	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	9	0.65
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	9	0.65
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	18	0.64
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	12	0.64
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB3	5	0.64
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	8	0.64
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	8	0.64
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE2	5	0.64
(1,2220)	1:28:A:LEU:HD22	1:33:A:PHE:HE2	15	0.64
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	17	0.64
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	17	0.64
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	17	0.64
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	20	0.64
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	20	0.64
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	20	0.64
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	11	0.64
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	1	0.64
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	1	0.64
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	1	0.64
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	1	0.64
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	1	0.64
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	1	0.64
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	1	0.64
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	1	0.64
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	1	0.64
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	14	0.64
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD11	9	0.64
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD12	9	0.64
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD13	9	0.64
(1,1287)	1:131:A:LEU:HD11	1:179:A:ALA:H	13	0.64
(1,1287)	1:131:A:LEU:HD12	1:179:A:ALA:H	13	0.64
(1,1287)	1:131:A:LEU:HD13	1:179:A:ALA:H	13	0.64
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	19	0.64
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	19	0.64

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	19	0.64
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	9	0.64
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	9	0.64
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	9	0.64
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	5	0.64
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	5	0.64
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	5	0.64
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	6	0.64
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	13	0.64
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	13	0.64
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	13	0.64
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	1	0.64
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE1	18	0.64
(1,210)	1:50:A:ARG:HG2	1:63:A:TYR:HE2	18	0.64
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	12	0.64
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	12	0.64
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	12	0.64
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	13	0.64
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	13	0.64
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	13	0.64
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	7	0.64
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	7	0.64
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	7	0.64
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	5	0.63
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	15	0.63
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	2	0.63
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	2	0.63
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	2	0.63
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	2	0.63
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	2	0.63
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	2	0.63
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD11	4	0.63
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD12	4	0.63
(1,2127)	1:82:A:ILE:HG21	1:96:A:LEU:HD13	4	0.63
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD11	4	0.63
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD12	4	0.63
(1,2127)	1:82:A:ILE:HG22	1:96:A:LEU:HD13	4	0.63
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD11	4	0.63
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD12	4	0.63
(1,2127)	1:82:A:ILE:HG23	1:96:A:LEU:HD13	4	0.63
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	15	0.63
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	15	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	15	0.63
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	12	0.63
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG21	11	0.63
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG22	11	0.63
(1,1952)	1:27:A:LEU:HD21	1:127:A:THR:HG23	11	0.63
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG21	11	0.63
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG22	11	0.63
(1,1952)	1:27:A:LEU:HD22	1:127:A:THR:HG23	11	0.63
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG21	11	0.63
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG22	11	0.63
(1,1952)	1:27:A:LEU:HD23	1:127:A:THR:HG23	11	0.63
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	2	0.63
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	5	0.63
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	18	0.63
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	20	0.63
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	20	0.63
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	20	0.63
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	20	0.63
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	20	0.63
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	20	0.63
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	20	0.63
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	20	0.63
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	20	0.63
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	15	0.63
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	18	0.63
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	13	0.63
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	7	0.63
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	18	0.63
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	18	0.63
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	18	0.63
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	2	0.63
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	17	0.63
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	15	0.63
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	15	0.63
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	15	0.63
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	3	0.63
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	4	0.63
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	7	0.63
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	8	0.63
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	6	0.63
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	6	0.63
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	6	0.63

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	6	0.63
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	6	0.63
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	6	0.63
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	20	0.62
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	20	0.62
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	20	0.62
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	20	0.62
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	8	0.62
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	8	0.62
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	8	0.62
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	18	0.62
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	18	0.62
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	18	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	18	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	18	0.62
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	18	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	18	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	18	0.62
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	18	0.62
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	11	0.62
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	13	0.62
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD21	6	0.62
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD22	6	0.62
(1,1986)	1:24:A:LEU:HD11	1:27:A:LEU:HD23	6	0.62
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD21	6	0.62
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD22	6	0.62
(1,1986)	1:24:A:LEU:HD12	1:27:A:LEU:HD23	6	0.62
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD21	6	0.62
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD22	6	0.62
(1,1986)	1:24:A:LEU:HD13	1:27:A:LEU:HD23	6	0.62
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD21	11	0.62
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD22	11	0.62
(1,1888)	1:28:A:LEU:HD11	1:174:A:LEU:HD23	11	0.62
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD21	11	0.62
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD22	11	0.62
(1,1888)	1:28:A:LEU:HD12	1:174:A:LEU:HD23	11	0.62
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD21	11	0.62
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD22	11	0.62
(1,1888)	1:28:A:LEU:HD13	1:174:A:LEU:HD23	11	0.62
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	17	0.62
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	17	0.62
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	17	0.62

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	17	0.62
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	17	0.62
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	17	0.62
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	17	0.62
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	17	0.62
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	17	0.62
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	15	0.62
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	13	0.62
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	20	0.62
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	20	0.62
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	20	0.62
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	6	0.62
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	15	0.62
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	15	0.62
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	15	0.62
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	12	0.62
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	4	0.62
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	4	0.62
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	4	0.62
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	19	0.62
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	19	0.62
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	19	0.62
(1,416)	1:157:A:LEU:H	1:160:A:LEU:HG	11	0.62
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	15	0.62
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	15	0.62
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	15	0.62
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	9	0.62
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	13	0.62
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	1	0.62
(1,164)	1:120:A:ASN:H	1:160:A:LEU:HB3	6	0.62
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	13	0.62
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	13	0.62
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	13	0.62
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	13	0.61
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	13	0.61
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	13	0.61
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	16	0.61
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	16	0.61
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	16	0.61
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	19	0.61
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	19	0.61
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	19	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	16	0.61
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	16	0.61
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	16	0.61
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	16	0.61
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	16	0.61
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	16	0.61
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	2	0.61
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	2	0.61
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	2	0.61
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	2	0.61
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	2	0.61
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	2	0.61
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	18	0.61
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	18	0.61
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	18	0.61
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	3	0.61
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	3	0.61
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	3	0.61
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	3	0.61
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	3	0.61
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	3	0.61
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	3	0.61
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	3	0.61
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	3	0.61
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	12	0.61
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	12	0.61
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	10	0.61
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	10	0.61
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	10	0.61
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	3	0.61
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	3	0.61
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	3	0.61
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	3	0.61
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	3	0.61
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	3	0.61
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	3	0.61
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	3	0.61
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	3	0.61
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	16	0.61
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	16	0.61
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	16	0.61
(1,1702)	1:84:A:VAL:HG21	1:85:A:ILE:HB	13	0.61

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1702)	1:84:A:VAL:HG22	1:85:A:ILE:HB	13	0.61
(1,1702)	1:84:A:VAL:HG23	1:85:A:ILE:HB	13	0.61
(1,1702)	1:84:A:VAL:HG21	1:85:A:ILE:HB	20	0.61
(1,1702)	1:84:A:VAL:HG22	1:85:A:ILE:HB	20	0.61
(1,1702)	1:84:A:VAL:HG23	1:85:A:ILE:HB	20	0.61
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	20	0.61
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	3	0.61
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD11	17	0.61
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD12	17	0.61
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD13	17	0.61
(1,375)	1:38:A:LEU:HD21	1:40:A:SER:H	20	0.61
(1,375)	1:38:A:LEU:HD22	1:40:A:SER:H	20	0.61
(1,375)	1:38:A:LEU:HD23	1:40:A:SER:H	20	0.61
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	10	0.61
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	7	0.61
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	7	0.61
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	4	0.6
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	4	0.6
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	4	0.6
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD21	12	0.6
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD22	12	0.6
(2,92)	1:92:A:TRP:HZ3	1:94:A:LEU:HD23	12	0.6
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	12	0.6
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	12	0.6
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	12	0.6
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	17	0.6
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	3	0.6
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	3	0.6
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	3	0.6
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	17	0.6
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	17	0.6
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	17	0.6
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	15	0.6
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	15	0.6
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	15	0.6
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	3	0.6
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	3	0.6
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	6	0.6
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	6	0.6
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	6	0.6
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	17	0.6
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	17	0.6

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	17	0.6
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	2	0.6
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	2	0.6
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	2	0.6
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	2	0.6
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	2	0.6
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	2	0.6
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	2	0.6
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	2	0.6
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	2	0.6
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	1	0.6
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	1	0.6
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	1	0.6
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	1	0.6
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	1	0.6
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	1	0.6
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	1	0.6
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	1	0.6
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	1	0.6
(1,1560)	1:108:A:ARG:HG2	1:109:A:ILE:H	1	0.6
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	17	0.6
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	17	0.6
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	17	0.6
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	2	0.6
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	1	0.6
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	4	0.6
(1,793)	1:170:A:VAL:HG11	1:171:A:LYS:H	19	0.6
(1,793)	1:170:A:VAL:HG12	1:171:A:LYS:H	19	0.6
(1,793)	1:170:A:VAL:HG13	1:171:A:LYS:H	19	0.6
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	11	0.6
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	2	0.6
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	2	0.6
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	2	0.6
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	9	0.6
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	9	0.6
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	8	0.6
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	9	0.6
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	14	0.59
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	14	0.59
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	14	0.59
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	16	0.59
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	16	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	16	0.59
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG11	19	0.59
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG12	19	0.59
(1,2301)	1:117:A:PHE:HD1	1:169:A:VAL:HG13	19	0.59
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG11	19	0.59
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG12	19	0.59
(1,2301)	1:117:A:PHE:HD2	1:169:A:VAL:HG13	19	0.59
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	2	0.59
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	2	0.59
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	2	0.59
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	7	0.59
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	7	0.59
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	7	0.59
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	9	0.59
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	9	0.59
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG21	10	0.59
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG22	10	0.59
(1,2259)	1:116:A:SER:HA	1:128:A:VAL:HG23	10	0.59
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	1	0.59
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	1	0.59
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	1	0.59
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	7	0.59
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	7	0.59
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	7	0.59
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	13	0.59
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	13	0.59
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	13	0.59
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	13	0.59
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	13	0.59
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	13	0.59
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	13	0.59
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	13	0.59
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	13	0.59
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	6	0.59
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	6	0.59
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	6	0.59
(1,1423)	1:28:A:LEU:HD21	1:92:A:TRP:HE1	15	0.59
(1,1423)	1:28:A:LEU:HD22	1:92:A:TRP:HE1	15	0.59
(1,1423)	1:28:A:LEU:HD23	1:92:A:TRP:HE1	15	0.59
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	13	0.59
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	4	0.59
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	11	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	11	0.59
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	11	0.59
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	20	0.59
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	20	0.59
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	20	0.59
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	2	0.59
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	2	0.59
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	2	0.59
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	7	0.59
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	7	0.59
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	7	0.59
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	16	0.59
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	16	0.59
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	16	0.59
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	18	0.59
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	18	0.59
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	18	0.59
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	18	0.59
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	18	0.59
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	18	0.59
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	18	0.59
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	18	0.59
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	18	0.59
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	11	0.59
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	11	0.59
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	11	0.59
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	19	0.59
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	19	0.59
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	16	0.59
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	16	0.59
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	16	0.59
(1,271)	1:84:A:VAL:HG21	1:85:A:ILE:HG13	13	0.59
(1,271)	1:84:A:VAL:HG22	1:85:A:ILE:HG13	13	0.59
(1,271)	1:84:A:VAL:HG23	1:85:A:ILE:HG13	13	0.59
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	12	0.59
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	12	0.59
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	12	0.59
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	15	0.59
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	15	0.59
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	15	0.59
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD11	15	0.59
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD12	15	0.59

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,25)	1:28:A:LEU:HD21	1:41:A:ILE:HD13	15	0.59
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD11	15	0.59
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD12	15	0.59
(1,25)	1:28:A:LEU:HD22	1:41:A:ILE:HD13	15	0.59
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD11	15	0.59
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD12	15	0.59
(1,25)	1:28:A:LEU:HD23	1:41:A:ILE:HD13	15	0.59
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	18	0.58
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	5	0.58
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	5	0.58
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	5	0.58
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	12	0.58
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	12	0.58
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	12	0.58
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	12	0.58
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	12	0.58
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	12	0.58
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	4	0.58
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	4	0.58
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	4	0.58
(1,2355)	1:74:A:MET:HB3	1:75:A:ASP:HB3	13	0.58
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	8	0.58
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	8	0.58
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	8	0.58
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	11	0.58
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	11	0.58
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	11	0.58
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	18	0.58
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	18	0.58
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	18	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	18	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	18	0.58
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	18	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	18	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	18	0.58
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	18	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	1	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	1	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	1	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	3	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	3	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	3	0.58

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	9	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	9	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	9	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	10	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	10	0.58
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	10	0.58
(1,1475)	1:83:A:GLN:HB2	1:87:A:ASN:HD22	11	0.58
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	20	0.58
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	20	0.58
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	20	0.58
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	20	0.58
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	10	0.58
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	18	0.58
(1,381)	1:84:A:VAL:H	1:85:A:ILE:HG12	15	0.58
(1,369)	1:103:A:GLU:HB3	1:105:A:GLN:H	14	0.58
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	2	0.58
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	2	0.58
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	2	0.58
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	2	0.58
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	2	0.58
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	2	0.58
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	2	0.58
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	2	0.58
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	2	0.58
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	4	0.58
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	4	0.58
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	4	0.58
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	4	0.58
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	1	0.57
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	6	0.57
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	6	0.57
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	6	0.57
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	1	0.57
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	15	0.57
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	15	0.57
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	15	0.57
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	15	0.57
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	15	0.57
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	15	0.57
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	20	0.57
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	20	0.57
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	20	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	14	0.57
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	14	0.57
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	14	0.57
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	9	0.57
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	9	0.57
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	9	0.57
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	3	0.57
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	3	0.57
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	4	0.57
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	4	0.57
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	4	0.57
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	10	0.57
(1,1863)	1:120:A:ASN:HB2	1:167:A:ILE:HA	10	0.57
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	5	0.57
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	5	0.57
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	5	0.57
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	4	0.57
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	2	0.57
(1,1046)	1:77:A:SER:H	1:78:A:GLY:HA3	14	0.57
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	9	0.57
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	4	0.57
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	4	0.57
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	4	0.57
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	9	0.57
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	16	0.57
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	12	0.57
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	12	0.57
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	12	0.57
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	11	0.57
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG3	10	0.57
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG3	10	0.57
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG3	10	0.57
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG2	10	0.57
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG2	10	0.57
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG2	10	0.57
(1,271)	1:84:A:VAL:HG21	1:85:A:ILE:HG13	20	0.57
(1,271)	1:84:A:VAL:HG22	1:85:A:ILE:HG13	20	0.57
(1,271)	1:84:A:VAL:HG23	1:85:A:ILE:HG13	20	0.57
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	7	0.57
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	7	0.57
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	7	0.57
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	7	0.57

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	7	0.57
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	7	0.57
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	7	0.57
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	7	0.57
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	7	0.57
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	19	0.57
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	1	0.57
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	1	0.57
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	1	0.57
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	2	0.56
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	2	0.56
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	7	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	8	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	8	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	8	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	16	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	16	0.56
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	16	0.56
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	10	0.56
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	4	0.56
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	2	0.56
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	2	0.56
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	15	0.56
(1,1985)	1:24:A:LEU:HD11	1:33:A:PHE:HE2	18	0.56
(1,1920)	1:142:A:LEU:HB3	1:143:A:THR:HB	10	0.56
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	11	0.56
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	11	0.56
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	11	0.56
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	11	0.56
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	11	0.56
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	11	0.56
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	11	0.56
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	11	0.56
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	11	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	8	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	8	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	8	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	13	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	13	0.56
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	13	0.56
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	15	0.56
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	6	0.56

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	19	0.56
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	8	0.56
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	18	0.56
(1,793)	1:170:A:VAL:HG11	1:171:A:LYS:H	7	0.56
(1,793)	1:170:A:VAL:HG12	1:171:A:LYS:H	7	0.56
(1,793)	1:170:A:VAL:HG13	1:171:A:LYS:H	7	0.56
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	12	0.56
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	12	0.56
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	12	0.56
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	17	0.56
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	17	0.56
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	17	0.56
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG3	18	0.56
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG3	18	0.56
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG3	18	0.56
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG2	18	0.56
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG2	18	0.56
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG2	18	0.56
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	1	0.56
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	17	0.56
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	17	0.56
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	17	0.56
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	17	0.55
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	20	0.55
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	20	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	3	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	3	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	3	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	11	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	11	0.55
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	11	0.55
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	12	0.55
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	12	0.55
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	12	0.55
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	16	0.55
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	16	0.55
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	16	0.55
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG3	14	0.55
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG3	14	0.55
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG3	14	0.55
(1,2437)	1:96:A:LEU:HD21	1:171:A:LYS:HG2	14	0.55
(1,2437)	1:96:A:LEU:HD22	1:171:A:LYS:HG2	14	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2437)	1:96:A:LEU:HD23	1:171:A:LYS:HG2	14	0.55
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	1	0.55
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	1	0.55
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	1	0.55
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	11	0.55
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	11	0.55
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	11	0.55
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	8	0.55
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	8	0.55
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	8	0.55
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	18	0.55
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	18	0.55
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	18	0.55
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	18	0.55
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	18	0.55
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	18	0.55
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	18	0.55
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	18	0.55
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	18	0.55
(1,1671)	1:142:A:LEU:HB3	1:144:A:GLY:H	17	0.55
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	5	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	2	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	2	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	2	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	12	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	12	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	12	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	15	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	15	0.55
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	15	0.55
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	3	0.55
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	14	0.55
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	3	0.55
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	7	0.55
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	17	0.55
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	4	0.55
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	7	0.55
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	7	0.55
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	7	0.55
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	8	0.55
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	4	0.55
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	4	0.55

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	4	0.55
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	8	0.55
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	8	0.55
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	8	0.55
(1,461)	1:160:A:LEU:HB3	1:166:A:SER:H	2	0.55
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	3	0.55
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	3	0.55
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	3	0.55
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	3	0.55
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	3	0.55
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	3	0.55
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	10	0.55
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	10	0.55
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	10	0.55
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	18	0.55
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	18	0.55
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	18	0.55
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	8	0.54
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	8	0.54
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	8	0.54
(2,59)	1:107:A:LEU:HD11	1:108:A:ARG:HA	8	0.54
(2,59)	1:107:A:LEU:HD12	1:108:A:ARG:HA	8	0.54
(2,59)	1:107:A:LEU:HD13	1:108:A:ARG:HA	8	0.54
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	9	0.54
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	2	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	2	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	2	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	2	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	15	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	15	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	15	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	18	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	18	0.54
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	18	0.54
(1,2307)	1:18:A:LEU:HD21	1:35:A:PRO:HG2	5	0.54
(1,2307)	1:18:A:LEU:HD22	1:35:A:PRO:HG2	5	0.54
(1,2307)	1:18:A:LEU:HD23	1:35:A:PRO:HG2	5	0.54
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	10	0.54
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	10	0.54
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	10	0.54
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	5	0.54
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	5	0.54

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	5	0.54
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	5	0.54
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	5	0.54
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	5	0.54
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	5	0.54
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	5	0.54
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	5	0.54
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	1	0.54
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	1	0.54
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	1	0.54
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	1	0.54
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	1	0.54
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	1	0.54
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	1	0.54
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	1	0.54
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	1	0.54
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	11	0.54
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	5	0.54
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	8	0.54
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	15	0.54
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	19	0.54
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	12	0.54
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	12	0.54
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	12	0.54
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	10	0.54
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	10	0.54
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	10	0.54
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	14	0.54
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	14	0.54
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	14	0.54
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	10	0.54
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	7	0.53
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	7	0.53
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	7	0.53
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	19	0.53
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	19	0.53
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	19	0.53
(1,2591)	1:153:A:LEU:HD21	1:156:A:PHE:HD1	9	0.53
(1,2591)	1:153:A:LEU:HD21	1:156:A:PHE:HD2	9	0.53
(1,2591)	1:153:A:LEU:HD22	1:156:A:PHE:HD1	9	0.53
(1,2591)	1:153:A:LEU:HD22	1:156:A:PHE:HD2	9	0.53
(1,2591)	1:153:A:LEU:HD23	1:156:A:PHE:HD1	9	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2591)	1:153:A:LEU:HD23	1:156:A:PHE:HD2	9	0.53
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	14	0.53
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	14	0.53
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	14	0.53
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	14	0.53
(1,2448)	1:95:A:GLU:HG2	1:171:A:LYS:HE2	11	0.53
(1,2448)	1:95:A:GLU:HG3	1:171:A:LYS:HE2	11	0.53
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	14	0.53
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	14	0.53
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	14	0.53
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	14	0.53
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	14	0.53
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	14	0.53
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	19	0.53
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	19	0.53
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	19	0.53
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	3	0.53
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	3	0.53
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	3	0.53
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	3	0.53
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	3	0.53
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	3	0.53
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	3	0.53
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	3	0.53
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	3	0.53
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	17	0.53
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	17	0.53
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	17	0.53
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	17	0.53
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	17	0.53
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	17	0.53
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	17	0.53
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	17	0.53
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	17	0.53
(1,1789)	1:153:A:LEU:HD21	1:156:A:PHE:HB3	9	0.53
(1,1789)	1:153:A:LEU:HD22	1:156:A:PHE:HB3	9	0.53
(1,1789)	1:153:A:LEU:HD23	1:156:A:PHE:HB3	9	0.53
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	19	0.53
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD11	11	0.53
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD12	11	0.53
(1,1550)	1:98:A:LEU:H	1:98:A:LEU:HD13	11	0.53
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	8	0.53

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	14	0.53
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	14	0.53
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	14	0.53
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	10	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	4	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	4	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	4	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	4	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	4	0.53
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	4	0.53
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	1	0.53
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	1	0.53
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	1	0.53
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD11	11	0.53
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD12	11	0.53
(1,538)	1:160:A:LEU:HB2	1:167:A:ILE:HD13	11	0.53
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	3	0.53
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	3	0.53
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	3	0.53
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	9	0.53
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	4	0.53
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	4	0.53
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	8	0.53
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	8	0.53
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	16	0.53
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	16	0.53
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	8	0.53
(2,67)	1:83:A:GLN:HB2	1:87:A:ASN:HB3	15	0.52
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	6	0.52
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	6	0.52
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	6	0.52
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	9	0.52
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	9	0.52
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	9	0.52
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	16	0.52
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	16	0.52
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	16	0.52
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	14	0.52
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	14	0.52
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	14	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG11	13	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG12	13	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG13	13	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG11	20	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG12	20	0.52
(1,2156)	1:41:A:ILE:HB	1:84:A:VAL:HG13	20	0.52
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	18	0.52
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	18	0.52
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	18	0.52
(1,1447)	1:45:A:LEU:HD11	1:87:A:ASN:HD21	9	0.52
(1,1447)	1:45:A:LEU:HD12	1:87:A:ASN:HD21	9	0.52
(1,1447)	1:45:A:LEU:HD13	1:87:A:ASN:HD21	9	0.52
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	1	0.52
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	4	0.52
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	15	0.52
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	15	0.52
(1,723)	1:36:A:VAL:HB	1:37:A:GLU:HG2	6	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	16	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	16	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	16	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	16	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	16	0.52
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	16	0.52
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	14	0.52
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	14	0.52
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	14	0.52
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	8	0.52
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	8	0.52
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	8	0.52
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	17	0.52
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	13	0.52
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	13	0.52
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	19	0.52
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	19	0.52
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	19	0.52
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	19	0.52
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	19	0.52
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	19	0.52
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	19	0.52
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	19	0.52
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	19	0.52
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	4	0.52
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	4	0.52
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	4	0.52

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	2	0.52
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	2	0.52
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	2	0.52
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD21	10	0.52
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD22	10	0.52
(1,5)	1:111:A:PRO:HG3	1:153:A:LEU:HD23	10	0.52
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	1	0.51
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	1	0.51
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	1	0.51
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	15	0.51
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	15	0.51
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	4	0.51
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	4	0.51
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	4	0.51
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	16	0.51
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	16	0.51
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	16	0.51
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	7	0.51
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	7	0.51
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	7	0.51
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	4	0.51
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	11	0.51
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	11	0.51
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	11	0.51
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	11	0.51
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	11	0.51
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	11	0.51
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	11	0.51
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	2	0.51
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	2	0.51
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	2	0.51
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	13	0.51
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	13	0.51
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	13	0.51
(1,2228)	1:28:A:LEU:HD11	1:175:A:PRO:HD3	11	0.51
(1,2228)	1:28:A:LEU:HD12	1:175:A:PRO:HD3	11	0.51
(1,2228)	1:28:A:LEU:HD13	1:175:A:PRO:HD3	11	0.51
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	2	0.51
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	2	0.51
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	2	0.51
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	2	0.51
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	2	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	2	0.51
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	2	0.51
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	2	0.51
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	2	0.51
(1,2086)	1:9:A:ILE:HA	1:10:A:PHE:HD1	6	0.51
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	10	0.51
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	10	0.51
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	10	0.51
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	10	0.51
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	10	0.51
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	10	0.51
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	10	0.51
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	10	0.51
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	10	0.51
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	11	0.51
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	11	0.51
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	11	0.51
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	15	0.51
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	5	0.51
(1,815)	1:121:A:TYR:H	1:124:A:HIS:HB2	8	0.51
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	17	0.51
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	17	0.51
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	17	0.51
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	14	0.51
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	15	0.51
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	15	0.51
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	15	0.51
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	15	0.51
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	19	0.51
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	17	0.51
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	17	0.51
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	17	0.51
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	19	0.51
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	19	0.51
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	19	0.51
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	16	0.51
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	16	0.51
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	16	0.51
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	3	0.51
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	3	0.51
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	3	0.51
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	3	0.51

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	3	0.51
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	3	0.51
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	3	0.51
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	3	0.51
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	3	0.51
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	6	0.51
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	6	0.51
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	6	0.51
(2,11)	1:45:A:LEU:HD21	1:88:A:ALA:H	9	0.5
(2,11)	1:45:A:LEU:HD22	1:88:A:ALA:H	9	0.5
(2,11)	1:45:A:LEU:HD23	1:88:A:ALA:H	9	0.5
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	10	0.5
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	10	0.5
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	10	0.5
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	14	0.5
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	14	0.5
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	14	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	7	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	7	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	7	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	19	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	19	0.5
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	19	0.5
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	13	0.5
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	13	0.5
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	18	0.5
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	18	0.5
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	18	0.5
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	18	0.5
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	18	0.5
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	18	0.5
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	18	0.5
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	9	0.5
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	14	0.5
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	14	0.5
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	14	0.5
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	11	0.5
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	5	0.5
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	10	0.5
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	20	0.5
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	20	0.5
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	20	0.5

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	20	0.5
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	20	0.5
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	20	0.5
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	12	0.5
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	12	0.5
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	12	0.5
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	12	0.5
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	12	0.5
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	12	0.5
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	12	0.5
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	12	0.5
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	12	0.5
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	14	0.5
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	6	0.5
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	11	0.5
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	7	0.5
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	14	0.5
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	14	0.5
(1,61)	1:112:A:ILE:H	1:153:A:LEU:HD11	9	0.5
(1,61)	1:112:A:ILE:H	1:153:A:LEU:HD12	9	0.5
(1,61)	1:112:A:ILE:H	1:153:A:LEU:HD13	9	0.5
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	3	0.49
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	3	0.49
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	3	0.49
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	17	0.49
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	17	0.49
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	17	0.49
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	10	0.49
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	10	0.49
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	10	0.49
(1,2484)	1:36:A:VAL:HG21	1:37:A:GLU:HG3	13	0.49
(1,2484)	1:36:A:VAL:HG22	1:37:A:GLU:HG3	13	0.49
(1,2484)	1:36:A:VAL:HG23	1:37:A:GLU:HG3	13	0.49
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	14	0.49
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	14	0.49
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	14	0.49
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	14	0.49
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	14	0.49
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	14	0.49
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	14	0.49
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	14	0.49
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	14	0.49

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	14	0.49
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	14	0.49
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	14	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG11	13	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG12	13	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG13	13	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG11	20	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG12	20	0.49
(1,1994)	1:42:A:ALA:HA	1:84:A:VAL:HG13	20	0.49
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	6	0.49
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	6	0.49
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	6	0.49
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	6	0.49
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	6	0.49
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	6	0.49
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	6	0.49
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	6	0.49
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	6	0.49
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	4	0.49
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	7	0.49
(1,1081)	1:186:A:ILE:H	1:186:A:ILE:HG12	19	0.49
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	6	0.49
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	8	0.49
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	12	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	11	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	11	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	11	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	11	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	11	0.49
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	11	0.49
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	4	0.49
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	4	0.49
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	4	0.49
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	4	0.49
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	2	0.49
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	2	0.49
(1,246)	1:109:A:ILE:HG13	1:113:A:ASN:HD22	3	0.49
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	6	0.49
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	6	0.49
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	7	0.49
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	18	0.49
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	2	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	2	0.48
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	2	0.48
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	14	0.48
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	14	0.48
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	14	0.48
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	11	0.48
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	8	0.48
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	11	0.48
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	16	0.48
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	16	0.48
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	16	0.48
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	16	0.48
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	16	0.48
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	16	0.48
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	2	0.48
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	2	0.48
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	2	0.48
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	2	0.48
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	2	0.48
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	2	0.48
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	9	0.48
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	9	0.48
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	9	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	9	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	9	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	9	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	16	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	16	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	16	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	17	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	17	0.48
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	17	0.48
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	2	0.48
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	2	0.48
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	2	0.48
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD23	1	0.48
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	6	0.48
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	6	0.48
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	6	0.48
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	12	0.48
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	2	0.48
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	4	0.48

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	20	0.48
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	3	0.48
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	12	0.48
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	5	0.48
(1,717)	1:122:A:LYS:HB2	1:122:A:LYS:HD3	15	0.48
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	15	0.48
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	15	0.48
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	15	0.48
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	9	0.48
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	15	0.48
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	15	0.48
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	15	0.48
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	15	0.48
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	15	0.48
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	15	0.48
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	15	0.48
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	15	0.48
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	15	0.48
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	4	0.48
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	4	0.48
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	4	0.48
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	4	0.48
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	4	0.48
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	4	0.48
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	4	0.48
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	4	0.48
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	4	0.48
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	6	0.48
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	6	0.48
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	6	0.48
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	10	0.48
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	10	0.48
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	10	0.48
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	6	0.48
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	17	0.48
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	1	0.48
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	7	0.48
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	9	0.48
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	11	0.48
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	13	0.48
(2,93)	1:85:A:ILE:HD11	1:125:A:TRP:HD1	17	0.47
(2,93)	1:85:A:ILE:HD12	1:125:A:TRP:HD1	17	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,93)	1:85:A:ILE:HD13	1:125:A:TRP:HD1	17	0.47
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	10	0.47
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	10	0.47
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	10	0.47
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	3	0.47
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	3	0.47
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	3	0.47
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	3	0.47
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	3	0.47
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	3	0.47
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	8	0.47
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	8	0.47
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	8	0.47
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	6	0.47
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	6	0.47
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	6	0.47
(1,2086)	1:9:A:ILE:HA	1:10:A:PHE:HD2	17	0.47
(1,1984)	1:24:A:LEU:HD11	1:27:A:LEU:HB3	15	0.47
(1,1984)	1:24:A:LEU:HD12	1:27:A:LEU:HB3	15	0.47
(1,1984)	1:24:A:LEU:HD13	1:27:A:LEU:HB3	15	0.47
(1,1955)	1:132:A:GLY:HA3	1:183:A:LEU:HD11	13	0.47
(1,1955)	1:132:A:GLY:HA3	1:183:A:LEU:HD12	13	0.47
(1,1955)	1:132:A:GLY:HA3	1:183:A:LEU:HD13	13	0.47
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	2	0.47
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	16	0.47
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	3	0.47
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	3	0.47
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	3	0.47
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	15	0.47
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	15	0.47
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	15	0.47
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	14	0.47
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	14	0.47
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	14	0.47
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	1	0.47
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	20	0.47
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	18	0.47
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	7	0.47
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	7	0.47
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	7	0.47
(1,476)	1:108:A:ARG:H	1:108:A:ARG:HG3	1	0.47
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	11	0.47

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	16	0.47
(1,325)	1:24:A:LEU:HD21	1:85:A:ILE:H	15	0.47
(1,325)	1:24:A:LEU:HD22	1:85:A:ILE:H	15	0.47
(1,325)	1:24:A:LEU:HD23	1:85:A:ILE:H	15	0.47
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	3	0.47
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	3	0.47
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	5	0.47
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	2	0.47
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	4	0.47
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	8	0.47
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	19	0.47
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	8	0.46
(1,2448)	1:95:A:GLU:HG2	1:171:A:LYS:HE2	1	0.46
(1,2448)	1:95:A:GLU:HG3	1:171:A:LYS:HE2	1	0.46
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	14	0.46
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	14	0.46
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	14	0.46
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	20	0.46
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	20	0.46
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	20	0.46
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	16	0.46
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	16	0.46
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	16	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	16	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	16	0.46
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	16	0.46
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	16	0.46
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	16	0.46
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	16	0.46
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	16	0.46
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	16	0.46
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	16	0.46
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	16	0.46
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	16	0.46
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	16	0.46
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	16	0.46
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	16	0.46
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	16	0.46
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	14	0.46
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	14	0.46
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	14	0.46
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	14	0.46

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	17	0.46
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	20	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	18	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	18	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	18	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	18	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	18	0.46
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	18	0.46
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	7	0.46
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	6	0.46
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	6	0.46
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	6	0.46
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	2	0.46
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	2	0.46
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	2	0.46
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	14	0.46
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	14	0.46
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	14	0.46
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	20	0.46
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	7	0.46
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	7	0.46
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	7	0.46
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	8	0.46
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	8	0.46
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	8	0.46
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	3	0.46
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	5	0.46
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	6	0.46
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	16	0.46
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	20	0.46
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	20	0.46
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	20	0.46
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	2	0.45
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	2	0.45
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	2	0.45
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	3	0.45
(1,2445)	1:169:A:VAL:HG21	1:171:A:LYS:HE2	1	0.45
(1,2445)	1:169:A:VAL:HG22	1:171:A:LYS:HE2	1	0.45
(1,2445)	1:169:A:VAL:HG23	1:171:A:LYS:HE2	1	0.45
(1,2379)	1:28:A:LEU:HD21	1:92:A:TRP:HZ2	15	0.45
(1,2379)	1:28:A:LEU:HD22	1:92:A:TRP:HZ2	15	0.45
(1,2379)	1:28:A:LEU:HD23	1:92:A:TRP:HZ2	15	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	6	0.45
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	6	0.45
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	6	0.45
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	15	0.45
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	15	0.45
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	15	0.45
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	15	0.45
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	15	0.45
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	15	0.45
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	10	0.45
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	10	0.45
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	10	0.45
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	13	0.45
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	13	0.45
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	13	0.45
(1,2022)	1:116:A:SER:HA	1:170:A:VAL:HG21	7	0.45
(1,2022)	1:116:A:SER:HA	1:170:A:VAL:HG22	7	0.45
(1,2022)	1:116:A:SER:HA	1:170:A:VAL:HG23	7	0.45
(1,1966)	1:91:A:VAL:HG21	1:92:A:TRP:HA	5	0.45
(1,1966)	1:91:A:VAL:HG22	1:92:A:TRP:HA	5	0.45
(1,1966)	1:91:A:VAL:HG23	1:92:A:TRP:HA	5	0.45
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	7	0.45
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	11	0.45
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	11	0.45
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	11	0.45
(1,1460)	1:100:A:ASN:HA	1:105:A:GLN:HE22	16	0.45
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	9	0.45
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	14	0.45
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	7	0.45
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	7	0.45
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	7	0.45
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	5	0.45
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	7	0.45
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	10	0.45
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	2	0.45
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	2	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	19	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	19	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	19	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	19	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	19	0.45
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	19	0.45

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	5	0.45
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	5	0.45
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	5	0.45
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	18	0.45
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	18	0.45
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	18	0.45
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	8	0.45
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	8	0.45
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	8	0.45
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	18	0.45
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	18	0.45
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	18	0.45
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	19	0.45
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	19	0.45
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	19	0.45
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	19	0.45
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	19	0.45
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	19	0.45
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	6	0.45
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	16	0.45
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	2	0.45
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	12	0.45
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	12	0.45
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	12	0.45
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	20	0.45
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	20	0.45
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	20	0.45
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	14	0.45
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	15	0.45
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	5	0.45
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	5	0.45
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	5	0.45
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	12	0.44
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	12	0.44
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	12	0.44
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	10	0.44
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	10	0.44
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	10	0.44
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	9	0.44
(1,2413)	1:11:A:HIS:HE1	1:31:A:GLU:HG3	12	0.44
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	6	0.44
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	12	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	12	0.44
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	12	0.44
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	12	0.44
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	12	0.44
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	12	0.44
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	11	0.44
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	11	0.44
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	11	0.44
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	2	0.44
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	2	0.44
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	2	0.44
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	5	0.44
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	5	0.44
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	5	0.44
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	8	0.44
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	12	0.44
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	12	0.44
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	12	0.44
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	12	0.44
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	12	0.44
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	12	0.44
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	12	0.44
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	12	0.44
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	12	0.44
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	12	0.44
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	12	0.44
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	12	0.44
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	12	0.44
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	12	0.44
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	12	0.44
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	12	0.44
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	12	0.44
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	12	0.44
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	13	0.44
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	13	0.44
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	3	0.44
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	3	0.44
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	3	0.44
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	5	0.44
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	7	0.44
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	16	0.44
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	5	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	13	0.44
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	13	0.44
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	13	0.44
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	7	0.44
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	7	0.44
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	7	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	1	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	5	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	5	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	5	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	5	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	5	0.44
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	5	0.44
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	5	0.44
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	13	0.44
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	15	0.44
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	18	0.44
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	5	0.44
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	5	0.44
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	5	0.44
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	15	0.44
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	15	0.44
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	15	0.44
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	14	0.44
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	14	0.44
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	14	0.44
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	14	0.44
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	14	0.44
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	14	0.44
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	14	0.44
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	14	0.44
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	14	0.44
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	10	0.44
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	10	0.44
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	10	0.44
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	17	0.44
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	20	0.44

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	14	0.44
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	14	0.44
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	14	0.44
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	5	0.43
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	5	0.43
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	5	0.43
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	9	0.43
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	9	0.43
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	9	0.43
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	16	0.43
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	16	0.43
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	16	0.43
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	18	0.43
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	18	0.43
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	18	0.43
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE2	6	0.43
(1,2230)	1:28:A:LEU:HD11	1:33:A:PHE:HE2	12	0.43
(1,2230)	1:28:A:LEU:HD12	1:33:A:PHE:HE2	18	0.43
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	20	0.43
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	20	0.43
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	20	0.43
(1,2119)	1:18:A:LEU:HB2	1:78:A:GLY:HA3	15	0.43
(1,2119)	1:18:A:LEU:HB3	1:78:A:GLY:HA3	15	0.43
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	14	0.43
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	15	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	2	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	2	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	2	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	2	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	2	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	2	0.43
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	2	0.43
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	2	0.43
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	2	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	16	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	16	0.43
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	16	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	16	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	16	0.43
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	16	0.43
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	16	0.43
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	16	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	16	0.43
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	13	0.43
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	13	0.43
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	13	0.43
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	13	0.43
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	13	0.43
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	13	0.43
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	13	0.43
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	13	0.43
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	13	0.43
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	18	0.43
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	18	0.43
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	18	0.43
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD11	20	0.43
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD12	20	0.43
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD13	20	0.43
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD11	20	0.43
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD12	20	0.43
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD13	20	0.43
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD11	20	0.43
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD12	20	0.43
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD13	20	0.43
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	2	0.43
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	18	0.43
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	6	0.43
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	16	0.43
(1,723)	1:36:A:VAL:HB	1:37:A:GLU:HG2	13	0.43
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	3	0.43
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	9	0.43
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	9	0.43
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	9	0.43
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	9	0.43
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	2	0.43
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	16	0.43
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	3	0.43
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	3	0.43
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	3	0.43
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	1	0.43
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	15	0.43
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	15	0.43
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	15	0.43
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	15	0.43

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	15	0.43
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	15	0.43
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	15	0.43
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	15	0.43
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	15	0.43
(1,272)	1:24:A:LEU:HD11	1:85:A:ILE:H	17	0.43
(1,272)	1:24:A:LEU:HD12	1:85:A:ILE:H	17	0.43
(1,272)	1:24:A:LEU:HD13	1:85:A:ILE:H	17	0.43
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	10	0.43
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	10	0.43
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	10	0.43
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	10	0.43
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	10	0.43
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	10	0.43
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	10	0.43
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	10	0.43
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	10	0.43
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	11	0.43
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	12	0.43
(1,181)	1:75:A:ASP:HB3	1:76:A:ASP:H	3	0.43
(1,128)	1:142:A:LEU:HB3	1:143:A:THR:H	12	0.43
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	12	0.43
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	12	0.43
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	12	0.43
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	6	0.42
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	6	0.42
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	6	0.42
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	2	0.42
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	2	0.42
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	2	0.42
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	2	0.42
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	2	0.42
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	2	0.42
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD11	7	0.42
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD12	7	0.42
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD13	7	0.42
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	4	0.42
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	4	0.42
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	4	0.42
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	16	0.42
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	16	0.42
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	16	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	1	0.42
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	5	0.42
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD11	18	0.42
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD12	18	0.42
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD13	18	0.42
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	3	0.42
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	3	0.42
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	3	0.42
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG21	20	0.42
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG22	20	0.42
(1,2045)	1:38:A:LEU:HB2	1:41:A:ILE:HG23	20	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD21	14	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD22	14	0.42
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD23	14	0.42
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	17	0.42
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	17	0.42
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	17	0.42
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	6	0.42
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	6	0.42
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	6	0.42
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	6	0.42
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	6	0.42
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	6	0.42
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	6	0.42
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	6	0.42
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	6	0.42
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	7	0.42
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	7	0.42
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	7	0.42
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	7	0.42
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	7	0.42
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	7	0.42
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	7	0.42
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	7	0.42
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	7	0.42
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	2	0.42
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	2	0.42
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	3	0.42
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	3	0.42
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD11	13	0.42
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD12	13	0.42
(1,1694)	1:84:A:VAL:HG21	1:85:A:ILE:HD13	13	0.42

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD11	13	0.42
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD12	13	0.42
(1,1694)	1:84:A:VAL:HG22	1:85:A:ILE:HD13	13	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD11	13	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD12	13	0.42
(1,1694)	1:84:A:VAL:HG23	1:85:A:ILE:HD13	13	0.42
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	4	0.42
(1,1496)	1:58:A:VAL:HG11	1:59:A:THR:H	18	0.42
(1,1496)	1:58:A:VAL:HG12	1:59:A:THR:H	18	0.42
(1,1496)	1:58:A:VAL:HG13	1:59:A:THR:H	18	0.42
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	2	0.42
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	17	0.42
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	17	0.42
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	17	0.42
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	1	0.42
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	1	0.42
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	1	0.42
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	8	0.42
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	8	0.42
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	8	0.42
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	15	0.42
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	15	0.42
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	15	0.42
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	10	0.42
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	17	0.42
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	17	0.42
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	17	0.42
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	14	0.42
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	14	0.42
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	14	0.42
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	13	0.42
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	17	0.42
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	15	0.42
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	4	0.42
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG3	4	0.42
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG3	4	0.42
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG3	4	0.42
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG2	4	0.42
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG2	4	0.42
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG2	4	0.42
(1,251)	1:109:A:ILE:HG13	1:110:A:ASP:H	12	0.42
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	11	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	11	0.41
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	11	0.41
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	10	0.41
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	10	0.41
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	10	0.41
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	2	0.41
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	11	0.41
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	11	0.41
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	11	0.41
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	11	0.41
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	2	0.41
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	16	0.41
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	16	0.41
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	16	0.41
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	16	0.41
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	16	0.41
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	16	0.41
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	3	0.41
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	3	0.41
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	3	0.41
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	3	0.41
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	3	0.41
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	3	0.41
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD11	20	0.41
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD12	20	0.41
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD13	20	0.41
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	16	0.41
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	16	0.41
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	6	0.41
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	6	0.41
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	6	0.41
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD21	13	0.41
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD22	13	0.41
(1,1904)	1:182:A:LEU:HA	1:182:A:LEU:HD23	13	0.41
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	11	0.41
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	18	0.41
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	18	0.41
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	18	0.41
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	18	0.41
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	18	0.41
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	18	0.41
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	18	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	18	0.41
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	18	0.41
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD11	2	0.41
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD12	2	0.41
(1,1797)	1:112:A:ILE:HG21	1:157:A:LEU:HD13	2	0.41
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD11	2	0.41
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD12	2	0.41
(1,1797)	1:112:A:ILE:HG22	1:157:A:LEU:HD13	2	0.41
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD11	2	0.41
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD12	2	0.41
(1,1797)	1:112:A:ILE:HG23	1:157:A:LEU:HD13	2	0.41
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	17	0.41
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	17	0.41
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	17	0.41
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	4	0.41
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	4	0.41
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	13	0.41
(1,1392)	1:189:A:GLN:H	1:190:A:GLN:HB2	16	0.41
(1,1382)	1:85:A:ILE:HG12	1:88:A:ALA:H	17	0.41
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	4	0.41
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	6	0.41
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	18	0.41
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	11	0.41
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	11	0.41
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	11	0.41
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	7	0.41
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	7	0.41
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	7	0.41
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	7	0.41
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	12	0.41
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	12	0.41
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	12	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	3	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	3	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	3	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	8	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	8	0.41
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	8	0.41
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	16	0.41
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	15	0.41
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	12	0.41
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	6	0.41

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	2	0.41
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	7	0.41
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	18	0.41
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	3	0.41
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	3	0.41
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	3	0.41
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	6	0.41
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	6	0.41
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	6	0.41
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	6	0.41
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	15	0.4
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	15	0.4
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	15	0.4
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	15	0.4
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	15	0.4
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	12	0.4
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	13	0.4
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	17	0.4
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	17	0.4
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	17	0.4
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	17	0.4
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	17	0.4
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	17	0.4
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	9	0.4
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	2	0.4
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	2	0.4
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	2	0.4
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	12	0.4
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	12	0.4
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	12	0.4
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	17	0.4
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB2	11	0.4
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB3	11	0.4
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB2	11	0.4
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB3	11	0.4
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB2	11	0.4
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB3	11	0.4
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	14	0.4
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	14	0.4
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	14	0.4
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	19	0.4
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	19	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	19	0.4
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	3	0.4
(1,1081)	1:186:A:ILE:H	1:186:A:ILE:HG12	12	0.4
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	15	0.4
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	3	0.4
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	13	0.4
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	13	0.4
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	13	0.4
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	13	0.4
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	13	0.4
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	13	0.4
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	7	0.4
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	7	0.4
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	7	0.4
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	9	0.4
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	9	0.4
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	9	0.4
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	15	0.4
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	15	0.4
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	15	0.4
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	5	0.4
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	5	0.4
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	5	0.4
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	5	0.4
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	5	0.4
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	5	0.4
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	5	0.4
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	5	0.4
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	5	0.4
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	18	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	1	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	3	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	5	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	6	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	9	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	10	0.4
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	19	0.4
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	15	0.4
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	15	0.4
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	15	0.4
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	18	0.4
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	18	0.4

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	18	0.4
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	18	0.4
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	18	0.4
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	18	0.4
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	18	0.4
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	18	0.4
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	18	0.4
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	13	0.4
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	14	0.4
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	16	0.4
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	16	0.4
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	16	0.4
(2,65)	1:82:A:ILE:HG21	1:85:A:ILE:HG13	4	0.39
(2,65)	1:82:A:ILE:HG22	1:85:A:ILE:HG13	4	0.39
(2,65)	1:82:A:ILE:HG23	1:85:A:ILE:HG13	4	0.39
(2,11)	1:45:A:LEU:HD21	1:88:A:ALA:H	16	0.39
(2,11)	1:45:A:LEU:HD22	1:88:A:ALA:H	16	0.39
(2,11)	1:45:A:LEU:HD23	1:88:A:ALA:H	16	0.39
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	8	0.39
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	8	0.39
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	8	0.39
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	15	0.39
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	15	0.39
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	15	0.39
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	19	0.39
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	17	0.39
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	17	0.39
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	17	0.39
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	17	0.39
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	17	0.39
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	17	0.39
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	13	0.39
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	13	0.39
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	13	0.39
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	11	0.39
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	11	0.39
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	11	0.39
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	20	0.39
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	1	0.39
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	6	0.39
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	18	0.39
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	9	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	9	0.39
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	3	0.39
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	3	0.39
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	3	0.39
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	15	0.39
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	13	0.39
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	13	0.39
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	13	0.39
(1,630)	1:30:A:GLY:HA2	1:32:A:TYR:HB2	15	0.39
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	6	0.39
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	4	0.39
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	13	0.39
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD11	1:38:A:LEU:HD13	9	0.39
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD12	1:38:A:LEU:HD13	9	0.39
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD13	1:38:A:LEU:HD13	9	0.39
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD21	1:38:A:LEU:HD13	9	0.39
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD22	1:38:A:LEU:HD13	9	0.39
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD11	9	0.39
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD12	9	0.39
(1,310)	1:18:A:LEU:HD23	1:38:A:LEU:HD13	9	0.39
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	5	0.39
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	5	0.39
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	5	0.39
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	5	0.39
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	5	0.39
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	5	0.39
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	5	0.39
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	5	0.39
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	5	0.39
(1,283)	1:41:A:ILE:HG21	1:85:A:ILE:HD11	17	0.39
(1,283)	1:41:A:ILE:HG21	1:85:A:ILE:HD12	17	0.39
(1,283)	1:41:A:ILE:HG21	1:85:A:ILE:HD13	17	0.39

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,283)	1:41:A:ILE:HG22	1:85:A:ILE:HD11	17	0.39
(1,283)	1:41:A:ILE:HG22	1:85:A:ILE:HD12	17	0.39
(1,283)	1:41:A:ILE:HG22	1:85:A:ILE:HD13	17	0.39
(1,283)	1:41:A:ILE:HG23	1:85:A:ILE:HD11	17	0.39
(1,283)	1:41:A:ILE:HG23	1:85:A:ILE:HD12	17	0.39
(1,283)	1:41:A:ILE:HG23	1:85:A:ILE:HD13	17	0.39
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	13	0.39
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	11	0.38
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	11	0.38
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	11	0.38
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD1	13	0.38
(1,2616)	1:74:A:MET:HB3	1:79:A:PHE:HD2	13	0.38
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	10	0.38
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	10	0.38
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	10	0.38
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	9	0.38
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	9	0.38
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	9	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD21	11	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD22	11	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD23	11	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD21	17	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD22	17	0.38
(1,2371)	1:158:A:ALA:HA	1:160:A:LEU:HD23	17	0.38
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	10	0.38
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	10	0.38
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	10	0.38
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	15	0.38
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	15	0.38
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	15	0.38
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	15	0.38
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	15	0.38
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	15	0.38
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	15	0.38
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	15	0.38
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	15	0.38
(1,2119)	1:18:A:LEU:HB2	1:78:A:GLY:HA3	12	0.38
(1,2119)	1:18:A:LEU:HB3	1:78:A:GLY:HA3	12	0.38
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	16	0.38
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	16	0.38
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	16	0.38
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	5	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	12	0.38
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	7	0.38
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	7	0.38
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	7	0.38
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	7	0.38
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	7	0.38
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	7	0.38
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	7	0.38
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	7	0.38
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	7	0.38
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	20	0.38
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	20	0.38
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	20	0.38
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	17	0.38
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	17	0.38
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	7	0.38
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	18	0.38
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	9	0.38
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	9	0.38
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	9	0.38
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	19	0.38
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	6	0.38
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	16	0.38
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	16	0.38
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	16	0.38
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	1	0.38
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	17	0.38
(1,723)	1:36:A:VAL:HB	1:37:A:GLU:HG2	14	0.38
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	14	0.38
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	14	0.38
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	14	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	7	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	7	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	7	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	10	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	10	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	10	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	14	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	14	0.38
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	14	0.38
(1,645)	1:8:A:SER:HB2	1:9:A:ILE:HG12	7	0.38
(1,645)	1:8:A:SER:HB3	1:9:A:ILE:HG12	7	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,591)	1:109:A:ILE:HG21	1:113:A:ASN:HB3	20	0.38
(1,591)	1:109:A:ILE:HG22	1:113:A:ASN:HB3	20	0.38
(1,591)	1:109:A:ILE:HG23	1:113:A:ASN:HB3	20	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	3	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	3	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	3	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	3	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	3	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	3	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	3	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	3	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	3	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	19	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	19	0.38
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	19	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	19	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	19	0.38
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	19	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	19	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	19	0.38
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	19	0.38
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	12	0.38
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	9	0.38
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	11	0.38
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	16	0.38
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	20	0.38
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	3	0.38
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	3	0.38
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG2	17	0.38
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG3	17	0.38
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG2	17	0.38
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG3	17	0.38
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG2	17	0.38
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG3	17	0.38
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	18	0.38
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	2	0.38
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	12	0.38
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	2	0.38
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	7	0.38
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	10	0.38
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	10	0.38
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	19	0.38

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	19	0.38
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	19	0.38
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	16	0.37
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	16	0.37
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	16	0.37
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE1	6	0.37
(1,2495)	1:131:A:LEU:HD21	1:136:A:PHE:HE2	6	0.37
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE1	6	0.37
(1,2495)	1:131:A:LEU:HD22	1:136:A:PHE:HE2	6	0.37
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE1	6	0.37
(1,2495)	1:131:A:LEU:HD23	1:136:A:PHE:HE2	6	0.37
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	17	0.37
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	17	0.37
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	17	0.37
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	4	0.37
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	4	0.37
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	4	0.37
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD21	3	0.37
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD22	3	0.37
(1,2456)	1:134:A:GLN:HB2	1:147:A:LEU:HD23	3	0.37
(1,2425)	1:115:A:ARG:HB2	1:116:A:SER:HB3	18	0.37
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	8	0.37
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	8	0.37
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	8	0.37
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	1	0.37
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	1	0.37
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	1	0.37
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	14	0.37
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	14	0.37
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	14	0.37
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB2	17	0.37
(1,1856)	1:160:A:LEU:HD11	1:165:A:TYR:HB3	17	0.37
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB2	17	0.37
(1,1856)	1:160:A:LEU:HD12	1:165:A:TYR:HB3	17	0.37
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB2	17	0.37
(1,1856)	1:160:A:LEU:HD13	1:165:A:TYR:HB3	17	0.37
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	2	0.37
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	2	0.37
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	2	0.37
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	13	0.37
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	13	0.37
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	13	0.37

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	20	0.37
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	6	0.37
(1,1046)	1:77:A:SER:H	1:78:A:GLY:HA3	5	0.37
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	16	0.37
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	7	0.37
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	7	0.37
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	7	0.37
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	18	0.37
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	20	0.37
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	20	0.37
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	20	0.37
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	11	0.37
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	14	0.37
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	12	0.37
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	12	0.37
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	12	0.37
(1,548)	1:179:A:ALA:HB1	1:183:A:LEU:HB3	13	0.37
(1,548)	1:179:A:ALA:HB2	1:183:A:LEU:HB3	13	0.37
(1,548)	1:179:A:ALA:HB3	1:183:A:LEU:HB3	13	0.37
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	17	0.37
(1,499)	1:45:A:LEU:HD11	1:87:A:ASN:HB3	9	0.37
(1,499)	1:45:A:LEU:HD12	1:87:A:ASN:HB3	9	0.37
(1,499)	1:45:A:LEU:HD13	1:87:A:ASN:HB3	9	0.37
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	8	0.37
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	19	0.37
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	7	0.37
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	9	0.37
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	14	0.37
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	11	0.37
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	17	0.37
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	17	0.37
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	17	0.37
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	4	0.36
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	4	0.36
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	4	0.36
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	4	0.36
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	4	0.36
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	4	0.36
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	15	0.36
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	15	0.36
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	15	0.36
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	6	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	13	0.36
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	20	0.36
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	19	0.36
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	19	0.36
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	19	0.36
(1,2463)	1:74:A:MET:HE1	1:80:A:PHE:HB2	18	0.36
(1,2463)	1:74:A:MET:HE2	1:80:A:PHE:HB2	18	0.36
(1,2463)	1:74:A:MET:HE3	1:80:A:PHE:HB2	18	0.36
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	7	0.36
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	7	0.36
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	7	0.36
(1,1985)	1:24:A:LEU:HD13	1:33:A:PHE:HE2	3	0.36
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	2	0.36
(1,1924)	1:148:A:ILE:HD11	1:153:A:LEU:HD21	9	0.36
(1,1924)	1:148:A:ILE:HD11	1:153:A:LEU:HD22	9	0.36
(1,1924)	1:148:A:ILE:HD11	1:153:A:LEU:HD23	9	0.36
(1,1924)	1:148:A:ILE:HD12	1:153:A:LEU:HD21	9	0.36
(1,1924)	1:148:A:ILE:HD12	1:153:A:LEU:HD22	9	0.36
(1,1924)	1:148:A:ILE:HD12	1:153:A:LEU:HD23	9	0.36
(1,1924)	1:148:A:ILE:HD13	1:153:A:LEU:HD21	9	0.36
(1,1924)	1:148:A:ILE:HD13	1:153:A:LEU:HD22	9	0.36
(1,1924)	1:148:A:ILE:HD13	1:153:A:LEU:HD23	9	0.36
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	5	0.36
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	5	0.36
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	5	0.36
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	17	0.36
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	17	0.36
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	17	0.36
(1,1740)	1:112:A:ILE:HA	1:153:A:LEU:HD11	9	0.36
(1,1740)	1:112:A:ILE:HA	1:153:A:LEU:HD12	9	0.36
(1,1740)	1:112:A:ILE:HA	1:153:A:LEU:HD13	9	0.36
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	11	0.36
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	11	0.36
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	14	0.36
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	4	0.36
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	12	0.36
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	12	0.36
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	12	0.36
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	6	0.36
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	18	0.36
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	20	0.36
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	8	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	8	0.36
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	8	0.36
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	12	0.36
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	12	0.36
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	12	0.36
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	18	0.36
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	13	0.36
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	13	0.36
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	19	0.36
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	19	0.36
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	19	0.36
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	13	0.36
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	13	0.36
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	13	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	4	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	4	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	4	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	4	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	4	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	4	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	4	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	4	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	4	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	8	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	8	0.36
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	8	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	8	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	8	0.36
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	8	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	8	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	8	0.36
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	8	0.36
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	4	0.36
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	4	0.36
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	9	0.36
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	1	0.36
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	4	0.36
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	8	0.36
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	1	0.36
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	8	0.36
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	4	0.36
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	18	0.36

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	5	0.36
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	5	0.36
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	11	0.36
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	11	0.36
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	11	0.36
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	12	0.35
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	12	0.35
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	20	0.35
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	3	0.35
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	13	0.35
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	13	0.35
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	13	0.35
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	13	0.35
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	13	0.35
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	13	0.35
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	7	0.35
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	7	0.35
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	7	0.35
(1,2175)	1:86:A:SER:HB2	1:89:A:LEU:HG	5	0.35
(1,2175)	1:86:A:SER:HB3	1:89:A:LEU:HG	5	0.35
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	6	0.35
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	6	0.35
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	6	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	6	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	6	0.35
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	6	0.35
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	6	0.35
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	6	0.35
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	6	0.35
(1,2119)	1:18:A:LEU:HB2	1:78:A:GLY:HA3	13	0.35
(1,2119)	1:18:A:LEU:HB3	1:78:A:GLY:HA3	13	0.35
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	10	0.35
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	15	0.35
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	12	0.35
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	15	0.35
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	15	0.35
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	15	0.35
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	20	0.35
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	20	0.35
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	20	0.35
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	20	0.35
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	20	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	20	0.35
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	20	0.35
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	20	0.35
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	20	0.35
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	7	0.35
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	7	0.35
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	15	0.35
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	19	0.35
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	10	0.35
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	12	0.35
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	2	0.35
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	16	0.35
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	16	0.35
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	16	0.35
(1,894)	1:160:A:LEU:HD11	1:165:A:TYR:H	11	0.35
(1,894)	1:160:A:LEU:HD12	1:165:A:TYR:H	11	0.35
(1,894)	1:160:A:LEU:HD13	1:165:A:TYR:H	11	0.35
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE1	5	0.35
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE2	5	0.35
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	3	0.35
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	3	0.35
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	3	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	7	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	7	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	7	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	7	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	7	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	7	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	7	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	7	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	7	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	11	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	11	0.35
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	11	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	11	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	11	0.35
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	11	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	11	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	11	0.35
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	11	0.35
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	12	0.35
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	16	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	19	0.35
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	19	0.35
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	19	0.35
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	5	0.35
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	9	0.35
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	9	0.35
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	9	0.35
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	9	0.35
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	9	0.35
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	9	0.35
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	9	0.35
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	9	0.35
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	9	0.35
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	3	0.35
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	19	0.35
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	17	0.35
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG2	11	0.35
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG3	11	0.35
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG2	11	0.35
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG3	11	0.35
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG2	11	0.35
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG3	11	0.35
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	13	0.35
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	14	0.35
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	14	0.35
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	14	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	14	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	14	0.35
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	14	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	14	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	14	0.35
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	14	0.35
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	12	0.35
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	12	0.35
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	12	0.35
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	12	0.35
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	12	0.35
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	12	0.35
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	12	0.35
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	12	0.35
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	12	0.35
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	1	0.35

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	18	0.35
(1,181)	1:75:A:ASP:HB3	1:76:A:ASP:H	8	0.35
(1,155)	1:2:A:PRO:HB3	1:3:A:LEU:H	1	0.35
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	16	0.35
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	1	0.35
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	1	0.35
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	1	0.35
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	7	0.34
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	7	0.34
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	7	0.34
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	7	0.34
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	7	0.34
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	7	0.34
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	14	0.34
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	14	0.34
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	14	0.34
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	14	0.34
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	14	0.34
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	14	0.34
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	15	0.34
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD21	17	0.34
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD22	17	0.34
(1,2514)	1:136:A:PHE:HD1	1:147:A:LEU:HD23	17	0.34
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD21	17	0.34
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD22	17	0.34
(1,2514)	1:136:A:PHE:HD2	1:147:A:LEU:HD23	17	0.34
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	18	0.34
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	18	0.34
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	18	0.34
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	10	0.34
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	10	0.34
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	10	0.34
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	10	0.34
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	10	0.34
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	10	0.34
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG21	11	0.34
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG22	11	0.34
(1,2182)	1:38:A:LEU:HB2	1:84:A:VAL:HG23	11	0.34
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	10	0.34
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	8	0.34
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	8	0.34
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	8	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	3	0.34
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	4	0.34
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	9	0.34
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	18	0.34
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	20	0.34
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	6	0.34
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	6	0.34
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	6	0.34
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	20	0.34
(1,1778)	1:45:A:LEU:HD21	1:87:A:ASN:HB2	9	0.34
(1,1778)	1:45:A:LEU:HD22	1:87:A:ASN:HB2	9	0.34
(1,1778)	1:45:A:LEU:HD23	1:87:A:ASN:HB2	9	0.34
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD22	9	0.34
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD22	9	0.34
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD22	9	0.34
(1,1594)	1:98:A:LEU:HD21	1:100:A:ASN:HD21	9	0.34
(1,1594)	1:98:A:LEU:HD22	1:100:A:ASN:HD21	9	0.34
(1,1594)	1:98:A:LEU:HD23	1:100:A:ASN:HD21	9	0.34
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	1	0.34
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	6	0.34
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	1	0.34
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	2	0.34
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	2	0.34
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	16	0.34
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	2	0.34
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	2	0.34
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	2	0.34
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	8	0.34
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	8	0.34
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	8	0.34
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	2	0.34
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE1	18	0.34
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE2	18	0.34
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	1	0.34
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	16	0.34
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	14	0.34
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	14	0.34
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	14	0.34
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	14	0.34
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	14	0.34
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	14	0.34
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	14	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	14	0.34
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	14	0.34
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	4	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	1	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	1	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	1	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	16	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	16	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	16	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	19	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	19	0.34
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	19	0.34
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG11	2	0.34
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG12	2	0.34
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG13	2	0.34
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG11	2	0.34
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG12	2	0.34
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG13	2	0.34
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG11	2	0.34
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG12	2	0.34
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG13	2	0.34
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	11	0.34
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	15	0.34
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	15	0.34
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	15	0.34
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	15	0.34
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	15	0.34
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	15	0.34
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	15	0.34
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	15	0.34
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	15	0.34
(1,500)	1:63:A:TYR:HB2	1:67:A:LEU:HB3	15	0.34
(1,500)	1:63:A:TYR:HB3	1:67:A:LEU:HB3	15	0.34
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	11	0.34
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	11	0.34
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	11	0.34
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	7	0.34
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	10	0.34
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	16	0.34
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	12	0.34
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	14	0.34
(1,392)	1:97:A:ILE:HG12	1:98:A:LEU:H	18	0.34

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	4	0.34
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	7	0.34
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	8	0.34
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	13	0.34
(1,290)	1:9:A:ILE:HD13	1:10:A:PHE:HD1	20	0.34
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	17	0.34
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	17	0.34
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	17	0.34
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	17	0.34
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	17	0.34
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	17	0.34
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	17	0.34
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	17	0.34
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	17	0.34
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD11	18	0.34
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD12	18	0.34
(1,257)	1:85:A:ILE:HB	1:96:A:LEU:HD13	18	0.34
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	13	0.34
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	13	0.33
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	11	0.33
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	18	0.33
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	18	0.33
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	18	0.33
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	18	0.33
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	18	0.33
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	18	0.33
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	14	0.33
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	14	0.33
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	14	0.33
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	18	0.33
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	18	0.33
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	18	0.33
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	14	0.33
(1,2256)	1:57:A:GLY:HA3	1:58:A:VAL:HG11	18	0.33
(1,2256)	1:57:A:GLY:HA3	1:58:A:VAL:HG12	18	0.33
(1,2256)	1:57:A:GLY:HA3	1:58:A:VAL:HG13	18	0.33
(1,2256)	1:57:A:GLY:HA2	1:58:A:VAL:HG11	18	0.33
(1,2256)	1:57:A:GLY:HA2	1:58:A:VAL:HG12	18	0.33
(1,2256)	1:57:A:GLY:HA2	1:58:A:VAL:HG13	18	0.33
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	9	0.33
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	9	0.33
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	9	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	9	0.33
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	9	0.33
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	9	0.33
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	2	0.33
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	2	0.33
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	2	0.33
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	2	0.33
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	2	0.33
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	2	0.33
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	2	0.33
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	2	0.33
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	2	0.33
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	4	0.33
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	4	0.33
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	4	0.33
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	4	0.33
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	4	0.33
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	4	0.33
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	7	0.33
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	7	0.33
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	7	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	2	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	7	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	13	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	14	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	16	0.33
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	17	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	16	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	16	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	16	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	17	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	17	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	17	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	20	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	20	0.33
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	20	0.33
(1,1893)	1:175:A:PRO:HA	1:176:A:ASP:HB3	19	0.33
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	11	0.33
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	11	0.33
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	11	0.33
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	4	0.33
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	4	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	4	0.33
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD21	10	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	15	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	15	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	19	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	19	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	20	0.33
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	20	0.33
(1,1656)	1:17:A:SER:HB3	1:18:A:LEU:H	19	0.33
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	3	0.33
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	13	0.33
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	20	0.33
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	11	0.33
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD21	9	0.33
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD22	9	0.33
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD23	9	0.33
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	19	0.33
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	19	0.33
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	19	0.33
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	13	0.33
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	13	0.33
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	13	0.33
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	1	0.33
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	6	0.33
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	20	0.33
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	6	0.33
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	6	0.33
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	6	0.33
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	3	0.33
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	3	0.33
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	3	0.33
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	20	0.33
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	20	0.33
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	20	0.33
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	14	0.33
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	14	0.33
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	14	0.33
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	14	0.33
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	14	0.33
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	14	0.33
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	14	0.33
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	14	0.33

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	14	0.33
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	18	0.33
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	17	0.33
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	10	0.33
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	11	0.33
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	3	0.33
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	15	0.33
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD1	3	0.32
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD2	3	0.32
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD1	3	0.32
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD2	3	0.32
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD1	3	0.32
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD2	3	0.32
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	16	0.32
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	16	0.32
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	16	0.32
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD11	15	0.32
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD12	15	0.32
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD13	15	0.32
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD11	15	0.32
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD12	15	0.32
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD13	15	0.32
(1,2305)	1:18:A:LEU:HD11	1:35:A:PRO:HG2	7	0.32
(1,2305)	1:18:A:LEU:HD12	1:35:A:PRO:HG2	7	0.32
(1,2305)	1:18:A:LEU:HD13	1:35:A:PRO:HG2	7	0.32
(1,2230)	1:28:A:LEU:HD13	1:33:A:PHE:HE2	7	0.32
(1,1985)	1:24:A:LEU:HD13	1:33:A:PHE:HE2	6	0.32
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	11	0.32
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	11	0.32
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	1	0.32
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	1	0.32
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	1	0.32
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	1	0.32
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	1	0.32
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	1	0.32
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD22	12	0.32
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	8	0.32
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	11	0.32
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	19	0.32
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	2	0.32
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	13	0.32
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	16	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	5	0.32
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	3	0.32
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	12	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	3	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	3	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	3	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	6	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	6	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	6	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	11	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	11	0.32
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	11	0.32
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	5	0.32
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	5	0.32
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	13	0.32
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	18	0.32
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	18	0.32
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	18	0.32
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	16	0.32
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	16	0.32
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	16	0.32
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	16	0.32
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	16	0.32
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	16	0.32
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE1	10	0.32
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE2	10	0.32
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	8	0.32
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	8	0.32
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	8	0.32
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	3	0.32
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	3	0.32
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	3	0.32
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	3	0.32
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	3	0.32
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	3	0.32
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	2	0.32
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	2	0.32
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	2	0.32
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	1	0.32
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	1	0.32
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	1	0.32
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	1	0.32

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	1	0.32
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	1	0.32
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	3	0.32
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	8	0.32
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	3	0.32
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	18	0.32
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	4	0.32
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	4	0.32
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	4	0.32
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	4	0.32
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	4	0.32
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	4	0.32
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	4	0.32
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	4	0.32
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	4	0.32
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	2	0.32
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	4	0.32
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	4	0.32
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	3	0.32
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	7	0.32
(1,110)	1:137:A:ASN:HD22	1:139:A:ASN:H	20	0.32
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	18	0.31
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	18	0.31
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	18	0.31
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	18	0.31
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	18	0.31
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	18	0.31
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	20	0.31
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	20	0.31
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	20	0.31
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	3	0.31
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	3	0.31
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	9	0.31
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	9	0.31
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	9	0.31
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	8	0.31
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	12	0.31
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	12	0.31
(1,2221)	1:28:A:LEU:HD21	1:92:A:TRP:HD1	19	0.31
(1,2221)	1:28:A:LEU:HD22	1:92:A:TRP:HD1	19	0.31
(1,2221)	1:28:A:LEU:HD23	1:92:A:TRP:HD1	19	0.31
(1,1985)	1:24:A:LEU:HD12	1:33:A:PHE:HE2	5	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	17	0.31
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	17	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	13	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	13	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	13	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	13	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	13	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	17	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	17	0.31
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	17	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	17	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	17	0.31
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	17	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	17	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	17	0.31
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	17	0.31
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD23	18	0.31
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	7	0.31
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	7	0.31
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	7	0.31
(1,1736)	1:112:A:ILE:HG21	1:153:A:LEU:HD11	9	0.31
(1,1736)	1:112:A:ILE:HG21	1:153:A:LEU:HD12	9	0.31
(1,1736)	1:112:A:ILE:HG21	1:153:A:LEU:HD13	9	0.31
(1,1736)	1:112:A:ILE:HG22	1:153:A:LEU:HD11	9	0.31
(1,1736)	1:112:A:ILE:HG22	1:153:A:LEU:HD12	9	0.31
(1,1736)	1:112:A:ILE:HG22	1:153:A:LEU:HD13	9	0.31
(1,1736)	1:112:A:ILE:HG23	1:153:A:LEU:HD11	9	0.31
(1,1736)	1:112:A:ILE:HG23	1:153:A:LEU:HD12	9	0.31
(1,1736)	1:112:A:ILE:HG23	1:153:A:LEU:HD13	9	0.31
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	7	0.31
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	9	0.31
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	10	0.31
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	12	0.31
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	4	0.31
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	4	0.31
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	4	0.31
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	8	0.31
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	9	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	16	0.31
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	1	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	14	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	14	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	14	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	15	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	15	0.31
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	15	0.31
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	12	0.31
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	14	0.31
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	14	0.31
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	14	0.31
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	14	0.31
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	14	0.31
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	14	0.31
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	14	0.31
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	14	0.31
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	14	0.31
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	17	0.31
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	17	0.31
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	17	0.31
(1,588)	1:64:A:ARG:HA	1:64:A:ARG:HD2	20	0.31
(1,588)	1:64:A:ARG:HA	1:64:A:ARG:HD3	20	0.31
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD11	10	0.31
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD12	10	0.31
(1,514)	1:154:A:ALA:HB1	1:157:A:LEU:HD13	10	0.31
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD11	10	0.31
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD12	10	0.31
(1,514)	1:154:A:ALA:HB2	1:157:A:LEU:HD13	10	0.31
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD11	10	0.31
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD12	10	0.31
(1,514)	1:154:A:ALA:HB3	1:157:A:LEU:HD13	10	0.31
(1,482)	1:121:A:TYR:HE1	1:122:A:LYS:H	16	0.31
(1,482)	1:121:A:TYR:HE2	1:122:A:LYS:H	16	0.31
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	10	0.31
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	11	0.31
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	20	0.31
(1,361)	1:161:A:GLN:HA	1:165:A:TYR:H	11	0.31
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	17	0.31
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	17	0.31
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	17	0.31
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	10	0.31

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	14	0.31
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	1	0.31
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	16	0.31
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	2	0.31
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	2	0.31
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	17	0.3
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	17	0.3
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	17	0.3
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	17	0.3
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	17	0.3
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	17	0.3
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	7	0.3
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	7	0.3
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	1	0.3
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	6	0.3
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	6	0.3
(1,2414)	1:13:A:LYS:HD2	1:31:A:GLU:HG3	16	0.3
(1,2414)	1:13:A:LYS:HD3	1:31:A:GLU:HG3	16	0.3
(1,2230)	1:28:A:LEU:HD12	1:33:A:PHE:HE2	9	0.3
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	8	0.3
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	8	0.3
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	8	0.3
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	8	0.3
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	8	0.3
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	8	0.3
(1,2174)	1:24:A:LEU:HD21	1:89:A:LEU:HG	5	0.3
(1,2174)	1:24:A:LEU:HD22	1:89:A:LEU:HG	5	0.3
(1,2174)	1:24:A:LEU:HD23	1:89:A:LEU:HG	5	0.3
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	8	0.3
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	16	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	2	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	2	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	2	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	4	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	4	0.3
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	4	0.3
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG21	14	0.3
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG22	14	0.3
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG23	14	0.3
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG21	14	0.3
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG22	14	0.3
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG23	14	0.3

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	3	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	3	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	3	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	19	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	19	0.3
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	19	0.3
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	14	0.3
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	2	0.3
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	15	0.3
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	2	0.3
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	2	0.3
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	2	0.3
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	7	0.3
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	2	0.3
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	2	0.3
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	2	0.3
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	4	0.3
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	4	0.3
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	4	0.3
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	19	0.3
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	19	0.3
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	19	0.3
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE1	17	0.3
(1,743)	1:45:A:LEU:HG	1:66:A:PHE:HE2	17	0.3
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	2	0.3
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	1	0.3
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	1	0.3
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	18	0.3
(1,411)	1:108:A:ARG:H	1:109:A:ILE:HG13	20	0.3
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	9	0.3
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	4	0.3
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	4	0.3
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	2	0.3
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	4	0.3
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	6	0.3
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	8	0.3
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	16	0.3
(1,250)	1:74:A:MET:HG3	1:76:A:ASP:H	11	0.3
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	10	0.3
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	14	0.29
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	14	0.29
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	1	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	1	0.29
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	1	0.29
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	1	0.29
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	1	0.29
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	1	0.29
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	13	0.29
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	13	0.29
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	13	0.29
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	13	0.29
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	13	0.29
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	13	0.29
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	2	0.29
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	2	0.29
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	12	0.29
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	12	0.29
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	19	0.29
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	19	0.29
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	19	0.29
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	9	0.29
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	9	0.29
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	9	0.29
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	9	0.29
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	11	0.29
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	11	0.29
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	4	0.29
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	18	0.29
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	14	0.29
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	14	0.29
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	14	0.29
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB2	9	0.29
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB3	9	0.29
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB2	9	0.29
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB3	9	0.29
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB2	9	0.29
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB3	9	0.29
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	10	0.29
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	10	0.29
(1,2230)	1:28:A:LEU:HD12	1:33:A:PHE:HE2	1	0.29
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	12	0.29
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	12	0.29
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	12	0.29
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	12	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	12	0.29
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	12	0.29
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	14	0.29
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	14	0.29
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	14	0.29
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	14	0.29
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	14	0.29
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	14	0.29
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	14	0.29
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	14	0.29
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	14	0.29
(1,2096)	1:57:A:GLY:HA2	1:59:A:THR:HA	9	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	17	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	17	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	17	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	17	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	17	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	17	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	17	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	17	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	17	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	20	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	20	0.29
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	20	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	20	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	20	0.29
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	20	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	20	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	20	0.29
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	20	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	5	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	5	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	5	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	13	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	13	0.29
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	13	0.29
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	20	0.29
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	4	0.29
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	1	0.29
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	1	0.29
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	1	0.29
(1,1253)	1:22:A:HIS:H	1:23:A:CYS:HB3	4	0.29

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	10	0.29
(1,1174)	1:15:A:GLU:HB3	1:16:A:GLY:H	3	0.29
(1,1174)	1:15:A:GLU:HB3	1:16:A:GLY:H	12	0.29
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	9	0.29
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	9	0.29
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	9	0.29
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	19	0.29
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	17	0.29
(1,894)	1:160:A:LEU:HD11	1:165:A:TYR:H	17	0.29
(1,894)	1:160:A:LEU:HD12	1:165:A:TYR:H	17	0.29
(1,894)	1:160:A:LEU:HD13	1:165:A:TYR:H	17	0.29
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	14	0.29
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	14	0.29
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	14	0.29
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	19	0.29
(1,502)	1:184:A:GLN:HB3	1:185:A:MET:HA	6	0.29
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	20	0.29
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	20	0.29
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	20	0.29
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	2	0.29
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	16	0.29
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	18	0.29
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	20	0.29
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	20	0.29
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	9	0.29
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	17	0.29
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	18	0.29
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	20	0.29
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	13	0.29
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	13	0.29
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD21	14	0.29
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD22	14	0.29
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD23	14	0.29
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	16	0.28
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	16	0.28
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	16	0.28
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	16	0.28
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	16	0.28
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	16	0.28
(2,79)	1:45:A:LEU:HG	1:66:A:PHE:HZ	16	0.28
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	13	0.28
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	3	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	3	0.28
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	3	0.28
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	10	0.28
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	19	0.28
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	19	0.28
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	6	0.28
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	6	0.28
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	6	0.28
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	6	0.28
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	6	0.28
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	6	0.28
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE2	1	0.28
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE3	1	0.28
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	1	0.28
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	1	0.28
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	1	0.28
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	1	0.28
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	1	0.28
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	1	0.28
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	19	0.28
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	19	0.28
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	19	0.28
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	19	0.28
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	19	0.28
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	19	0.28
(1,2402)	1:38:A:LEU:HD21	1:41:A:ILE:HB	15	0.28
(1,2402)	1:38:A:LEU:HD22	1:41:A:ILE:HB	15	0.28
(1,2402)	1:38:A:LEU:HD23	1:41:A:ILE:HB	15	0.28
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	8	0.28
(1,2307)	1:18:A:LEU:HD21	1:35:A:PRO:HG2	3	0.28
(1,2307)	1:18:A:LEU:HD22	1:35:A:PRO:HG2	3	0.28
(1,2307)	1:18:A:LEU:HD23	1:35:A:PRO:HG2	3	0.28
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	6	0.28
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	6	0.28
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	6	0.28
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	17	0.28
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	17	0.28
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	17	0.28
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	17	0.28
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	17	0.28
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	17	0.28
(1,2152)	1:41:A:ILE:HB	1:84:A:VAL:HA	20	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD11	17	0.28
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD12	17	0.28
(1,2089)	1:9:A:ILE:HA	1:131:A:LEU:HD13	17	0.28
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	5	0.28
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	5	0.28
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	5	0.28
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	12	0.28
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	11	0.28
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	9	0.28
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	9	0.28
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	9	0.28
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	1	0.28
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	1	0.28
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	1	0.28
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	1	0.28
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	1	0.28
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	1	0.28
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	1	0.28
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	1	0.28
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	1	0.28
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD21	6	0.28
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD22	6	0.28
(1,1808)	1:148:A:ILE:HD11	1:157:A:LEU:HD23	6	0.28
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD21	6	0.28
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD22	6	0.28
(1,1808)	1:148:A:ILE:HD12	1:157:A:LEU:HD23	6	0.28
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD21	6	0.28
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD22	6	0.28
(1,1808)	1:148:A:ILE:HD13	1:157:A:LEU:HD23	6	0.28
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	16	0.28
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	16	0.28
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	16	0.28
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	8	0.28
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	8	0.28
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	19	0.28
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	19	0.28
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	19	0.28
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	16	0.28
(1,1511)	1:157:A:LEU:HB2	1:161:A:GLN:HE22	5	0.28
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	8	0.28
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	8	0.28
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	8	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	12	0.28
(1,1148)	1:187:A:ARG:H	1:187:A:ARG:HG2	11	0.28
(1,1049)	1:119:A:CYS:HB3	1:126:A:PHE:H	17	0.28
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	13	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	1	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	1	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	1	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	18	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	18	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	18	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	20	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	20	0.28
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	20	0.28
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	9	0.28
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	9	0.28
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	15	0.28
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	15	0.28
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	20	0.28
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	13	0.28
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	13	0.28
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	13	0.28
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	13	0.28
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	13	0.28
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	13	0.28
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	13	0.28
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	13	0.28
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	13	0.28
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	2	0.28
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	2	0.28
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	2	0.28
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	9	0.28
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	9	0.28
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	9	0.28
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	3	0.28
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	9	0.28
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	9	0.28
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	9	0.28
(1,502)	1:184:A:GLN:HB3	1:185:A:MET:HA	3	0.28
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	20	0.28
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	20	0.28
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	8	0.28
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	10	0.28

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	10	0.28
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	10	0.28
(1,155)	1:2:A:PRO:HB3	1:3:A:LEU:H	6	0.28
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	19	0.27
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	19	0.27
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	19	0.27
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	19	0.27
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	19	0.27
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	19	0.27
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	16	0.27
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	16	0.27
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	18	0.27
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	18	0.27
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	18	0.27
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	18	0.27
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	18	0.27
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	18	0.27
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	4	0.27
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	4	0.27
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	4	0.27
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	9	0.27
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	9	0.27
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	9	0.27
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	10	0.27
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	10	0.27
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	10	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	10	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	10	0.27
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	10	0.27
(1,2494)	1:131:A:LEU:HD21	1:136:A:PHE:HD1	6	0.27
(1,2494)	1:131:A:LEU:HD21	1:136:A:PHE:HD2	6	0.27
(1,2494)	1:131:A:LEU:HD22	1:136:A:PHE:HD1	6	0.27
(1,2494)	1:131:A:LEU:HD22	1:136:A:PHE:HD2	6	0.27
(1,2494)	1:131:A:LEU:HD23	1:136:A:PHE:HD1	6	0.27
(1,2494)	1:131:A:LEU:HD23	1:136:A:PHE:HD2	6	0.27
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	4	0.27
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	4	0.27
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	4	0.27
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	4	0.27
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	4	0.27
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	4	0.27
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	5	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	5	0.27
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	5	0.27
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	5	0.27
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	5	0.27
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	5	0.27
(1,2242)	1:11:A:HIS:HE1	1:31:A:GLU:HB3	19	0.27
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	13	0.27
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	13	0.27
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	13	0.27
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	13	0.27
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	13	0.27
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	13	0.27
(1,2174)	1:24:A:LEU:HD21	1:89:A:LEU:HG	6	0.27
(1,2174)	1:24:A:LEU:HD22	1:89:A:LEU:HG	6	0.27
(1,2174)	1:24:A:LEU:HD23	1:89:A:LEU:HG	6	0.27
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	15	0.27
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	19	0.27
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	19	0.27
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	19	0.27
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	8	0.27
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	11	0.27
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD21	17	0.27
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	14	0.27
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	14	0.27
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	14	0.27
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	14	0.27
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	14	0.27
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	14	0.27
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	4	0.27
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	4	0.27
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	4	0.27
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	10	0.27
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	12	0.27
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	17	0.27
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG2	11	0.27
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG3	11	0.27
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	20	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	6	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	6	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	6	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	9	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	9	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	9	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD21	20	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD22	20	0.27
(1,1266)	1:183:A:LEU:H	1:183:A:LEU:HD23	20	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	4	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	4	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	4	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	10	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	10	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	10	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	17	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	17	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	17	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	19	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	19	0.27
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	19	0.27
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	12	0.27
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	6	0.27
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	6	0.27
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	6	0.27
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	4	0.27
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	20	0.27
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	20	0.27
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	20	0.27
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG21	11	0.27
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG22	11	0.27
(1,754)	1:79:A:PHE:HD1	1:84:A:VAL:HG23	11	0.27
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG21	11	0.27
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG22	11	0.27
(1,754)	1:79:A:PHE:HD2	1:84:A:VAL:HG23	11	0.27
(1,712)	1:169:A:VAL:HG21	1:171:A:LYS:HB2	6	0.27
(1,712)	1:169:A:VAL:HG22	1:171:A:LYS:HB2	6	0.27
(1,712)	1:169:A:VAL:HG23	1:171:A:LYS:HB2	6	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	8	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	8	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	8	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	8	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	8	0.27
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	8	0.27
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	18	0.27
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	18	0.27
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	18	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	14	0.27
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	14	0.27
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	14	0.27
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	14	0.27
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	14	0.27
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	14	0.27
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	18	0.27
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	1	0.27
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	20	0.27
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	20	0.27
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	20	0.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	6	0.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	6	0.27
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	6	0.27
(1,361)	1:161:A:GLN:HA	1:165:A:TYR:H	17	0.27
(1,325)	1:24:A:LEU:HD21	1:85:A:ILE:H	20	0.27
(1,325)	1:24:A:LEU:HD22	1:85:A:ILE:H	20	0.27
(1,325)	1:24:A:LEU:HD23	1:85:A:ILE:H	20	0.27
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	11	0.27
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	11	0.27
(1,277)	1:111:A:PRO:HB2	1:117:A:PHE:HB3	18	0.27
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG11	4	0.27
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG12	4	0.27
(1,266)	1:94:A:LEU:HD11	1:170:A:VAL:HG13	4	0.27
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG11	4	0.27
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG12	4	0.27
(1,266)	1:94:A:LEU:HD12	1:170:A:VAL:HG13	4	0.27
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG11	4	0.27
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG12	4	0.27
(1,266)	1:94:A:LEU:HD13	1:170:A:VAL:HG13	4	0.27
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	7	0.27
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	12	0.27
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	19	0.27
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	9	0.27
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	1	0.27
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	1	0.27
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	20	0.27
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	20	0.27
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	16	0.27
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	16	0.27
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	12	0.27
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	12	0.27

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	12	0.27
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	12	0.27
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	12	0.27
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	12	0.27
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	12	0.27
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	12	0.27
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	12	0.27
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	8	0.26
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	8	0.26
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	10	0.26
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	10	0.26
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	10	0.26
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	18	0.26
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	18	0.26
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	18	0.26
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	14	0.26
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	14	0.26
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	14	0.26
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	6	0.26
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	12	0.26
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	12	0.26
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	12	0.26
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	15	0.26
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	15	0.26
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	15	0.26
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	15	0.26
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	15	0.26
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	15	0.26
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD11	20	0.26
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD12	20	0.26
(1,2509)	1:134:A:GLN:HE21	1:147:A:LEU:HD13	20	0.26
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	9	0.26
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	9	0.26
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	9	0.26
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	10	0.26
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	10	0.26
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	10	0.26
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	8	0.26
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	8	0.26
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	8	0.26
(1,2387)	1:66:A:PHE:HE1	1:67:A:LEU:HG	15	0.26
(1,2387)	1:66:A:PHE:HE2	1:67:A:LEU:HG	15	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	2	0.26
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	7	0.26
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	12	0.26
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	15	0.26
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	16	0.26
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	13	0.26
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	13	0.26
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	13	0.26
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	5	0.26
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	5	0.26
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	5	0.26
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	5	0.26
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	5	0.26
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	5	0.26
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	5	0.26
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	5	0.26
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	5	0.26
(1,2060)	1:121:A:TYR:HD1	1:122:A:LYS:HD2	16	0.26
(1,2060)	1:121:A:TYR:HD2	1:122:A:LYS:HD2	16	0.26
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD11	9	0.26
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD12	9	0.26
(1,2046)	1:85:A:ILE:HG13	1:118:A:ILE:HD13	9	0.26
(1,1987)	1:24:A:LEU:HD11	1:89:A:LEU:HD21	15	0.26
(1,1987)	1:24:A:LEU:HD11	1:89:A:LEU:HD22	15	0.26
(1,1987)	1:24:A:LEU:HD11	1:89:A:LEU:HD23	15	0.26
(1,1987)	1:24:A:LEU:HD12	1:89:A:LEU:HD21	15	0.26
(1,1987)	1:24:A:LEU:HD12	1:89:A:LEU:HD22	15	0.26
(1,1987)	1:24:A:LEU:HD12	1:89:A:LEU:HD23	15	0.26
(1,1987)	1:24:A:LEU:HD13	1:89:A:LEU:HD21	15	0.26
(1,1987)	1:24:A:LEU:HD13	1:89:A:LEU:HD22	15	0.26
(1,1987)	1:24:A:LEU:HD13	1:89:A:LEU:HD23	15	0.26
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	1	0.26
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	6	0.26
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	4	0.26
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	4	0.26
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	4	0.26
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	4	0.26
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	4	0.26
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	4	0.26
(1,1707)	1:45:A:LEU:HD21	1:87:A:ASN:HB3	16	0.26
(1,1707)	1:45:A:LEU:HD22	1:87:A:ASN:HB3	16	0.26
(1,1707)	1:45:A:LEU:HD23	1:87:A:ASN:HB3	16	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	1	0.26
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	1	0.26
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	1	0.26
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	18	0.26
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	12	0.26
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	12	0.26
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	12	0.26
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	8	0.26
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	5	0.26
(1,1034)	1:70:A:PRO:HB3	1:71:A:SER:H	4	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	10	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	10	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	10	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	19	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	19	0.26
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	19	0.26
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	8	0.26
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	17	0.26
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	3	0.26
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	3	0.26
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	3	0.26
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	3	0.26
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	3	0.26
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	3	0.26
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	10	0.26
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	10	0.26
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	10	0.26
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	8	0.26
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	8	0.26
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	8	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	8	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	8	0.26
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	8	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	8	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	8	0.26
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	8	0.26
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	18	0.26
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	18	0.26
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	18	0.26
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	18	0.26
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	18	0.26
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	18	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG11	13	0.26
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG12	13	0.26
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG13	13	0.26
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG11	13	0.26
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG12	13	0.26
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG13	13	0.26
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG11	13	0.26
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG12	13	0.26
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG13	13	0.26
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	17	0.26
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	17	0.26
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	17	0.26
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	20	0.26
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	20	0.26
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	20	0.26
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	17	0.26
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	17	0.26
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	2	0.26
(1,356)	1:159:A:GLN:H	1:162:A:GLN:HB2	10	0.26
(1,356)	1:159:A:GLN:H	1:162:A:GLN:HB3	10	0.26
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	3	0.26
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	11	0.26
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	11	0.26
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	4	0.26
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	16	0.26
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	16	0.26
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	16	0.26
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG2	19	0.26
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG3	19	0.26
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG2	19	0.26
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG3	19	0.26
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG2	19	0.26
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG3	19	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	3	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	3	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	13	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	13	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	19	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	19	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	20	0.26
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	20	0.26
(1,37)	1:82:A:ILE:HG21	1:85:A:ILE:HG21	17	0.26

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,37)	1:82:A:ILE:HG21	1:85:A:ILE:HG22	17	0.26
(1,37)	1:82:A:ILE:HG21	1:85:A:ILE:HG23	17	0.26
(1,37)	1:82:A:ILE:HG22	1:85:A:ILE:HG21	17	0.26
(1,37)	1:82:A:ILE:HG22	1:85:A:ILE:HG22	17	0.26
(1,37)	1:82:A:ILE:HG22	1:85:A:ILE:HG23	17	0.26
(1,37)	1:82:A:ILE:HG23	1:85:A:ILE:HG21	17	0.26
(1,37)	1:82:A:ILE:HG23	1:85:A:ILE:HG22	17	0.26
(1,37)	1:82:A:ILE:HG23	1:85:A:ILE:HG23	17	0.26
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE1	20	0.25
(2,80)	1:98:A:LEU:HD21	1:99:A:PHE:HE2	20	0.25
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE1	20	0.25
(2,80)	1:98:A:LEU:HD22	1:99:A:PHE:HE2	20	0.25
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE1	20	0.25
(2,80)	1:98:A:LEU:HD23	1:99:A:PHE:HE2	20	0.25
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	7	0.25
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	7	0.25
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	11	0.25
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	11	0.25
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	6	0.25
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	6	0.25
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	6	0.25
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	6	0.25
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	6	0.25
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	6	0.25
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	14	0.25
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	14	0.25
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	19	0.25
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	19	0.25
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	19	0.25
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	16	0.25
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	16	0.25
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE1	11	0.25
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE2	11	0.25
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE3	11	0.25
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE2	12	0.25
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE3	12	0.25
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	6	0.25
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	6	0.25
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	6	0.25
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	4	0.25
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	5	0.25
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	11	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2251)	1:18:A:LEU:HD11	1:35:A:PRO:HA	14	0.25
(1,2251)	1:18:A:LEU:HD12	1:35:A:PRO:HA	14	0.25
(1,2251)	1:18:A:LEU:HD13	1:35:A:PRO:HA	14	0.25
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	20	0.25
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	20	0.25
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	20	0.25
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	20	0.25
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	20	0.25
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	20	0.25
(1,2184)	1:92:A:TRP:HB2	1:94:A:LEU:HD21	13	0.25
(1,2184)	1:92:A:TRP:HB2	1:94:A:LEU:HD22	13	0.25
(1,2184)	1:92:A:TRP:HB2	1:94:A:LEU:HD23	13	0.25
(1,2152)	1:41:A:ILE:HB	1:84:A:VAL:HA	13	0.25
(1,1977)	1:90:A:LYS:HB3	1:91:A:VAL:HA	19	0.25
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	13	0.25
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	13	0.25
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	13	0.25
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	13	0.25
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	13	0.25
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	13	0.25
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	13	0.25
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	13	0.25
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	13	0.25
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	8	0.25
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	8	0.25
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	8	0.25
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD21	15	0.25
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD22	15	0.25
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD23	15	0.25
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	6	0.25
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	6	0.25
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	6	0.25
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	16	0.25
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	16	0.25
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	11	0.25
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	3	0.25
(1,1558)	1:41:A:ILE:H	1:41:A:ILE:HG12	5	0.25
(1,1483)	1:74:A:MET:HE1	1:76:A:ASP:H	3	0.25
(1,1483)	1:74:A:MET:HE2	1:76:A:ASP:H	3	0.25
(1,1483)	1:74:A:MET:HE3	1:76:A:ASP:H	3	0.25
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	6	0.25
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	6	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	6	0.25
(1,1432)	1:43:A:HIS:H	1:44:A:GLN:HG2	17	0.25
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	6	0.25
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	1	0.25
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	6	0.25
(1,1174)	1:15:A:GLU:HB3	1:16:A:GLY:H	9	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	5	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	5	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	5	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD11	7	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD12	7	0.25
(1,1008)	1:107:A:LEU:H	1:107:A:LEU:HD13	7	0.25
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	11	0.25
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	20	0.25
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	15	0.25
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	15	0.25
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	15	0.25
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	15	0.25
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	7	0.25
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	16	0.25
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG21	11	0.25
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG22	11	0.25
(1,757)	1:79:A:PHE:HE1	1:84:A:VAL:HG23	11	0.25
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG21	11	0.25
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG22	11	0.25
(1,757)	1:79:A:PHE:HE2	1:84:A:VAL:HG23	11	0.25
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	4	0.25
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	4	0.25
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	4	0.25
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	4	0.25
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	4	0.25
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	4	0.25
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	20	0.25
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	20	0.25
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	20	0.25
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	20	0.25
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	20	0.25
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	20	0.25
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	20	0.25
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	20	0.25
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	20	0.25
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	8	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	8	0.25
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	8	0.25
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	8	0.25
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	8	0.25
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	8	0.25
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	11	0.25
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	11	0.25
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	11	0.25
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	6	0.25
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	6	0.25
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	6	0.25
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	6	0.25
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	6	0.25
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	6	0.25
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	6	0.25
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	6	0.25
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	6	0.25
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	3	0.25
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	3	0.25
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	3	0.25
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	17	0.25
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	17	0.25
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	17	0.25
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	17	0.25
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	17	0.25
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	17	0.25
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	17	0.25
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	17	0.25
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	17	0.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	7	0.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	7	0.25
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	7	0.25
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	18	0.25
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	18	0.25
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	18	0.25
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	18	0.25
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	12	0.25
(1,421)	1:31:A:GLU:HG3	1:33:A:PHE:H	5	0.25
(1,411)	1:108:A:ARG:H	1:109:A:ILE:HG13	2	0.25
(1,371)	1:112:A:ILE:HD11	1:151:A:THR:H	14	0.25
(1,371)	1:112:A:ILE:HD12	1:151:A:THR:H	14	0.25
(1,371)	1:112:A:ILE:HD13	1:151:A:THR:H	14	0.25

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	14	0.25
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	14	0.25
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	14	0.25
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	14	0.25
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	14	0.25
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	14	0.25
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	17	0.25
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	17	0.25
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	17	0.25
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	20	0.25
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	17	0.25
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	17	0.25
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	16	0.25
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	14	0.25
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	14	0.25
(1,155)	1:2:A:PRO:HB3	1:3:A:LEU:H	8	0.25
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	5	0.24
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	5	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	5	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	5	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	5	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	5	0.24
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	17	0.24
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	17	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	17	0.24
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	17	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	17	0.24
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	17	0.24
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	16	0.24
(1,2625)	1:66:A:PHE:HZ	1:69:A:GLN:HB3	5	0.24
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD1	11	0.24
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD2	11	0.24
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	17	0.24
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	17	0.24
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	17	0.24
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	17	0.24
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	17	0.24
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	17	0.24
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	7	0.24
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	7	0.24
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	7	0.24
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	7	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	7	0.24
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	7	0.24
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	13	0.24
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	20	0.24
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD11	13	0.24
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD12	13	0.24
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD13	13	0.24
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	16	0.24
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	16	0.24
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	16	0.24
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	16	0.24
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	16	0.24
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	16	0.24
(1,2174)	1:24:A:LEU:HD21	1:89:A:LEU:HG	2	0.24
(1,2174)	1:24:A:LEU:HD22	1:89:A:LEU:HG	2	0.24
(1,2174)	1:24:A:LEU:HD23	1:89:A:LEU:HG	2	0.24
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	12	0.24
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	12	0.24
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	12	0.24
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	12	0.24
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	12	0.24
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	12	0.24
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	12	0.24
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	12	0.24
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	12	0.24
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	17	0.24
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	17	0.24
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	17	0.24
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	17	0.24
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	17	0.24
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	17	0.24
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	12	0.24
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	12	0.24
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	12	0.24
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	12	0.24
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	12	0.24
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	12	0.24
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	12	0.24
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	12	0.24
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	12	0.24
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	12	0.24
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	12	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	12	0.24
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	17	0.24
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	17	0.24
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	17	0.24
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	3	0.24
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	3	0.24
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	3	0.24
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	17	0.24
(1,1660)	1:53:A:MET:H	1:53:A:MET:HB3	12	0.24
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	11	0.24
(1,1390)	1:31:A:GLU:HG3	1:32:A:TYR:H	16	0.24
(1,1385)	1:88:A:ALA:H	1:90:A:LYS:HG2	19	0.24
(1,1334)	1:45:A:LEU:HD21	1:87:A:ASN:H	9	0.24
(1,1334)	1:45:A:LEU:HD22	1:87:A:ASN:H	9	0.24
(1,1334)	1:45:A:LEU:HD23	1:87:A:ASN:H	9	0.24
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	20	0.24
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	20	0.24
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	16	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	5	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	5	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	5	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	9	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	9	0.24
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	9	0.24
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	1	0.24
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	4	0.24
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	11	0.24
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	17	0.24
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	17	0.24
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	17	0.24
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	17	0.24
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	17	0.24
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	17	0.24
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	13	0.24
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	13	0.24
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	13	0.24
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	9	0.24
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	9	0.24
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	9	0.24
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	9	0.24
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	9	0.24
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	9	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	9	0.24
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	9	0.24
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	9	0.24
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	17	0.24
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	17	0.24
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	17	0.24
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	17	0.24
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	17	0.24
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	17	0.24
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	17	0.24
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	17	0.24
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	17	0.24
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	3	0.24
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	3	0.24
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	3	0.24
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	3	0.24
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	3	0.24
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	3	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	7	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	7	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	7	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	12	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	12	0.24
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	12	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	6	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	6	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	6	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	16	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	16	0.24
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	16	0.24
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	15	0.24
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	15	0.24
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	15	0.24
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	15	0.24
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	15	0.24
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	15	0.24
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	10	0.24
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	16	0.24
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	16	0.24
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	16	0.24
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	11	0.24
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	11	0.24

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,422)	1:25:A:ASN:H	1:33:A:PHE:HD2	5	0.24
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	3	0.24
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	9	0.24
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	9	0.24
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	15	0.24
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	17	0.24
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	4	0.24
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	12	0.24
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	12	0.24
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	12	0.24
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	12	0.24
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	12	0.24
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	12	0.24
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	12	0.24
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	12	0.24
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	12	0.24
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	11	0.24
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	11	0.24
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	11	0.24
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	13	0.24
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	13	0.24
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	13	0.24
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	5	0.24
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	16	0.24
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	16	0.24
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	15	0.24
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	15	0.24
(1,155)	1:2:A:PRO:HB3	1:3:A:LEU:H	9	0.24
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	4	0.24
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	15	0.24
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	15	0.24
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	15	0.24
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	2	0.24
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG11	14	0.24
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG12	14	0.24
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG13	14	0.24
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	20	0.23
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	20	0.23
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	20	0.23
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	4	0.23
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	4	0.23
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	4	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	4	0.23
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	14	0.23
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB2	15	0.23
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	9	0.23
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	9	0.23
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	9	0.23
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	9	0.23
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	9	0.23
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	9	0.23
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	19	0.23
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	8	0.23
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	8	0.23
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	11	0.23
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	11	0.23
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	11	0.23
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	11	0.23
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	11	0.23
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	11	0.23
(1,2148)	1:82:A:ILE:HG12	1:168:A:PHE:HZ	19	0.23
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	7	0.23
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	9	0.23
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	9	0.23
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	9	0.23
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	17	0.23
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	17	0.23
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	17	0.23
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	17	0.23
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	17	0.23
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	17	0.23
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	17	0.23
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	17	0.23
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	17	0.23
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	11	0.23
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	11	0.23
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	11	0.23
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	11	0.23
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	11	0.23
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	11	0.23
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	7	0.23
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	7	0.23
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	7	0.23
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	7	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	7	0.23
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	7	0.23
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	20	0.23
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	20	0.23
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	20	0.23
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	11	0.23
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	11	0.23
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	11	0.23
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	12	0.23
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	12	0.23
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	12	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	6	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	6	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	6	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	6	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	6	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	6	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	16	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	16	0.23
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	16	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	16	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	16	0.23
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	16	0.23
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	2	0.23
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	2	0.23
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	2	0.23
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	1	0.23
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	6	0.23
(1,1305)	1:51:A:MET:HG2	1:52:A:ARG:H	8	0.23
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	7	0.23
(1,1151)	1:187:A:ARG:H	1:187:A:ARG:HD2	17	0.23
(1,1025)	1:71:A:SER:HB2	1:72:A:GLY:H	7	0.23
(1,1025)	1:71:A:SER:HB3	1:72:A:GLY:H	7	0.23
(1,980)	1:84:A:VAL:H	1:85:A:ILE:HB	17	0.23
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	3	0.23
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	17	0.23
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	17	0.23
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	17	0.23
(1,821)	1:122:A:LYS:HD2	1:123:A:GLU:H	7	0.23
(1,790)	1:96:A:LEU:HD21	1:170:A:VAL:H	5	0.23
(1,790)	1:96:A:LEU:HD22	1:170:A:VAL:H	5	0.23
(1,790)	1:96:A:LEU:HD23	1:170:A:VAL:H	5	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	16	0.23
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	16	0.23
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	16	0.23
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	17	0.23
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	17	0.23
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	17	0.23
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	13	0.23
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	13	0.23
(1,660)	1:18:A:LEU:HD21	1:38:A:LEU:HB3	2	0.23
(1,660)	1:18:A:LEU:HD22	1:38:A:LEU:HB3	2	0.23
(1,660)	1:18:A:LEU:HD23	1:38:A:LEU:HB3	2	0.23
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	4	0.23
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	4	0.23
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	4	0.23
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	8	0.23
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	8	0.23
(1,640)	1:36:A:VAL:HG21	1:39:A:SER:HB2	10	0.23
(1,640)	1:36:A:VAL:HG22	1:39:A:SER:HB2	10	0.23
(1,640)	1:36:A:VAL:HG23	1:39:A:SER:HB2	10	0.23
(1,596)	1:59:A:THR:HA	1:60:A:SER:HB2	1	0.23
(1,596)	1:59:A:THR:HA	1:60:A:SER:HB2	10	0.23
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	5	0.23
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	5	0.23
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	5	0.23
(1,557)	1:58:A:VAL:HG11	1:60:A:SER:HB3	10	0.23
(1,557)	1:58:A:VAL:HG12	1:60:A:SER:HB3	10	0.23
(1,557)	1:58:A:VAL:HG13	1:60:A:SER:HB3	10	0.23
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	7	0.23
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	11	0.23
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	11	0.23
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	11	0.23
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	11	0.23
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	11	0.23
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	11	0.23
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	11	0.23
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	11	0.23
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	11	0.23
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	15	0.23
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	15	0.23
(1,428)	1:112:A:ILE:HD11	1:114:A:GLU:H	2	0.23
(1,428)	1:112:A:ILE:HD12	1:114:A:GLU:H	2	0.23
(1,428)	1:112:A:ILE:HD13	1:114:A:GLU:H	2	0.23

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	19	0.23
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	19	0.23
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	4	0.23
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	4	0.23
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	4	0.23
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	14	0.23
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	17	0.23
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	17	0.23
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	4	0.23
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	4	0.23
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	12	0.23
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	12	0.23
(1,153)	1:141:A:LEU:HD21	1:142:A:LEU:H	10	0.23
(1,153)	1:141:A:LEU:HD22	1:142:A:LEU:H	10	0.23
(1,153)	1:141:A:LEU:HD23	1:142:A:LEU:H	10	0.23
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	13	0.23
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	12	0.23
(1,32)	1:21:A:GLN:HA	1:24:A:LEU:HG	18	0.23
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	12	0.22
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	12	0.22
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	9	0.22
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	9	0.22
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	9	0.22
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	17	0.22
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	7	0.22
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	7	0.22
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	7	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	6	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	6	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	6	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	6	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	6	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	6	0.22
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	6	0.22
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	6	0.22
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	6	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	20	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	20	0.22
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	20	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	20	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	20	0.22
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	20	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	20	0.22
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	20	0.22
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	20	0.22
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	7	0.22
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	7	0.22
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	7	0.22
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	7	0.22
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	7	0.22
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	7	0.22
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	3	0.22
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	3	0.22
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	3	0.22
(2,1)	1:157:A:LEU:HD11	1:160:A:LEU:HB2	5	0.22
(2,1)	1:157:A:LEU:HD12	1:160:A:LEU:HB2	5	0.22
(2,1)	1:157:A:LEU:HD13	1:160:A:LEU:HB2	5	0.22
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	9	0.22
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	9	0.22
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	9	0.22
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	15	0.22
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	15	0.22
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	15	0.22
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	20	0.22
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	20	0.22
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	20	0.22
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	17	0.22
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	17	0.22
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	9	0.22
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	9	0.22
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	4	0.22
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	4	0.22
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	4	0.22
(1,2454)	1:10:A:PHE:HD1	1:179:A:ALA:HB1	13	0.22
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE2	11	0.22
(1,2449)	1:171:A:LYS:HG3	1:171:A:LYS:HE3	11	0.22
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	11	0.22
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	11	0.22
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	11	0.22
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	11	0.22
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	11	0.22
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	11	0.22
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	5	0.22
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	5	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	5	0.22
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	5	0.22
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	5	0.22
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD11	14	0.22
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD12	14	0.22
(1,2261)	1:8:A:SER:HA	1:182:A:LEU:HD13	14	0.22
(1,2244)	1:11:A:HIS:HE1	1:31:A:GLU:HG2	12	0.22
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	15	0.22
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	15	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	15	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	15	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	15	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	15	0.22
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	19	0.22
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	19	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	19	0.22
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	19	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	19	0.22
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	19	0.22
(1,2174)	1:24:A:LEU:HD21	1:89:A:LEU:HG	3	0.22
(1,2174)	1:24:A:LEU:HD22	1:89:A:LEU:HG	3	0.22
(1,2174)	1:24:A:LEU:HD23	1:89:A:LEU:HG	3	0.22
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	15	0.22
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	15	0.22
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	15	0.22
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	20	0.22
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	14	0.22
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG11	8	0.22
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG12	8	0.22
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG13	8	0.22
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG11	8	0.22
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG12	8	0.22
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG13	8	0.22
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG11	8	0.22
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG12	8	0.22
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG13	8	0.22
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	16	0.22
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	16	0.22
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	16	0.22
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	16	0.22
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	16	0.22
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB1	10	0.22
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB2	10	0.22
(1,1830)	1:157:A:LEU:HB3	1:158:A:ALA:HB3	10	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	6	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	6	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	6	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	13	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	13	0.22
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	13	0.22
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	7	0.22
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	7	0.22
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	7	0.22
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD21	14	0.22
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD22	14	0.22
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD23	14	0.22
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	19	0.22
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	19	0.22
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	19	0.22
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	19	0.22
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	19	0.22
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	19	0.22
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD11	18	0.22
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD12	18	0.22
(1,1745)	1:111:A:PRO:HG3	1:153:A:LEU:HD13	18	0.22
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	6	0.22
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	6	0.22
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	11	0.22
(1,1660)	1:53:A:MET:H	1:53:A:MET:HB3	16	0.22
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	2	0.22
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	15	0.22
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG2	20	0.22
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG3	20	0.22
(1,1483)	1:74:A:MET:HE1	1:76:A:ASP:H	19	0.22
(1,1483)	1:74:A:MET:HE2	1:76:A:ASP:H	19	0.22
(1,1483)	1:74:A:MET:HE3	1:76:A:ASP:H	19	0.22
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	1	0.22
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	1	0.22
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	1	0.22
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	7	0.22
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	7	0.22
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	7	0.22
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	20	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	20	0.22
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	20	0.22
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	14	0.22
(1,1334)	1:45:A:LEU:HD21	1:87:A:ASN:H	16	0.22
(1,1334)	1:45:A:LEU:HD22	1:87:A:ASN:H	16	0.22
(1,1334)	1:45:A:LEU:HD23	1:87:A:ASN:H	16	0.22
(1,1305)	1:51:A:MET:HG2	1:52:A:ARG:H	18	0.22
(1,1226)	1:74:A:MET:H	1:74:A:MET:HE1	7	0.22
(1,1226)	1:74:A:MET:H	1:74:A:MET:HE2	7	0.22
(1,1226)	1:74:A:MET:H	1:74:A:MET:HE3	7	0.22
(1,1200)	1:64:A:ARG:HD2	1:65:A:THR:H	20	0.22
(1,1200)	1:64:A:ARG:HD3	1:65:A:THR:H	20	0.22
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	13	0.22
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	13	0.22
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	13	0.22
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	12	0.22
(1,1125)	1:122:A:LYS:H	1:122:A:LYS:HE2	15	0.22
(1,1031)	1:71:A:SER:H	1:73:A:ASN:H	11	0.22
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	19	0.22
(1,777)	1:161:A:GLN:HG3	1:166:A:SER:H	10	0.22
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	10	0.22
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	10	0.22
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	10	0.22
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	10	0.22
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	18	0.22
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	18	0.22
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	18	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	1	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	1	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	1	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	1	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	1	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	1	0.22
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	1	0.22
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	1	0.22
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	1	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	16	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	16	0.22
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	16	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	16	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	16	0.22
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	16	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	16	0.22
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	16	0.22
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	16	0.22
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	17	0.22
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	17	0.22
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	17	0.22
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	17	0.22
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	17	0.22
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	17	0.22
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	17	0.22
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	17	0.22
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	17	0.22
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	15	0.22
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	15	0.22
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	15	0.22
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	15	0.22
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	15	0.22
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	15	0.22
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	15	0.22
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	15	0.22
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	15	0.22
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD21	15	0.22
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD22	15	0.22
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD23	15	0.22
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	6	0.22
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	6	0.22
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	10	0.22
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	10	0.22
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	10	0.22
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	7	0.22
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	7	0.22
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	7	0.22
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	7	0.22
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	7	0.22
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	7	0.22
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	7	0.22
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	7	0.22
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	7	0.22
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	18	0.22
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	18	0.22
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	18	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	8	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	8	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	8	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	19	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	19	0.22
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	19	0.22
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	9	0.22
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	9	0.22
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	9	0.22
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	19	0.22
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	19	0.22
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	19	0.22
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	20	0.22
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	1	0.22
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	7	0.22
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	7	0.22
(1,403)	1:76:A:ASP:HB2	1:78:A:GLY:H	10	0.22
(1,377)	1:40:A:SER:H	1:40:A:SER:HB2	20	0.22
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	11	0.22
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	8	0.22
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	8	0.22
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	9	0.22
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	9	0.22
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	10	0.22
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	10	0.22
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	13	0.22
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	13	0.22
(1,290)	1:9:A:ILE:HD12	1:10:A:PHE:HD1	18	0.22
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	14	0.22
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	14	0.22
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	14	0.22
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	20	0.22
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	20	0.22
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	20	0.22
(1,255)	1:93:A:GLY:H	1:94:A:LEU:HB2	5	0.22
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	3	0.22
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	4	0.22
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	4	0.22
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	4	0.22
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	6	0.22
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	6	0.22
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	1	0.22
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	17	0.22

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	4	0.21
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	4	0.21
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	17	0.21
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	8	0.21
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	8	0.21
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	8	0.21
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	5	0.21
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	5	0.21
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	10	0.21
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	10	0.21
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	8	0.21
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	15	0.21
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	9	0.21
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	9	0.21
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	4	0.21
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	4	0.21
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	4	0.21
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	18	0.21
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	18	0.21
(1,2573)	1:92:A:TRP:HE3	1:94:A:LEU:HD21	10	0.21
(1,2573)	1:92:A:TRP:HE3	1:94:A:LEU:HD22	10	0.21
(1,2573)	1:92:A:TRP:HE3	1:94:A:LEU:HD23	10	0.21
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	3	0.21
(1,2440)	1:169:A:VAL:HG21	1:171:A:LYS:HB3	11	0.21
(1,2440)	1:169:A:VAL:HG22	1:171:A:LYS:HB3	11	0.21
(1,2440)	1:169:A:VAL:HG23	1:171:A:LYS:HB3	11	0.21
(1,2413)	1:11:A:HIS:HE1	1:31:A:GLU:HG3	9	0.21
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	5	0.21
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	5	0.21
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	5	0.21
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	5	0.21
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	5	0.21
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	5	0.21
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD11	13	0.21
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD12	13	0.21
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD13	13	0.21
(1,2237)	1:45:A:LEU:HD11	1:83:A:GLN:HA	9	0.21
(1,2237)	1:45:A:LEU:HD12	1:83:A:GLN:HA	9	0.21
(1,2237)	1:45:A:LEU:HD13	1:83:A:GLN:HA	9	0.21
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD11	4	0.21
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD12	4	0.21
(1,2161)	1:85:A:ILE:HG21	1:96:A:LEU:HD13	4	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD11	4	0.21
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD12	4	0.21
(1,2161)	1:85:A:ILE:HG22	1:96:A:LEU:HD13	4	0.21
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD11	4	0.21
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD12	4	0.21
(1,2161)	1:85:A:ILE:HG23	1:96:A:LEU:HD13	4	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	12	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	12	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	12	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	12	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	12	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	12	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	14	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	14	0.21
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	14	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	14	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	14	0.21
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	14	0.21
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	12	0.21
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	12	0.21
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	18	0.21
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	18	0.21
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	18	0.21
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	18	0.21
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	18	0.21
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	18	0.21
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	11	0.21
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	11	0.21
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	11	0.21
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	11	0.21
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	11	0.21
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	11	0.21
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	11	0.21
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	11	0.21
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	11	0.21
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	20	0.21
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	20	0.21
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	20	0.21
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	19	0.21
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	19	0.21
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	19	0.21
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	5	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	5	0.21
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	5	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	5	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	5	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	5	0.21
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	17	0.21
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	17	0.21
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	17	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	17	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	17	0.21
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	17	0.21
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	13	0.21
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	13	0.21
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	13	0.21
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	20	0.21
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	20	0.21
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	20	0.21
(1,1668)	1:132:A:GLY:H	1:183:A:LEU:HA	2	0.21
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	13	0.21
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	13	0.21
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	13	0.21
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	2	0.21
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	13	0.21
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	13	0.21
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	13	0.21
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	11	0.21
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	4	0.21
(1,1173)	1:132:A:GLY:H	1:183:A:LEU:HB3	5	0.21
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	2	0.21
(1,1151)	1:187:A:ARG:H	1:187:A:ARG:HD2	19	0.21
(1,1098)	1:176:A:ASP:H	1:176:A:ASP:HB3	8	0.21
(1,1079)	1:186:A:ILE:H	1:186:A:ILE:HB	7	0.21
(1,1079)	1:186:A:ILE:H	1:186:A:ILE:HB	16	0.21
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	11	0.21
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	11	0.21
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	11	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	3	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	3	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	3	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	8	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	8	0.21
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	8	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	9	0.21
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	6	0.21
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	6	0.21
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	6	0.21
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	6	0.21
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	17	0.21
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	17	0.21
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	17	0.21
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	17	0.21
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	14	0.21
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	14	0.21
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	14	0.21
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	14	0.21
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	14	0.21
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	14	0.21
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	14	0.21
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	14	0.21
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	14	0.21
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	14	0.21
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	14	0.21
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	14	0.21
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	2	0.21
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	2	0.21
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	14	0.21
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	14	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD11	2	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD12	2	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD13	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD11	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD12	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD13	2	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD21	2	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD22	2	0.21
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD23	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD21	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD22	2	0.21
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD23	2	0.21
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	5	0.21
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	5	0.21
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD11	6	0.21
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD12	6	0.21
(1,628)	1:96:A:LEU:HD21	1:97:A:ILE:HD13	6	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD11	6	0.21
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD12	6	0.21
(1,628)	1:96:A:LEU:HD22	1:97:A:ILE:HD13	6	0.21
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD11	6	0.21
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD12	6	0.21
(1,628)	1:96:A:LEU:HD23	1:97:A:ILE:HD13	6	0.21
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	9	0.21
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	9	0.21
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	9	0.21
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	9	0.21
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	9	0.21
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	9	0.21
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	9	0.21
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	9	0.21
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	9	0.21
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	13	0.21
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	13	0.21
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	13	0.21
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	15	0.21
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	15	0.21
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	15	0.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	9	0.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	9	0.21
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	9	0.21
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	4	0.21
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	4	0.21
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	4	0.21
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	6	0.21
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	2	0.21
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	2	0.21
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	2	0.21
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	16	0.21
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	16	0.21
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	16	0.21
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	4	0.21
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	13	0.21
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	14	0.21
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	8	0.21
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	8	0.21
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	17	0.21
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG3	13	0.21
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG3	13	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG3	13	0.21
(1,320)	1:94:A:LEU:HD11	1:171:A:LYS:HG2	13	0.21
(1,320)	1:94:A:LEU:HD12	1:171:A:LYS:HG2	13	0.21
(1,320)	1:94:A:LEU:HD13	1:171:A:LYS:HG2	13	0.21
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	18	0.21
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	17	0.21
(1,292)	1:64:A:ARG:HD2	1:65:A:THR:HB	15	0.21
(1,292)	1:64:A:ARG:HD3	1:65:A:THR:HB	15	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	7	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	7	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	7	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	18	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	18	0.21
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	18	0.21
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	19	0.21
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	15	0.21
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	15	0.21
(1,141)	1:83:A:GLN:HB2	1:83:A:GLN:HE22	8	0.21
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	5	0.21
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD21	13	0.21
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD22	13	0.21
(1,126)	1:182:A:LEU:H	1:182:A:LEU:HD23	13	0.21
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE2	19	0.21
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE3	19	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	9	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	9	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	9	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	9	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	9	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	9	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	9	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	9	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	9	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	14	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	14	0.21
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	14	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	14	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	14	0.21
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	14	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	14	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	14	0.21
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	14	0.21

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	19	0.2
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	19	0.2
(2,63)	1:9:A:ILE:H	1:179:A:ALA:HA	1	0.2
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	19	0.2
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	10	0.2
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	10	0.2
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	10	0.2
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	5	0.2
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	14	0.2
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	14	0.2
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	2	0.2
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	2	0.2
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	2	0.2
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	2	0.2
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	2	0.2
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	2	0.2
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	2	0.2
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	2	0.2
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	2	0.2
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	19	0.2
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	13	0.2
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	13	0.2
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	13	0.2
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	19	0.2
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	19	0.2
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	19	0.2
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	4	0.2
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	4	0.2
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	7	0.2
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD1	17	0.2
(1,2569)	1:160:A:LEU:HG	1:165:A:TYR:HD2	17	0.2
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	2	0.2
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	2	0.2
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	1	0.2
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	1	0.2
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	5	0.2
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	5	0.2
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD2	12	0.2
(1,2451)	1:169:A:VAL:HG21	1:171:A:LYS:HD3	12	0.2
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD2	12	0.2
(1,2451)	1:169:A:VAL:HG22	1:171:A:LYS:HD3	12	0.2
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD2	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2451)	1:169:A:VAL:HG23	1:171:A:LYS:HD3	12	0.2
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG2	19	0.2
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG2	19	0.2
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG2	19	0.2
(1,2438)	1:169:A:VAL:HG21	1:171:A:LYS:HG3	19	0.2
(1,2438)	1:169:A:VAL:HG22	1:171:A:LYS:HG3	19	0.2
(1,2438)	1:169:A:VAL:HG23	1:171:A:LYS:HG3	19	0.2
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	8	0.2
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	8	0.2
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	8	0.2
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	8	0.2
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	8	0.2
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	8	0.2
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD11	17	0.2
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD12	17	0.2
(1,2365)	1:9:A:ILE:HB	1:131:A:LEU:HD13	17	0.2
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	6	0.2
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	6	0.2
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	18	0.2
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	18	0.2
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	15	0.2
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	15	0.2
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	15	0.2
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	15	0.2
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	15	0.2
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	15	0.2
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	1	0.2
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	1	0.2
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	1	0.2
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	1	0.2
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	1	0.2
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	1	0.2
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	14	0.2
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	14	0.2
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	14	0.2
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG11	16	0.2
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG12	16	0.2
(1,1999)	1:54:A:ALA:HB1	1:58:A:VAL:HG13	16	0.2
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG11	16	0.2
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG12	16	0.2
(1,1999)	1:54:A:ALA:HB2	1:58:A:VAL:HG13	16	0.2
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG11	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG12	16	0.2
(1,1999)	1:54:A:ALA:HB3	1:58:A:VAL:HG13	16	0.2
(1,1968)	1:24:A:LEU:HD21	1:84:A:VAL:HG21	20	0.2
(1,1968)	1:24:A:LEU:HD21	1:84:A:VAL:HG22	20	0.2
(1,1968)	1:24:A:LEU:HD21	1:84:A:VAL:HG23	20	0.2
(1,1968)	1:24:A:LEU:HD22	1:84:A:VAL:HG21	20	0.2
(1,1968)	1:24:A:LEU:HD22	1:84:A:VAL:HG22	20	0.2
(1,1968)	1:24:A:LEU:HD22	1:84:A:VAL:HG23	20	0.2
(1,1968)	1:24:A:LEU:HD23	1:84:A:VAL:HG21	20	0.2
(1,1968)	1:24:A:LEU:HD23	1:84:A:VAL:HG22	20	0.2
(1,1968)	1:24:A:LEU:HD23	1:84:A:VAL:HG23	20	0.2
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG21	17	0.2
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG22	17	0.2
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG23	17	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG21	17	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG22	17	0.2
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG23	17	0.2
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	3	0.2
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	3	0.2
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	3	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	4	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	4	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	4	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	4	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	4	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	4	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	14	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	14	0.2
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	14	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	14	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	14	0.2
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	14	0.2
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	17	0.2
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	17	0.2
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	17	0.2
(1,1652)	1:31:A:GLU:HB2	1:33:A:PHE:H	11	0.2
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	17	0.2
(1,1538)	1:147:A:LEU:HD21	1:148:A:ILE:H	1	0.2
(1,1538)	1:147:A:LEU:HD22	1:148:A:ILE:H	1	0.2
(1,1538)	1:147:A:LEU:HD23	1:148:A:ILE:H	1	0.2
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	9	0.2
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	16	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1257)	1:184:A:GLN:H	1:185:A:MET:H	3	0.2
(1,1149)	1:187:A:ARG:H	1:187:A:ARG:HB2	16	0.2
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	7	0.2
(1,1009)	1:90:A:LYS:HB3	1:91:A:VAL:H	5	0.2
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	3	0.2
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	15	0.2
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	2	0.2
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	8	0.2
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	17	0.2
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	1	0.2
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	1	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	1	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	1	0.2
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	9	0.2
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	9	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	9	0.2
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	9	0.2
(1,744)	1:66:A:PHE:HE1	1:69:A:GLN:HE21	5	0.2
(1,744)	1:66:A:PHE:HE2	1:69:A:GLN:HE21	5	0.2
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	18	0.2
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	18	0.2
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	18	0.2
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	18	0.2
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	18	0.2
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	18	0.2
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	5	0.2
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	5	0.2
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	5	0.2
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	19	0.2
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	2	0.2
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	2	0.2
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	2	0.2
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	2	0.2
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	2	0.2
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	2	0.2
(1,672)	1:11:A:HIS:HE1	1:25:A:ASN:HA	6	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	13	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	13	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	13	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	13	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	13	0.2
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	13	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	8	0.2
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	8	0.2
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	8	0.2
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD1	11	0.2
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD2	11	0.2
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD1	11	0.2
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD2	11	0.2
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD1	11	0.2
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD2	11	0.2
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	13	0.2
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	13	0.2
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	13	0.2
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	13	0.2
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	13	0.2
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	13	0.2
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	13	0.2
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	13	0.2
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	13	0.2
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	2	0.2
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	2	0.2
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	2	0.2
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	16	0.2
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	16	0.2
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	16	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	1	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	1	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	1	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	5	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	5	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	5	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	6	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	6	0.2
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	6	0.2
(1,547)	1:9:A:ILE:HG21	1:179:A:ALA:HB1	6	0.2
(1,547)	1:9:A:ILE:HG21	1:179:A:ALA:HB2	6	0.2
(1,547)	1:9:A:ILE:HG21	1:179:A:ALA:HB3	6	0.2
(1,547)	1:9:A:ILE:HG22	1:179:A:ALA:HB1	6	0.2
(1,547)	1:9:A:ILE:HG22	1:179:A:ALA:HB2	6	0.2
(1,547)	1:9:A:ILE:HG22	1:179:A:ALA:HB3	6	0.2
(1,547)	1:9:A:ILE:HG23	1:179:A:ALA:HB1	6	0.2
(1,547)	1:9:A:ILE:HG23	1:179:A:ALA:HB2	6	0.2
(1,547)	1:9:A:ILE:HG23	1:179:A:ALA:HB3	6	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	1	0.2
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	10	0.2
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	20	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	7	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	7	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	7	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	7	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	7	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	7	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	7	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	7	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	7	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	17	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	17	0.2
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	17	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	17	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	17	0.2
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	17	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	17	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	17	0.2
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	17	0.2
(1,492)	1:38:A:LEU:HD11	1:85:A:ILE:HG13	17	0.2
(1,492)	1:38:A:LEU:HD12	1:85:A:ILE:HG13	17	0.2
(1,492)	1:38:A:LEU:HD13	1:85:A:ILE:HG13	17	0.2
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	17	0.2
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	17	0.2
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	17	0.2
(1,459)	1:183:A:LEU:HD21	1:185:A:MET:H	16	0.2
(1,459)	1:183:A:LEU:HD22	1:185:A:MET:H	16	0.2
(1,459)	1:183:A:LEU:HD23	1:185:A:MET:H	16	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	8	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	8	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	8	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	9	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	9	0.2
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	9	0.2
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	13	0.2
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	12	0.2
(1,413)	1:53:A:MET:HE1	1:65:A:THR:H	8	0.2
(1,413)	1:53:A:MET:HE2	1:65:A:THR:H	8	0.2
(1,413)	1:53:A:MET:HE3	1:65:A:THR:H	8	0.2
(1,377)	1:40:A:SER:H	1:40:A:SER:HB2	12	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	17	0.2
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	17	0.2
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	17	0.2
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	16	0.2
(1,250)	1:74:A:MET:HG3	1:76:A:ASP:H	8	0.2
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	9	0.2
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	5	0.2
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	5	0.2
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	5	0.2
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	17	0.2
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	17	0.2
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	17	0.2
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	9	0.2
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	9	0.2
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	8	0.2
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	8	0.2
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	8	0.2
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	3	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	2	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	2	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	2	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	2	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	2	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	2	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	2	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	2	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	2	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	3	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	3	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	3	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	3	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	3	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	3	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	3	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	3	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	3	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	19	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	19	0.2
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	19	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	19	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	19	0.2
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	19	0.2

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	19	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	19	0.2
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	19	0.2
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	17	0.19
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	17	0.19
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	17	0.19
(2,60)	1:51:A:MET:HG2	1:52:A:ARG:HG3	4	0.19
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	6	0.19
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	11	0.19
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	11	0.19
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	1	0.19
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	4	0.19
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	8	0.19
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	6	0.19
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	6	0.19
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	6	0.19
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	8	0.19
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	8	0.19
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	8	0.19
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	5	0.19
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	5	0.19
(1,2584)	1:39:A:SER:HB2	1:43:A:HIS:HE1	4	0.19
(1,2543)	1:32:A:TYR:HD2	1:33:A:PHE:HD2	16	0.19
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	18	0.19
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	18	0.19
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD21	18	0.19
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD22	18	0.19
(1,2513)	1:136:A:PHE:HE1	1:147:A:LEU:HD23	18	0.19
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD21	18	0.19
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD22	18	0.19
(1,2513)	1:136:A:PHE:HE2	1:147:A:LEU:HD23	18	0.19
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	15	0.19
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	15	0.19
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	20	0.19
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	20	0.19
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	20	0.19
(1,2448)	1:95:A:GLU:HG2	1:171:A:LYS:HE2	12	0.19
(1,2448)	1:95:A:GLU:HG3	1:171:A:LYS:HE2	12	0.19
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	10	0.19
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	10	0.19
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	10	0.19
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB1	11	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB2	11	0.19
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB3	11	0.19
(1,2277)	1:138:A:LEU:HD21	1:145:A:PRO:HG2	3	0.19
(1,2277)	1:138:A:LEU:HD22	1:145:A:PRO:HG2	3	0.19
(1,2277)	1:138:A:LEU:HD23	1:145:A:PRO:HG2	3	0.19
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE1	10	0.19
(1,2219)	1:28:A:LEU:HD21	1:32:A:TYR:HE2	10	0.19
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE1	10	0.19
(1,2219)	1:28:A:LEU:HD22	1:32:A:TYR:HE2	10	0.19
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE1	10	0.19
(1,2219)	1:28:A:LEU:HD23	1:32:A:TYR:HE2	10	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	1	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	1	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	1	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	15	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	15	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	15	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	19	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	19	0.19
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	19	0.19
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD11	7	0.19
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD12	7	0.19
(1,1885)	1:28:A:LEU:HD21	1:174:A:LEU:HD13	7	0.19
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD11	7	0.19
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD12	7	0.19
(1,1885)	1:28:A:LEU:HD22	1:174:A:LEU:HD13	7	0.19
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD11	7	0.19
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD12	7	0.19
(1,1885)	1:28:A:LEU:HD23	1:174:A:LEU:HD13	7	0.19
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	5	0.19
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	5	0.19
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	5	0.19
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	14	0.19
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	14	0.19
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	16	0.19
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	16	0.19
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	16	0.19
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	16	0.19
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	16	0.19
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	1	0.19
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	1	0.19
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	1	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	2	0.19
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	2	0.19
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	2	0.19
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	15	0.19
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	15	0.19
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	15	0.19
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	15	0.19
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	15	0.19
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	15	0.19
(1,1696)	1:84:A:VAL:HB	1:85:A:ILE:HD11	17	0.19
(1,1696)	1:84:A:VAL:HB	1:85:A:ILE:HD12	17	0.19
(1,1696)	1:84:A:VAL:HB	1:85:A:ILE:HD13	17	0.19
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	18	0.19
(1,1606)	1:52:A:ARG:HA	1:52:A:ARG:HE	6	0.19
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	15	0.19
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	14	0.19
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	14	0.19
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	14	0.19
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	12	0.19
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	15	0.19
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	4	0.19
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	4	0.19
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	4	0.19
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	4	0.19
(1,1305)	1:51:A:MET:HG2	1:52:A:ARG:H	11	0.19
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	11	0.19
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD1	10	0.19
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD2	10	0.19
(1,1249)	1:57:A:GLY:HA2	1:58:A:VAL:H	18	0.19
(1,1154)	1:29:A:GLN:HG2	1:30:A:GLY:H	5	0.19
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	16	0.19
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	16	0.19
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	16	0.19
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	15	0.19
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	15	0.19
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	15	0.19
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	3	0.19
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	4	0.19
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	15	0.19
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	17	0.19
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	17	0.19
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	17	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	7	0.19
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	1	0.19
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	17	0.19
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	17	0.19
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	17	0.19
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	11	0.19
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	11	0.19
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	11	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	11	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	11	0.19
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	11	0.19
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	18	0.19
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	18	0.19
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	11	0.19
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	11	0.19
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	11	0.19
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	12	0.19
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	12	0.19
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	14	0.19
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	14	0.19
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	14	0.19
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	14	0.19
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	14	0.19
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	14	0.19
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	14	0.19
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	14	0.19
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	14	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	2	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	2	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	2	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	17	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	17	0.19
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	17	0.19
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	15	0.19
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	15	0.19
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	15	0.19
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	15	0.19
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	15	0.19
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	15	0.19
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	15	0.19
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	15	0.19
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	15	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	20	0.19
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	20	0.19
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	20	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	3	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	3	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	3	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	8	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	8	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	8	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	13	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	13	0.19
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	13	0.19
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	3	0.19
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	3	0.19
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	3	0.19
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	3	0.19
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	3	0.19
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	3	0.19
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	3	0.19
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	3	0.19
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	3	0.19
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	4	0.19
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	4	0.19
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	4	0.19
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	16	0.19
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	18	0.19
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	18	0.19
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	18	0.19
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	18	0.19
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	18	0.19
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	18	0.19
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	18	0.19
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	18	0.19
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	18	0.19
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	5	0.19
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	7	0.19
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	20	0.19
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	20	0.19
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	20	0.19
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	1	0.19
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	20	0.19
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	20	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	3	0.19
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	15	0.19
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	1	0.19
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	1	0.19
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	12	0.19
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	12	0.19
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	9	0.19
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	9	0.19
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	9	0.19
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	10	0.19
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	10	0.19
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	16	0.19
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	16	0.19
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB2	19	0.19
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB3	19	0.19
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	14	0.19
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	14	0.19
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	14	0.19
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	19	0.19
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	19	0.19
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	19	0.19
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	3	0.19
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	4	0.19
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	13	0.19
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	20	0.19
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	1	0.19
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	1	0.19
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	1	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	1	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	1	0.19
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	1	0.19
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	20	0.19
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	20	0.19
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	20	0.19
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	12	0.19
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG21	18	0.19
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG22	18	0.19
(1,284)	1:96:A:LEU:HD11	1:118:A:ILE:HG23	18	0.19
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG21	18	0.19
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG22	18	0.19
(1,284)	1:96:A:LEU:HD12	1:118:A:ILE:HG23	18	0.19
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG21	18	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG22	18	0.19
(1,284)	1:96:A:LEU:HD13	1:118:A:ILE:HG23	18	0.19
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	1	0.19
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	17	0.19
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	20	0.19
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	20	0.19
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	20	0.19
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	14	0.19
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	14	0.19
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	14	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB2	1	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB3	1	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB2	6	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB3	6	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB2	9	0.19
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB3	9	0.19
(1,250)	1:74:A:MET:HG3	1:76:A:ASP:H	10	0.19
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	11	0.19
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	11	0.19
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	11	0.19
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	20	0.19
(1,233)	1:14:A:GLN:HE21	1:31:A:GLU:H	3	0.19
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	1	0.19
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	1	0.19
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	1	0.19
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	19	0.19
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	19	0.19
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	12	0.19
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	14	0.19
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	17	0.19
(1,131)	1:89:A:LEU:H	1:89:A:LEU:HG	13	0.19
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	17	0.19
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	17	0.19
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	17	0.19
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	17	0.19
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	17	0.19
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	17	0.19
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	17	0.19
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	17	0.19
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	17	0.19
(1,32)	1:21:A:GLN:HA	1:24:A:LEU:HG	5	0.19
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	20	0.19

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	20	0.19
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	20	0.19
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	20	0.19
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	20	0.19
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	20	0.19
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	20	0.19
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	20	0.19
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	20	0.19
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	20	0.18
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	20	0.18
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	13	0.18
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	13	0.18
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	13	0.18
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	11	0.18
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	19	0.18
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	19	0.18
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	19	0.18
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	16	0.18
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	16	0.18
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	16	0.18
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	16	0.18
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	16	0.18
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	16	0.18
(2,36)	1:90:A:LYS:HB2	1:94:A:LEU:H	10	0.18
(2,36)	1:90:A:LYS:HB2	1:94:A:LEU:H	13	0.18
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	10	0.18
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	10	0.18
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	10	0.18
(2,25)	1:148:A:ILE:HB	1:152:A:TYR:H	19	0.18
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	16	0.18
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	16	0.18
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	18	0.18
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	18	0.18
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	1	0.18
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	10	0.18
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	10	0.18
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	10	0.18
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	3	0.18
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	3	0.18
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	3	0.18
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	16	0.18
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	16	0.18
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	6	0.18
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	6	0.18
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	11	0.18
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	11	0.18
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	11	0.18
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	11	0.18
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	11	0.18
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	11	0.18
(1,2511)	1:128:A:VAL:HG21	1:135:A:TRP:HB3	4	0.18
(1,2511)	1:128:A:VAL:HG22	1:135:A:TRP:HB3	4	0.18
(1,2511)	1:128:A:VAL:HG23	1:135:A:TRP:HB3	4	0.18
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	6	0.18
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	19	0.18
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	19	0.18
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	19	0.18
(1,2253)	1:35:A:PRO:HA	1:38:A:LEU:HG	8	0.18
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	8	0.18
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	8	0.18
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	8	0.18
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	8	0.18
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	8	0.18
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	8	0.18
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	14	0.18
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	14	0.18
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	14	0.18
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	14	0.18
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	14	0.18
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	14	0.18
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	14	0.18
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	14	0.18
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	14	0.18
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD21	3	0.18
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD22	3	0.18
(1,2168)	1:27:A:LEU:HD21	1:89:A:LEU:HD23	3	0.18
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD21	3	0.18
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD22	3	0.18
(1,2168)	1:27:A:LEU:HD22	1:89:A:LEU:HD23	3	0.18
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD21	3	0.18
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD22	3	0.18
(1,2168)	1:27:A:LEU:HD23	1:89:A:LEU:HD23	3	0.18
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	8	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	18	0.18
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD11	18	0.18
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD12	18	0.18
(1,2005)	1:111:A:PRO:HA	1:157:A:LEU:HD13	18	0.18
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	5	0.18
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	5	0.18
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	5	0.18
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	5	0.18
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	5	0.18
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	5	0.18
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	5	0.18
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	5	0.18
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	5	0.18
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	5	0.18
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	5	0.18
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	5	0.18
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	3	0.18
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	3	0.18
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	8	0.18
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	8	0.18
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	8	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	8	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	8	0.18
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	8	0.18
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	18	0.18
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	18	0.18
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	18	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	18	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	18	0.18
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	18	0.18
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	10	0.18
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	10	0.18
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	10	0.18
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	1	0.18
(1,1559)	1:41:A:ILE:HB	1:43:A:HIS:H	20	0.18
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	13	0.18
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	8	0.18
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	2	0.18
(1,1257)	1:184:A:GLN:H	1:185:A:MET:H	7	0.18
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	15	0.18
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	15	0.18
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	15	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1174)	1:15:A:GLU:HB3	1:16:A:GLY:H	8	0.18
(1,1079)	1:186:A:ILE:H	1:186:A:ILE:HB	6	0.18
(1,1027)	1:73:A:ASN:HD22	1:74:A:MET:H	17	0.18
(1,1014)	1:121:A:TYR:H	1:124:A:HIS:H	4	0.18
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	9	0.18
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	9	0.18
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	9	0.18
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	7	0.18
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	4	0.18
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	4	0.18
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	4	0.18
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	5	0.18
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	11	0.18
(1,893)	1:100:A:ASN:HD22	1:165:A:TYR:H	11	0.18
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	19	0.18
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	19	0.18
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	19	0.18
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	5	0.18
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	5	0.18
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	5	0.18
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	5	0.18
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	5	0.18
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	13	0.18
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	13	0.18
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	13	0.18
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	13	0.18
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	13	0.18
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	13	0.18
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	15	0.18
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	15	0.18
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	15	0.18
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	15	0.18
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	15	0.18
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	15	0.18
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	4	0.18
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	4	0.18
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	4	0.18
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	4	0.18
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	4	0.18
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	4	0.18
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	3	0.18
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	3	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	3	0.18
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	3	0.18
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	3	0.18
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	3	0.18
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	3	0.18
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	3	0.18
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD11	12	0.18
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD12	12	0.18
(1,650)	1:173:A:ASP:HA	1:174:A:LEU:HD13	12	0.18
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	8	0.18
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	10	0.18
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	10	0.18
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	10	0.18
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	8	0.18
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	8	0.18
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	8	0.18
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	8	0.18
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	8	0.18
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	8	0.18
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	8	0.18
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	8	0.18
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	8	0.18
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG11	3	0.18
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG12	3	0.18
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG13	3	0.18
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG11	3	0.18
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG12	3	0.18
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG13	3	0.18
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG11	3	0.18
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG12	3	0.18
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG13	3	0.18
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	6	0.18
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	6	0.18
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	6	0.18
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	6	0.18
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	6	0.18
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	6	0.18
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	6	0.18
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	6	0.18
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	6	0.18
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	4	0.18
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	4	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	4	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	4	0.18
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	4	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	4	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	4	0.18
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	4	0.18
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG21	16	0.18
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG22	16	0.18
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG23	16	0.18
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG21	16	0.18
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG22	16	0.18
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG23	16	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	4	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	4	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	4	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	6	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	6	0.18
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	6	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	11	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	11	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	11	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	16	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	16	0.18
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	16	0.18
(1,546)	1:177:A:CYS:HA	1:178:A:GLU:HB2	6	0.18
(1,546)	1:177:A:CYS:HA	1:178:A:GLU:HB3	6	0.18
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	5	0.18
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	5	0.18
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	5	0.18
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	5	0.18
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	5	0.18
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	5	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	9	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	9	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	9	0.18
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	9	0.18
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	9	0.18
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	9	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	16	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	16	0.18
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	16	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	16	0.18
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	16	0.18
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	16	0.18
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	8	0.18
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	15	0.18
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	19	0.18
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	19	0.18
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	19	0.18
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	6	0.18
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	19	0.18
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	19	0.18
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	19	0.18
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	6	0.18
(1,398)	1:122:A:LYS:H	1:122:A:LYS:HD3	15	0.18
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	13	0.18
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	13	0.18
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	13	0.18
(1,371)	1:112:A:ILE:HD11	1:151:A:THR:H	2	0.18
(1,371)	1:112:A:ILE:HD12	1:151:A:THR:H	2	0.18
(1,371)	1:112:A:ILE:HD13	1:151:A:THR:H	2	0.18
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG21	8	0.18
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG22	8	0.18
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG23	8	0.18
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	11	0.18
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	11	0.18
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	11	0.18
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	13	0.18
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	15	0.18
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	12	0.18
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	12	0.18
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB2	15	0.18
(1,317)	1:76:A:ASP:HB2	1:77:A:SER:HB3	15	0.18
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	2	0.18
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	19	0.18
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	19	0.18
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	19	0.18
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	19	0.18
(1,301)	1:14:A:GLN:HE21	1:31:A:GLU:HA	19	0.18
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	5	0.18
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	5	0.18
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	5	0.18
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	10	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	10	0.18
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	10	0.18
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	18	0.18
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	18	0.18
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	18	0.18
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG2	18	0.18
(1,264)	1:160:A:LEU:HD21	1:163:A:GLU:HG3	18	0.18
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG2	18	0.18
(1,264)	1:160:A:LEU:HD22	1:163:A:GLU:HG3	18	0.18
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG2	18	0.18
(1,264)	1:160:A:LEU:HD23	1:163:A:GLU:HG3	18	0.18
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB2	8	0.18
(1,256)	1:3:A:LEU:H	1:3:A:LEU:HB3	8	0.18
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	10	0.18
(1,239)	1:25:A:ASN:HA	1:32:A:TYR:H	13	0.18
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	4	0.18
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	4	0.18
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	4	0.18
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	18	0.18
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	18	0.18
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	18	0.18
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	18	0.18
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	18	0.18
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	18	0.18
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	18	0.18
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	18	0.18
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	18	0.18
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	18	0.18
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	18	0.18
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	18	0.18
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	4	0.18
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	4	0.18
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	7	0.18
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	16	0.18
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE2	8	0.18
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE3	8	0.18
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE2	11	0.18
(1,122)	1:90:A:LYS:H	1:90:A:LYS:HE3	11	0.18
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	5	0.18
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	17	0.18
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	7	0.18
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	4	0.18

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	4	0.18
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	13	0.18
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	13	0.18
(1,44)	1:94:A:LEU:HD11	1:96:A:LEU:HB2	11	0.18
(1,44)	1:94:A:LEU:HD12	1:96:A:LEU:HB2	11	0.18
(1,44)	1:94:A:LEU:HD13	1:96:A:LEU:HB2	11	0.18
(1,42)	1:9:A:ILE:HD11	1:145:A:PRO:HG3	7	0.18
(1,42)	1:9:A:ILE:HD12	1:145:A:PRO:HG3	7	0.18
(1,42)	1:9:A:ILE:HD13	1:145:A:PRO:HG3	7	0.18
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	20	0.18
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	20	0.18
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	20	0.18
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	20	0.18
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	20	0.18
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	20	0.18
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	20	0.18
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	20	0.18
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	20	0.18
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	9	0.18
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	9	0.18
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	9	0.18
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD1	19	0.17
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD2	19	0.17
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD1	19	0.17
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD2	19	0.17
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	3	0.17
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	3	0.17
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	1	0.17
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	1	0.17
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	1	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	8	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	8	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	8	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD11	15	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD12	15	0.17
(2,62)	1:27:A:LEU:HB3	1:94:A:LEU:HD13	15	0.17
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	2	0.17
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	11	0.17
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	11	0.17
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	11	0.17
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	8	0.17
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	8	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	8	0.17
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	18	0.17
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	18	0.17
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	18	0.17
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	14	0.17
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	14	0.17
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	14	0.17
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	14	0.17
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	14	0.17
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	14	0.17
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	14	0.17
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	14	0.17
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	14	0.17
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	18	0.17
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	18	0.17
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	18	0.17
(2,18)	1:85:A:ILE:H	1:96:A:LEU:HB3	5	0.17
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	13	0.17
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	16	0.17
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	8	0.17
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	8	0.17
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	5	0.17
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	5	0.17
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	5	0.17
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	7	0.17
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	7	0.17
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	7	0.17
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	12	0.17
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	12	0.17
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	12	0.17
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	4	0.17
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	4	0.17
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	4	0.17
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	7	0.17
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	7	0.17
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	7	0.17
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	10	0.17
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	10	0.17
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	10	0.17
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	2	0.17
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	2	0.17
(1,2605)	1:118:A:ILE:HD11	1:168:A:PHE:HE1	19	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2605)	1:118:A:ILE:HD11	1:168:A:PHE:HE2	19	0.17
(1,2605)	1:118:A:ILE:HD12	1:168:A:PHE:HE1	19	0.17
(1,2605)	1:118:A:ILE:HD12	1:168:A:PHE:HE2	19	0.17
(1,2605)	1:118:A:ILE:HD13	1:168:A:PHE:HE1	19	0.17
(1,2605)	1:118:A:ILE:HD13	1:168:A:PHE:HE2	19	0.17
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	19	0.17
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	19	0.17
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD11	8	0.17
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD12	8	0.17
(1,2395)	1:35:A:PRO:HA	1:38:A:LEU:HD13	8	0.17
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	5	0.17
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	5	0.17
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	5	0.17
(1,2244)	1:11:A:HIS:HE1	1:31:A:GLU:HG2	10	0.17
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	6	0.17
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	6	0.17
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	6	0.17
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	6	0.17
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	6	0.17
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	6	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD21	8	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD22	8	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD23	8	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD21	20	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD22	20	0.17
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD23	20	0.17
(1,2165)	1:85:A:ILE:HG21	1:96:A:LEU:HD21	13	0.17
(1,2165)	1:85:A:ILE:HG21	1:96:A:LEU:HD22	13	0.17
(1,2165)	1:85:A:ILE:HG21	1:96:A:LEU:HD23	13	0.17
(1,2165)	1:85:A:ILE:HG22	1:96:A:LEU:HD21	13	0.17
(1,2165)	1:85:A:ILE:HG22	1:96:A:LEU:HD22	13	0.17
(1,2165)	1:85:A:ILE:HG22	1:96:A:LEU:HD23	13	0.17
(1,2165)	1:85:A:ILE:HG23	1:96:A:LEU:HD21	13	0.17
(1,2165)	1:85:A:ILE:HG23	1:96:A:LEU:HD22	13	0.17
(1,2165)	1:85:A:ILE:HG23	1:96:A:LEU:HD23	13	0.17
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	11	0.17
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	11	0.17
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	11	0.17
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD11	15	0.17
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD12	15	0.17
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD13	15	0.17
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	6	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	6	0.17
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	6	0.17
(1,2087)	1:9:A:ILE:HD11	1:136:A:PHE:HE1	10	0.17
(1,2087)	1:9:A:ILE:HD11	1:136:A:PHE:HE2	10	0.17
(1,2087)	1:9:A:ILE:HD12	1:136:A:PHE:HE1	10	0.17
(1,2087)	1:9:A:ILE:HD12	1:136:A:PHE:HE2	10	0.17
(1,2087)	1:9:A:ILE:HD13	1:136:A:PHE:HE1	10	0.17
(1,2087)	1:9:A:ILE:HD13	1:136:A:PHE:HE2	10	0.17
(1,2062)	1:20:A:ALA:HB1	1:125:A:TRP:HB2	3	0.17
(1,2062)	1:20:A:ALA:HB2	1:125:A:TRP:HB2	3	0.17
(1,2062)	1:20:A:ALA:HB3	1:125:A:TRP:HB2	3	0.17
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	3	0.17
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	3	0.17
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	3	0.17
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	3	0.17
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	3	0.17
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	3	0.17
(1,1985)	1:24:A:LEU:HD13	1:33:A:PHE:HE1	14	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	3	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	3	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	3	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	19	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	19	0.17
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	19	0.17
(1,1860)	1:166:A:SER:HA	1:167:A:ILE:HG12	11	0.17
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	15	0.17
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	15	0.17
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	9	0.17
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	9	0.17
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	9	0.17
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	9	0.17
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	9	0.17
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	9	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD21	20	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD22	20	0.17
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD23	20	0.17
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	5	0.17
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	5	0.17
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	10	0.17
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG2	15	0.17
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG3	15	0.17
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	16	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	11	0.17
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	11	0.17
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	11	0.17
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	8	0.17
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	16	0.17
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	16	0.17
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	16	0.17
(1,1240)	1:75:A:ASP:HB2	1:76:A:ASP:H	19	0.17
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	18	0.17
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	19	0.17
(1,1080)	1:186:A:ILE:H	1:186:A:ILE:HG21	12	0.17
(1,1080)	1:186:A:ILE:H	1:186:A:ILE:HG22	12	0.17
(1,1080)	1:186:A:ILE:H	1:186:A:ILE:HG23	12	0.17
(1,982)	1:80:A:PHE:HB2	1:84:A:VAL:H	8	0.17
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	4	0.17
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	12	0.17
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	15	0.17
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	15	0.17
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	15	0.17
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	13	0.17
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	13	0.17
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	13	0.17
(1,893)	1:100:A:ASN:HD22	1:165:A:TYR:H	15	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	2	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	2	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	2	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	10	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	10	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	10	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	18	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	18	0.17
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	18	0.17
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	14	0.17
(1,778)	1:120:A:ASN:HB2	1:166:A:SER:H	15	0.17
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	6	0.17
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	6	0.17
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	7	0.17
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	7	0.17
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	7	0.17
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	7	0.17
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	7	0.17
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB1	2	0.17
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB2	2	0.17
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB3	2	0.17
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD2	3	0.17
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD3	3	0.17
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD2	3	0.17
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD3	3	0.17
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	5	0.17
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	5	0.17
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	5	0.17
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	5	0.17
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	5	0.17
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	5	0.17
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD11	9	0.17
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD12	9	0.17
(1,667)	1:38:A:LEU:HD11	1:85:A:ILE:HD13	9	0.17
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD11	9	0.17
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD12	9	0.17
(1,667)	1:38:A:LEU:HD12	1:85:A:ILE:HD13	9	0.17
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD11	9	0.17
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD12	9	0.17
(1,667)	1:38:A:LEU:HD13	1:85:A:ILE:HD13	9	0.17
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	16	0.17
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	16	0.17
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	16	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	2	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	2	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	2	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	18	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	18	0.17
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	18	0.17
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	18	0.17
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	18	0.17
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	18	0.17
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD1	18	0.17
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD2	18	0.17
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	6	0.17
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	6	0.17
(1,578)	1:118:A:ILE:HG21	1:128:A:VAL:HB	10	0.17
(1,578)	1:118:A:ILE:HG22	1:128:A:VAL:HB	10	0.17
(1,578)	1:118:A:ILE:HG23	1:128:A:VAL:HB	10	0.17
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	7	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	7	0.17
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	7	0.17
(1,574)	1:109:A:ILE:HG21	1:113:A:ASN:HB2	8	0.17
(1,574)	1:109:A:ILE:HG22	1:113:A:ASN:HB2	8	0.17
(1,574)	1:109:A:ILE:HG23	1:113:A:ASN:HB2	8	0.17
(1,566)	1:42:A:ALA:HA	1:87:A:ASN:HB3	2	0.17
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	9	0.17
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	9	0.17
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	9	0.17
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	9	0.17
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	9	0.17
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	9	0.17
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	9	0.17
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	9	0.17
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	9	0.17
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	1	0.17
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	1	0.17
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	1	0.17
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	16	0.17
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	16	0.17
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	16	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	2	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	2	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	2	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	19	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	19	0.17
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	19	0.17
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	8	0.17
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	8	0.17
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	8	0.17
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	12	0.17
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	9	0.17
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	14	0.17
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	19	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	6	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	6	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	6	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	6	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	6	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	6	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	15	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	15	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	15	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	15	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	15	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	15	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	16	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	16	0.17
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	16	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	16	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	16	0.17
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	16	0.17
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	3	0.17
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	18	0.17
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	19	0.17
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	19	0.17
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	19	0.17
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	16	0.17
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	16	0.17
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	16	0.17
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	8	0.17
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	8	0.17
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	8	0.17
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	3	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	5	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	5	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	5	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	15	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	15	0.17
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	15	0.17
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	14	0.17
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	14	0.17
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	9	0.17
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	11	0.17
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	7	0.17
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	7	0.17
(1,389)	1:76:A:ASP:HB2	1:77:A:SER:H	19	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	1	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	1	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	1	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	15	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	15	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	15	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	20	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	20	0.17
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	20	0.17
(1,368)	1:103:A:GLU:HG2	1:104:A:TYR:H	12	0.17
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	12	0.17
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG2	19	0.17
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG3	19	0.17
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG2	19	0.17
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG3	19	0.17
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG2	19	0.17
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG3	19	0.17
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	8	0.17
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	8	0.17
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	8	0.17
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	8	0.17
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	8	0.17
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	8	0.17
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	8	0.17
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	8	0.17
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	8	0.17
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	12	0.17
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	12	0.17
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	12	0.17
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	20	0.17
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	20	0.17
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	3	0.17
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	9	0.17
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	9	0.17
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	9	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	10	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	10	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	10	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	15	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	15	0.17
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	15	0.17
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	6	0.17
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	6	0.17
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	6	0.17
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	8	0.17
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	8	0.17
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	8	0.17
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	12	0.17
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	12	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	12	0.17
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	15	0.17
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	15	0.17
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	15	0.17
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	15	0.17
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	8	0.17
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	18	0.17
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	18	0.17
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	20	0.17
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD11	9	0.17
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD12	9	0.17
(1,203)	1:26:A:ASN:HB2	1:27:A:LEU:HD13	9	0.17
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	18	0.17
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	18	0.17
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	18	0.17
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	13	0.17
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	13	0.17
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	2	0.17
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	5	0.17
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	15	0.17
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	7	0.17
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	7	0.17
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	11	0.17
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	11	0.17
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	6	0.17
(1,141)	1:83:A:GLN:HB2	1:83:A:GLN:HE22	6	0.17
(1,141)	1:83:A:GLN:HB2	1:83:A:GLN:HE22	7	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	2	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	3	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	4	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	6	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	7	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	8	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	9	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	11	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	13	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	14	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	15	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	16	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	18	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	19	0.17
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	20	0.17

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	1	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	1	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	1	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	7	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	7	0.17
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	7	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	4	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	4	0.17
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	4	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	4	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	4	0.17
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	4	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	4	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	4	0.17
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	4	0.17
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	19	0.17
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	19	0.17
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	19	0.17
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	2	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	2	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	4	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	4	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	13	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	13	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE1	19	0.16
(2,74)	1:58:A:VAL:HA	1:63:A:TYR:HE2	19	0.16
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	12	0.16
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	12	0.16
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	12	0.16
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	12	0.16
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	12	0.16
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	12	0.16
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	19	0.16
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	19	0.16
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	19	0.16
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	19	0.16
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	19	0.16
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	19	0.16
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	19	0.16
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	19	0.16
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	19	0.16
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	13	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	15	0.16
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	13	0.16
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	13	0.16
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	13	0.16
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	8	0.16
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	8	0.16
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	8	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	16	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	16	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	16	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	16	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	16	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	16	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	16	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	16	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	16	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	17	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	17	0.16
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	17	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	17	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	17	0.16
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	17	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	17	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	17	0.16
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	17	0.16
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	13	0.16
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	13	0.16
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	13	0.16
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	12	0.16
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	1	0.16
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	1	0.16
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	1	0.16
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	2	0.16
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	2	0.16
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	2	0.16
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	5	0.16
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	5	0.16
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	5	0.16
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	14	0.16
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	14	0.16
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	14	0.16
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	10	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	10	0.16
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	5	0.16
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	5	0.16
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	5	0.16
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	5	0.16
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	5	0.16
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	5	0.16
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	2	0.16
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	16	0.16
(1,2566)	1:63:A:TYR:HD1	1:64:A:ARG:HA	12	0.16
(1,2566)	1:63:A:TYR:HD2	1:64:A:ARG:HA	12	0.16
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD1	2	0.16
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD2	2	0.16
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	7	0.16
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	7	0.16
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	7	0.16
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	12	0.16
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	12	0.16
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	12	0.16
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE1	7	0.16
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE2	7	0.16
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE3	7	0.16
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE1	7	0.16
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE2	7	0.16
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE3	7	0.16
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE1	7	0.16
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE2	7	0.16
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE3	7	0.16
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	9	0.16
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	9	0.16
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	9	0.16
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	9	0.16
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	8	0.16
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB1	3	0.16
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB2	3	0.16
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB3	3	0.16
(1,2244)	1:11:A:HIS:HE1	1:31:A:GLU:HG2	16	0.16
(1,2227)	1:27:A:LEU:HB3	1:28:A:LEU:HD11	8	0.16
(1,2227)	1:27:A:LEU:HB3	1:28:A:LEU:HD12	8	0.16
(1,2227)	1:27:A:LEU:HB3	1:28:A:LEU:HD13	8	0.16
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	18	0.16
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	18	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	18	0.16
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	18	0.16
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	18	0.16
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	18	0.16
(1,2111)	1:67:A:LEU:HA	1:67:A:LEU:HG	15	0.16
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	14	0.16
(1,1975)	1:30:A:GLY:HA3	1:31:A:GLU:HB2	19	0.16
(1,1973)	1:147:A:LEU:H	1:147:A:LEU:HD21	11	0.16
(1,1973)	1:147:A:LEU:H	1:147:A:LEU:HD22	11	0.16
(1,1973)	1:147:A:LEU:H	1:147:A:LEU:HD23	11	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	11	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	11	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	11	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	12	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	12	0.16
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	12	0.16
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	3	0.16
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	3	0.16
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	3	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	3	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	3	0.16
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	3	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	14	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	14	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	14	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	15	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	15	0.16
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	15	0.16
(1,1860)	1:166:A:SER:HA	1:167:A:ILE:HG12	8	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD11	6	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD12	6	0.16
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD13	6	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD11	6	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD12	6	0.16
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD13	6	0.16
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	8	0.16
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	8	0.16
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	1	0.16
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	1	0.16
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	10	0.16
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	10	0.16
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	2	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	2	0.16
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	2	0.16
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	2	0.16
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	2	0.16
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	2	0.16
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	16	0.16
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	16	0.16
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	16	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	3	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	3	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	3	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	3	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	3	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	3	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	11	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	11	0.16
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	11	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	11	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	11	0.16
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	11	0.16
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD21	6	0.16
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD22	6	0.16
(1,1755)	1:135:A:TRP:HD1	1:153:A:LEU:HD23	6	0.16
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	10	0.16
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	10	0.16
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	10	0.16
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	10	0.16
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	10	0.16
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	10	0.16
(1,1656)	1:17:A:SER:HB3	1:18:A:LEU:H	5	0.16
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	8	0.16
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	20	0.16
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	20	0.16
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	20	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG11	8	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG12	8	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG13	8	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG11	14	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG12	14	0.16
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG13	14	0.16
(1,1466)	1:102:A:PRO:HA	1:105:A:GLN:HE22	20	0.16
(1,1453)	1:157:A:LEU:HB2	1:161:A:GLN:HE21	17	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	19	0.16
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	17	0.16
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	17	0.16
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	17	0.16
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD21	7	0.16
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD22	7	0.16
(1,1282)	1:34:A:SER:H	1:38:A:LEU:HD23	7	0.16
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG3	5	0.16
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG2	5	0.16
(1,1167)	1:116:A:SER:H	1:170:A:VAL:HG21	15	0.16
(1,1167)	1:116:A:SER:H	1:170:A:VAL:HG22	15	0.16
(1,1167)	1:116:A:SER:H	1:170:A:VAL:HG23	15	0.16
(1,1154)	1:29:A:GLN:HG2	1:30:A:GLY:H	15	0.16
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	7	0.16
(1,1081)	1:186:A:ILE:H	1:186:A:ILE:HG12	10	0.16
(1,1052)	1:131:A:LEU:HD11	1:132:A:GLY:H	13	0.16
(1,1052)	1:131:A:LEU:HD12	1:132:A:GLY:H	13	0.16
(1,1052)	1:131:A:LEU:HD13	1:132:A:GLY:H	13	0.16
(1,1046)	1:77:A:SER:H	1:78:A:GLY:HA3	10	0.16
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	3	0.16
(1,1028)	1:72:A:GLY:HA2	1:74:A:MET:H	11	0.16
(1,1014)	1:121:A:TYR:H	1:124:A:HIS:H	18	0.16
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	18	0.16
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	18	0.16
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	18	0.16
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	19	0.16
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	19	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	7	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	7	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	7	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	10	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	10	0.16
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	10	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	1	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	1	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	1	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	6	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	6	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	6	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	12	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	12	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	12	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	13	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	13	0.16
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	13	0.16
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	19	0.16
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	17	0.16
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	17	0.16
(1,760)	1:50:A:ARG:HD2	1:63:A:TYR:HE1	14	0.16
(1,760)	1:50:A:ARG:HD2	1:63:A:TYR:HE2	14	0.16
(1,760)	1:50:A:ARG:HD3	1:63:A:TYR:HE1	14	0.16
(1,760)	1:50:A:ARG:HD3	1:63:A:TYR:HE2	14	0.16
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	7	0.16
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	7	0.16
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	7	0.16
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	7	0.16
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	5	0.16
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	5	0.16
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	5	0.16
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	5	0.16
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	5	0.16
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	5	0.16
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	17	0.16
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	17	0.16
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	17	0.16
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	17	0.16
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	7	0.16
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	7	0.16
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	7	0.16
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	7	0.16
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	7	0.16
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	7	0.16
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	2	0.16
(1,713)	1:169:A:VAL:HG21	1:171:A:LYS:HE3	7	0.16
(1,713)	1:169:A:VAL:HG22	1:171:A:LYS:HE3	7	0.16
(1,713)	1:169:A:VAL:HG23	1:171:A:LYS:HE3	7	0.16
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	5	0.16
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	5	0.16
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	5	0.16
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	5	0.16
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	5	0.16
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	5	0.16
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	5	0.16
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	5	0.16
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	15	0.16
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	15	0.16
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	15	0.16
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	15	0.16
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	15	0.16
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	15	0.16
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	15	0.16
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	15	0.16
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	15	0.16
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	15	0.16
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	15	0.16
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	15	0.16
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	15	0.16
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	15	0.16
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	15	0.16
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	12	0.16
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	12	0.16
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	12	0.16
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	12	0.16
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	12	0.16
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	12	0.16
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	12	0.16
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	12	0.16
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	12	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	9	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	9	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	9	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	9	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	9	0.16
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	9	0.16
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	6	0.16
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	6	0.16
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	6	0.16
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	6	0.16
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	6	0.16
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	6	0.16
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	19	0.16
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	19	0.16
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	19	0.16
(1,624)	1:27:A:LEU:HD21	1:28:A:LEU:HA	5	0.16
(1,624)	1:27:A:LEU:HD22	1:28:A:LEU:HA	5	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,624)	1:27:A:LEU:HD23	1:28:A:LEU:HA	5	0.16
(1,624)	1:27:A:LEU:HD21	1:28:A:LEU:HA	10	0.16
(1,624)	1:27:A:LEU:HD22	1:28:A:LEU:HA	10	0.16
(1,624)	1:27:A:LEU:HD23	1:28:A:LEU:HA	10	0.16
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG11	6	0.16
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG12	6	0.16
(1,618)	1:89:A:LEU:HD11	1:170:A:VAL:HG13	6	0.16
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG11	6	0.16
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG12	6	0.16
(1,618)	1:89:A:LEU:HD12	1:170:A:VAL:HG13	6	0.16
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG11	6	0.16
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG12	6	0.16
(1,618)	1:89:A:LEU:HD13	1:170:A:VAL:HG13	6	0.16
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG21	17	0.16
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG22	17	0.16
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG23	17	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG21	17	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG22	17	0.16
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG23	17	0.16
(1,596)	1:59:A:THR:HA	1:60:A:SER:HB2	12	0.16
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	18	0.16
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	18	0.16
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	18	0.16
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	8	0.16
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	8	0.16
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	8	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	8	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	8	0.16
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	8	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	8	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	8	0.16
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	8	0.16
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	2	0.16
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	2	0.16
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	2	0.16
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	12	0.16
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	12	0.16
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	12	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	4	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	4	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	4	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	7	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	7	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	7	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	10	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	10	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	10	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	12	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	12	0.16
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	12	0.16
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	6	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	2	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	3	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	4	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	5	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	7	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	8	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	10	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	13	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	15	0.16
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	18	0.16
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	14	0.16
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	14	0.16
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	14	0.16
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	7	0.16
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	7	0.16
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	7	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	7	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	7	0.16
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	7	0.16
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	18	0.16
(1,494)	1:85:A:ILE:HG12	1:89:A:LEU:HD21	17	0.16
(1,494)	1:85:A:ILE:HG12	1:89:A:LEU:HD22	17	0.16
(1,494)	1:85:A:ILE:HG12	1:89:A:LEU:HD23	17	0.16
(1,491)	1:3:A:LEU:HD21	1:4:A:GLY:H	1	0.16
(1,491)	1:3:A:LEU:HD22	1:4:A:GLY:H	1	0.16
(1,491)	1:3:A:LEU:HD23	1:4:A:GLY:H	1	0.16
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	4	0.16
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	14	0.16
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	19	0.16
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	17	0.16
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	17	0.16
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	17	0.16
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	14	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	14	0.16
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	14	0.16
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	10	0.16
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	10	0.16
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	10	0.16
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	11	0.16
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	4	0.16
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	4	0.16
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	18	0.16
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	18	0.16
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	19	0.16
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	19	0.16
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	20	0.16
(1,430)	1:112:A:ILE:HB	1:114:A:GLU:H	9	0.16
(1,428)	1:112:A:ILE:HD11	1:114:A:GLU:H	7	0.16
(1,428)	1:112:A:ILE:HD12	1:114:A:GLU:H	7	0.16
(1,428)	1:112:A:ILE:HD13	1:114:A:GLU:H	7	0.16
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	5	0.16
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	20	0.16
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	11	0.16
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	11	0.16
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	18	0.16
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	18	0.16
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	5	0.16
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	5	0.16
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	6	0.16
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	6	0.16
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	20	0.16
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	20	0.16
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	20	0.16
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	13	0.16
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	13	0.16
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	13	0.16
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	11	0.16
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD21	9	0.16
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD22	9	0.16
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD23	9	0.16
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	1	0.16
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	1	0.16
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	1	0.16
(1,303)	1:14:A:GLN:HE21	1:31:A:GLU:HB3	5	0.16
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	15	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	15	0.16
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	16	0.16
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	16	0.16
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	18	0.16
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	18	0.16
(1,277)	1:111:A:PRO:HB2	1:117:A:PHE:HB3	14	0.16
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	14	0.16
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	14	0.16
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	14	0.16
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	6	0.16
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	6	0.16
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	6	0.16
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	10	0.16
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	3	0.16
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	13	0.16
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	13	0.16
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	13	0.16
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	17	0.16
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	17	0.16
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	17	0.16
(1,204)	1:158:A:ALA:HA	1:161:A:GLN:HE22	11	0.16
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	3	0.16
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	3	0.16
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	3	0.16
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	9	0.16
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	9	0.16
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	9	0.16
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	2	0.16
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	2	0.16
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	2	0.16
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	10	0.16
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	10	0.16
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	4	0.16
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	4	0.16
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	12	0.16
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	12	0.16
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	3	0.16
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	20	0.16
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	18	0.16
(1,153)	1:141:A:LEU:HD21	1:142:A:LEU:H	9	0.16
(1,153)	1:141:A:LEU:HD22	1:142:A:LEU:H	9	0.16
(1,153)	1:141:A:LEU:HD23	1:142:A:LEU:H	9	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	3	0.16
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	3	0.16
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	3	0.16
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	12	0.16
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	12	0.16
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	12	0.16
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	1	0.16
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	10	0.16
(1,119)	1:92:A:TRP:HB3	1:92:A:TRP:HE1	12	0.16
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	18	0.16
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	5	0.16
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	5	0.16
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD11	8	0.16
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD12	8	0.16
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD13	8	0.16
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD11	8	0.16
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD12	8	0.16
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD13	8	0.16
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD11	8	0.16
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD12	8	0.16
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD13	8	0.16
(1,32)	1:21:A:GLN:HA	1:24:A:LEU:HG	16	0.16
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD23	10	0.16
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD23	10	0.16
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD23	10	0.16
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD23	10	0.16
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD23	10	0.16
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD21	10	0.16
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD22	10	0.16
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD23	10	0.16
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	14	0.16
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	11	0.16

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	11	0.16
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	11	0.16
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	16	0.16
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	16	0.16
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	16	0.16
(2,89)	1:131:A:LEU:H	1:135:A:TRP:HE3	6	0.15
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	4	0.15
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	4	0.15
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	2	0.15
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	2	0.15
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	2	0.15
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	2	0.15
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	2	0.15
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	2	0.15
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	3	0.15
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	3	0.15
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	3	0.15
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	3	0.15
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	3	0.15
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	3	0.15
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	12	0.15
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	12	0.15
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	12	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	1	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	1	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	1	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	1	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	1	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	1	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	1	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	1	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	1	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	2	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	2	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	2	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	2	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	2	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	2	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	2	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	2	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	2	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	3	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	3	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	3	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	3	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	3	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	3	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	3	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	3	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	7	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	7	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	7	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	7	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	7	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	7	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	7	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	7	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	7	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	13	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	13	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	13	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	13	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	13	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	13	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	13	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	13	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	13	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	18	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	18	0.15
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	18	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	18	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	18	0.15
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	18	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	18	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	18	0.15
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	18	0.15
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	6	0.15
(2,49)	1:179:A:ALA:H	1:182:A:LEU:HB3	10	0.15
(2,44)	1:133:A:LYS:H	1:135:A:TRP:HA	19	0.15
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	14	0.15
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	14	0.15
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	14	0.15
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	20	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	4	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	4	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	4	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	4	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	4	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	4	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	4	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	4	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	4	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	5	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	5	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	5	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	5	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	5	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	5	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	5	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	5	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	5	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	8	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	8	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	8	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	8	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	8	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	8	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	8	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	8	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	8	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	13	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	13	0.15
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	13	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	13	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	13	0.15
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	13	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	13	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	13	0.15
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	13	0.15
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	5	0.15
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	5	0.15
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	5	0.15
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	4	0.15
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	4	0.15
(2,16)	1:118:A:ILE:HD11	1:128:A:VAL:HB	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,16)	1:118:A:ILE:HD12	1:128:A:VAL:HB	3	0.15
(2,16)	1:118:A:ILE:HD13	1:128:A:VAL:HB	3	0.15
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	14	0.15
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	14	0.15
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	14	0.15
(2,8)	1:118:A:ILE:HB	1:126:A:PHE:H	20	0.15
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	11	0.15
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	11	0.15
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	11	0.15
(1,2628)	1:85:A:ILE:HD11	1:125:A:TRP:HE3	12	0.15
(1,2628)	1:85:A:ILE:HD12	1:125:A:TRP:HE3	12	0.15
(1,2628)	1:85:A:ILE:HD13	1:125:A:TRP:HE3	12	0.15
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	3	0.15
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	3	0.15
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	12	0.15
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	12	0.15
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	13	0.15
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	13	0.15
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	14	0.15
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	14	0.15
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	16	0.15
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	16	0.15
(1,2585)	1:39:A:SER:HB2	1:43:A:HIS:HD2	11	0.15
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	12	0.15
(1,2540)	1:11:A:HIS:HE1	1:32:A:TYR:HE1	16	0.15
(1,2540)	1:11:A:HIS:HE1	1:32:A:TYR:HE2	16	0.15
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD21	17	0.15
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD22	17	0.15
(1,2515)	1:183:A:LEU:HA	1:183:A:LEU:HD23	17	0.15
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	17	0.15
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	17	0.15
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	17	0.15
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD11	19	0.15
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD12	19	0.15
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD13	19	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD11	19	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD12	19	0.15
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD13	19	0.15
(1,2373)	1:45:A:LEU:HD21	1:84:A:VAL:HA	9	0.15
(1,2373)	1:45:A:LEU:HD22	1:84:A:VAL:HA	9	0.15
(1,2373)	1:45:A:LEU:HD23	1:84:A:VAL:HA	9	0.15
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	17	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	4	0.15
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	4	0.15
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	4	0.15
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA2	20	0.15
(1,2260)	1:15:A:GLU:HB3	1:16:A:GLY:HA3	20	0.15
(1,2242)	1:11:A:HIS:HE1	1:31:A:GLU:HB3	6	0.15
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	20	0.15
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	20	0.15
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	20	0.15
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	20	0.15
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	20	0.15
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	20	0.15
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	3	0.15
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	3	0.15
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	3	0.15
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	4	0.15
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	4	0.15
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	4	0.15
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	18	0.15
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	18	0.15
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	18	0.15
(1,2148)	1:82:A:ILE:HG12	1:168:A:PHE:HZ	7	0.15
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	8	0.15
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	8	0.15
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	8	0.15
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB2	4	0.15
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB3	4	0.15
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB2	4	0.15
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB3	4	0.15
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB2	4	0.15
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB3	4	0.15
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG21	4	0.15
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG22	4	0.15
(1,1915)	1:150:A:ASP:HB2	1:151:A:THR:HG23	4	0.15
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG21	4	0.15
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG22	4	0.15
(1,1915)	1:150:A:ASP:HB3	1:151:A:THR:HG23	4	0.15
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	12	0.15
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	12	0.15
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	12	0.15
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	3	0.15
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	3	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	3	0.15
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	14	0.15
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	14	0.15
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	14	0.15
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	14	0.15
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	14	0.15
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	14	0.15
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	3	0.15
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	3	0.15
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	3	0.15
(1,1860)	1:166:A:SER:HA	1:167:A:ILE:HG12	3	0.15
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD11	16	0.15
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD12	16	0.15
(1,1857)	1:165:A:TYR:HB2	1:167:A:ILE:HD13	16	0.15
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD11	16	0.15
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD12	16	0.15
(1,1857)	1:165:A:TYR:HB3	1:167:A:ILE:HD13	16	0.15
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	13	0.15
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	13	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	6	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	6	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	7	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	7	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	20	0.15
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	20	0.15
(1,1824)	1:100:A:ASN:HD22	1:167:A:ILE:HD11	13	0.15
(1,1824)	1:100:A:ASN:HD22	1:167:A:ILE:HD12	13	0.15
(1,1824)	1:100:A:ASN:HD22	1:167:A:ILE:HD13	13	0.15
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	12	0.15
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	12	0.15
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	12	0.15
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	12	0.15
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	12	0.15
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	12	0.15
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD21	4	0.15
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD22	4	0.15
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD23	4	0.15
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD11	7	0.15
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD12	7	0.15
(1,1800)	1:111:A:PRO:HG2	1:157:A:LEU:HD13	7	0.15
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	10	0.15
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	10	0.15
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	13	0.15
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	13	0.15
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	13	0.15
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	13	0.15
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	13	0.15
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	13	0.15
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	19	0.15
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	19	0.15
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	19	0.15
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	14	0.15
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	14	0.15
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	14	0.15
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG2	9	0.15
(1,1729)	1:60:A:SER:HB2	1:61:A:GLU:HG3	9	0.15
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	15	0.15
(1,1649)	1:169:A:VAL:HG21	1:170:A:VAL:H	7	0.15
(1,1649)	1:169:A:VAL:HG22	1:170:A:VAL:H	7	0.15
(1,1649)	1:169:A:VAL:HG23	1:170:A:VAL:H	7	0.15
(1,1638)	1:45:A:LEU:HD11	1:83:A:GLN:HE21	14	0.15
(1,1638)	1:45:A:LEU:HD12	1:83:A:GLN:HE21	14	0.15
(1,1638)	1:45:A:LEU:HD13	1:83:A:GLN:HE21	14	0.15
(1,1633)	1:134:A:GLN:HE22	1:135:A:TRP:HE1	20	0.15
(1,1611)	1:13:A:LYS:H	1:13:A:LYS:HG3	5	0.15
(1,1590)	1:7:A:GLU:HG2	1:8:A:SER:H	8	0.15
(1,1590)	1:7:A:GLU:HG3	1:8:A:SER:H	8	0.15
(1,1559)	1:41:A:ILE:HB	1:43:A:HIS:H	13	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	3	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	3	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	3	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	5	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	5	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	5	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	8	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	8	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	8	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	16	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	16	0.15
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	16	0.15
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	2	0.15
(1,1411)	1:130:A:LYS:HG2	1:131:A:LEU:H	20	0.15
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	7	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1240)	1:75:A:ASP:HB2	1:76:A:ASP:H	10	0.15
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	2	0.15
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	3	0.15
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	19	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	3	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	3	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	3	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	20	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	20	0.15
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	20	0.15
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	10	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	1	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	1	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	1	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	4	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	4	0.15
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	4	0.15
(1,962)	1:120:A:ASN:HD22	1:121:A:TYR:H	4	0.15
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD11	14	0.15
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD12	14	0.15
(1,902)	1:174:A:LEU:H	1:174:A:LEU:HD13	14	0.15
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	10	0.15
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	13	0.15
(1,883)	1:163:A:GLU:H	1:164:A:GLY:HA2	19	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	5	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	5	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	5	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	7	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	7	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	7	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	14	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	14	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	14	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	16	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	16	0.15
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	16	0.15
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	4	0.15
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	5	0.15
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	1	0.15
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	1	0.15
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	11	0.15
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	11	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	11	0.15
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	11	0.15
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE1	10	0.15
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE2	10	0.15
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE1	10	0.15
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE2	10	0.15
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE1	10	0.15
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE2	10	0.15
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	10	0.15
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	10	0.15
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	10	0.15
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	10	0.15
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	10	0.15
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	10	0.15
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	5	0.15
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	5	0.15
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	5	0.15
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	5	0.15
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	18	0.15
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	18	0.15
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	18	0.15
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	18	0.15
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	18	0.15
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	18	0.15
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	19	0.15
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	19	0.15
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	19	0.15
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	19	0.15
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	19	0.15
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	19	0.15
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	17	0.15
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB1	7	0.15
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB2	7	0.15
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB3	7	0.15
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	4	0.15
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	4	0.15
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	4	0.15
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	4	0.15
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	4	0.15
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	4	0.15
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	4	0.15
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	4	0.15
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB2	3	0.15
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB3	3	0.15
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB2	3	0.15
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB3	3	0.15
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB2	3	0.15
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB3	3	0.15
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE1	8	0.15
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE2	8	0.15
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE1	8	0.15
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE2	8	0.15
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	19	0.15
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	19	0.15
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	19	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	3	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	3	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	3	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	3	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	3	0.15
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	3	0.15
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	8	0.15
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	8	0.15
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	8	0.15
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	8	0.15
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	8	0.15
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	8	0.15
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB1	9	0.15
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB2	9	0.15
(1,655)	1:52:A:ARG:HB2	1:54:A:ALA:HB3	9	0.15
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB1	9	0.15
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB2	9	0.15
(1,655)	1:52:A:ARG:HB3	1:54:A:ALA:HB3	9	0.15
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	5	0.15
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	5	0.15
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	5	0.15
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD21	17	0.15
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD22	17	0.15
(1,632)	1:24:A:LEU:H	1:28:A:LEU:HD23	17	0.15
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD1	20	0.15
(1,629)	1:20:A:ALA:HB1	1:80:A:PHE:HD2	20	0.15
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD1	20	0.15
(1,629)	1:20:A:ALA:HB2	1:80:A:PHE:HD2	20	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD1	20	0.15
(1,629)	1:20:A:ALA:HB3	1:80:A:PHE:HD2	20	0.15
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	1	0.15
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	1	0.15
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	1	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	1	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	1	0.15
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	1	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	1	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	1	0.15
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	1	0.15
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	19	0.15
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	19	0.15
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG21	10	0.15
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG22	10	0.15
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG23	10	0.15
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG21	10	0.15
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG22	10	0.15
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG23	10	0.15
(1,606)	1:82:A:ILE:HG21	1:125:A:TRP:HH2	17	0.15
(1,606)	1:82:A:ILE:HG22	1:125:A:TRP:HH2	17	0.15
(1,606)	1:82:A:ILE:HG23	1:125:A:TRP:HH2	17	0.15
(1,600)	1:65:A:THR:HG21	1:69:A:GLN:HG2	15	0.15
(1,600)	1:65:A:THR:HG21	1:69:A:GLN:HG3	15	0.15
(1,600)	1:65:A:THR:HG22	1:69:A:GLN:HG2	15	0.15
(1,600)	1:65:A:THR:HG22	1:69:A:GLN:HG3	15	0.15
(1,600)	1:65:A:THR:HG23	1:69:A:GLN:HG2	15	0.15
(1,600)	1:65:A:THR:HG23	1:69:A:GLN:HG3	15	0.15
(1,599)	1:61:A:GLU:HA	1:64:A:ARG:HB2	20	0.15
(1,599)	1:61:A:GLU:HA	1:64:A:ARG:HB3	20	0.15
(1,593)	1:50:A:ARG:HG3	1:51:A:MET:HG2	8	0.15
(1,578)	1:118:A:ILE:HG21	1:128:A:VAL:HB	11	0.15
(1,578)	1:118:A:ILE:HG22	1:128:A:VAL:HB	11	0.15
(1,578)	1:118:A:ILE:HG23	1:128:A:VAL:HB	11	0.15
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	14	0.15
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	14	0.15
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	14	0.15
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	10	0.15
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	10	0.15
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	10	0.15
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	10	0.15
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	10	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	10	0.15
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	10	0.15
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	10	0.15
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	10	0.15
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	9	0.15
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	9	0.15
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	9	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	14	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	14	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	14	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	18	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	18	0.15
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	18	0.15
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	18	0.15
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	18	0.15
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	18	0.15
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	2	0.15
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	2	0.15
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	2	0.15
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	2	0.15
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	2	0.15
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	2	0.15
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	2	0.15
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	2	0.15
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	2	0.15
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	5	0.15
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	5	0.15
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	5	0.15
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	1	0.15
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	6	0.15
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	12	0.15
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	16	0.15
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	20	0.15
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	16	0.15
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	16	0.15
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	16	0.15
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	16	0.15
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	16	0.15
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	16	0.15
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	16	0.15
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	16	0.15
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	16	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	11	0.15
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	11	0.15
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	11	0.15
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	20	0.15
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	20	0.15
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	20	0.15
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	20	0.15
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	20	0.15
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	20	0.15
(1,502)	1:184:A:GLN:HB3	1:185:A:MET:HA	7	0.15
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	11	0.15
(1,495)	1:87:A:ASN:HA	1:90:A:LYS:HB2	13	0.15
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	5	0.15
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	1	0.15
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	11	0.15
(1,482)	1:121:A:TYR:HE1	1:122:A:LYS:H	14	0.15
(1,482)	1:121:A:TYR:HE2	1:122:A:LYS:H	14	0.15
(1,472)	1:90:A:LYS:HD2	1:91:A:VAL:H	5	0.15
(1,472)	1:90:A:LYS:HD3	1:91:A:VAL:H	5	0.15
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD21	12	0.15
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD22	12	0.15
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD23	12	0.15
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	4	0.15
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	4	0.15
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	4	0.15
(1,460)	1:27:A:LEU:HD11	1:116:A:SER:H	16	0.15
(1,460)	1:27:A:LEU:HD12	1:116:A:SER:H	16	0.15
(1,460)	1:27:A:LEU:HD13	1:116:A:SER:H	16	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	4	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	4	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	4	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	10	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	10	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	10	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	11	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	11	0.15
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	11	0.15
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	7	0.15
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	8	0.15
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	8	0.15
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	13	0.15
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	13	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	16	0.15
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	19	0.15
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	9	0.15
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	11	0.15
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	14	0.15
(1,350)	1:112:A:ILE:HA	1:154:A:ALA:H	9	0.15
(1,329)	1:66:A:PHE:HE1	1:83:A:GLN:HB2	1	0.15
(1,329)	1:66:A:PHE:HE2	1:83:A:GLN:HB2	1	0.15
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	11	0.15
(1,307)	1:97:A:ILE:HB	1:101:A:SER:HB3	8	0.15
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	2	0.15
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	2	0.15
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	2	0.15
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	9	0.15
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	9	0.15
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	9	0.15
(1,304)	1:14:A:GLN:HE21	1:31:A:GLU:HG2	9	0.15
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	3	0.15
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	3	0.15
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD11	13	0.15
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD12	13	0.15
(1,297)	1:85:A:ILE:HA	1:96:A:LEU:HD13	13	0.15
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	9	0.15
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	9	0.15
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	9	0.15
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	15	0.15
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	15	0.15
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	15	0.15
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	20	0.15
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	20	0.15
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	20	0.15
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	3	0.15
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	3	0.15
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	3	0.15
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	19	0.15
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	19	0.15
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	19	0.15
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	3	0.15
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	18	0.15
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	11	0.15
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	12	0.15
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	4	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	8	0.15
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	19	0.15
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	19	0.15
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	13	0.15
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG21	5	0.15
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG22	5	0.15
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG23	5	0.15
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG21	5	0.15
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG22	5	0.15
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG23	5	0.15
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG21	5	0.15
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG22	5	0.15
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG23	5	0.15
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	10	0.15
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	10	0.15
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	10	0.15
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	10	0.15
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	10	0.15
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	10	0.15
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	20	0.15
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	20	0.15
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	20	0.15
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	20	0.15
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	20	0.15
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	20	0.15
(1,181)	1:75:A:ASP:HB3	1:76:A:ASP:H	19	0.15
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	13	0.15
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	13	0.15
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	18	0.15
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	18	0.15
(1,163)	1:118:A:ILE:HD11	1:119:A:CYS:H	11	0.15
(1,163)	1:118:A:ILE:HD12	1:119:A:CYS:H	11	0.15
(1,163)	1:118:A:ILE:HD13	1:119:A:CYS:H	11	0.15
(1,163)	1:118:A:ILE:HD11	1:119:A:CYS:H	15	0.15
(1,163)	1:118:A:ILE:HD12	1:119:A:CYS:H	15	0.15
(1,163)	1:118:A:ILE:HD13	1:119:A:CYS:H	15	0.15
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	12	0.15
(1,147)	1:98:A:LEU:HD11	1:169:A:VAL:H	18	0.15
(1,147)	1:98:A:LEU:HD12	1:169:A:VAL:H	18	0.15
(1,147)	1:98:A:LEU:HD13	1:169:A:VAL:H	18	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	1	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	1	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	1	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	10	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	10	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	10	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	11	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	11	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	11	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	17	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	17	0.15
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	17	0.15
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	2	0.15
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	2	0.15
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	9	0.15
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	9	0.15
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	18	0.15
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	18	0.15
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	18	0.15
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	18	0.15
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	18	0.15
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	18	0.15
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	18	0.15
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	18	0.15
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	18	0.15
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	12	0.15
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	12	0.15
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	12	0.15
(1,11)	1:158:A:ALA:HB1	1:162:A:GLN:HG2	10	0.15
(1,11)	1:158:A:ALA:HB1	1:162:A:GLN:HG3	10	0.15
(1,11)	1:158:A:ALA:HB2	1:162:A:GLN:HG2	10	0.15
(1,11)	1:158:A:ALA:HB2	1:162:A:GLN:HG3	10	0.15
(1,11)	1:158:A:ALA:HB3	1:162:A:GLN:HG2	10	0.15
(1,11)	1:158:A:ALA:HB3	1:162:A:GLN:HG3	10	0.15
(1,9)	1:111:A:PRO:HG3	1:157:A:LEU:HD21	14	0.15
(1,9)	1:111:A:PRO:HG3	1:157:A:LEU:HD22	14	0.15
(1,9)	1:111:A:PRO:HG3	1:157:A:LEU:HD23	14	0.15
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	6	0.15
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	6	0.15
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	6	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	6	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	6	0.15
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	6	0.15
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	6	0.15

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	6	0.15
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	6	0.15
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD1	17	0.14
(2,76)	1:163:A:GLU:HG2	1:165:A:TYR:HD2	17	0.14
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD1	17	0.14
(2,76)	1:163:A:GLU:HG3	1:165:A:TYR:HD2	17	0.14
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	7	0.14
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	7	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	8	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	8	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	8	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	8	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	8	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	8	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	8	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	8	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	8	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	12	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	12	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	12	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	12	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	12	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	12	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	12	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	12	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	12	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	20	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	20	0.14
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	20	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	20	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	20	0.14
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	20	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	20	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	20	0.14
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	20	0.14
(2,63)	1:9:A:ILE:H	1:179:A:ALA:HA	17	0.14
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	20	0.14
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	4	0.14
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	4	0.14
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	4	0.14
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	13	0.14
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	13	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	13	0.14
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	14	0.14
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	14	0.14
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	14	0.14
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	1	0.14
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	1	0.14
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	1	0.14
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	11	0.14
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	11	0.14
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	11	0.14
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	11	0.14
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	11	0.14
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	11	0.14
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	11	0.14
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	11	0.14
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	11	0.14
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	3	0.14
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	10	0.14
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	18	0.14
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	18	0.14
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	18	0.14
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	16	0.14
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	16	0.14
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	16	0.14
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD21	3	0.14
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD22	3	0.14
(2,2)	1:18:A:LEU:HD21	1:38:A:LEU:HD23	3	0.14
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD21	3	0.14
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD22	3	0.14
(2,2)	1:18:A:LEU:HD22	1:38:A:LEU:HD23	3	0.14
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD21	3	0.14
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD22	3	0.14
(2,2)	1:18:A:LEU:HD23	1:38:A:LEU:HD23	3	0.14
(1,2624)	1:41:A:ILE:HG21	1:43:A:HIS:HD2	19	0.14
(1,2624)	1:41:A:ILE:HG22	1:43:A:HIS:HD2	19	0.14
(1,2624)	1:41:A:ILE:HG23	1:43:A:HIS:HD2	19	0.14
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	1	0.14
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	1	0.14
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	20	0.14
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	20	0.14
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	4	0.14
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	5	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	5	0.14
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	3	0.14
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	3	0.14
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD1	9	0.14
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD2	9	0.14
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE1	15	0.14
(1,2538)	1:28:A:LEU:HB2	1:32:A:TYR:HE2	15	0.14
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	2	0.14
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	2	0.14
(1,2497)	1:6:A:MET:HE1	1:147:A:LEU:HG	14	0.14
(1,2497)	1:6:A:MET:HE2	1:147:A:LEU:HG	14	0.14
(1,2497)	1:6:A:MET:HE3	1:147:A:LEU:HG	14	0.14
(1,2482)	1:33:A:PHE:HD1	1:37:A:GLU:HG2	9	0.14
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	3	0.14
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	3	0.14
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	3	0.14
(1,2481)	1:36:A:VAL:HG21	1:37:A:GLU:HG2	8	0.14
(1,2481)	1:36:A:VAL:HG22	1:37:A:GLU:HG2	8	0.14
(1,2481)	1:36:A:VAL:HG23	1:37:A:GLU:HG2	8	0.14
(1,2471)	1:82:A:ILE:HG21	1:83:A:GLN:HG2	2	0.14
(1,2471)	1:82:A:ILE:HG22	1:83:A:GLN:HG2	2	0.14
(1,2471)	1:82:A:ILE:HG23	1:83:A:GLN:HG2	2	0.14
(1,2392)	1:53:A:MET:HE1	1:66:A:PHE:HB2	1	0.14
(1,2392)	1:53:A:MET:HE2	1:66:A:PHE:HB2	1	0.14
(1,2392)	1:53:A:MET:HE3	1:66:A:PHE:HB2	1	0.14
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD11	18	0.14
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD12	18	0.14
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD13	18	0.14
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD11	18	0.14
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD12	18	0.14
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD13	18	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD11	12	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD12	12	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD13	12	0.14
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD11	12	0.14
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD12	12	0.14
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD13	12	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD11	17	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD12	17	0.14
(1,2385)	1:66:A:PHE:HD1	1:67:A:LEU:HD13	17	0.14
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD11	17	0.14
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD12	17	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2385)	1:66:A:PHE:HD2	1:67:A:LEU:HD13	17	0.14
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	3	0.14
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG21	11	0.14
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG22	11	0.14
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG23	11	0.14
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG21	11	0.14
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG22	11	0.14
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG23	11	0.14
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG21	11	0.14
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG22	11	0.14
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG23	11	0.14
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	4	0.14
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	4	0.14
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	4	0.14
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	4	0.14
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	4	0.14
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	4	0.14
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	6	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	6	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	6	0.14
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	12	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	12	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	12	0.14
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	14	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	14	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	14	0.14
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	15	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	15	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	15	0.14
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	19	0.14
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	19	0.14
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	19	0.14
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	1	0.14
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	1	0.14
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	1	0.14
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	13	0.14
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	13	0.14
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	13	0.14
(1,2117)	1:74:A:MET:HB3	1:80:A:PHE:HD1	3	0.14
(1,2117)	1:74:A:MET:HB3	1:80:A:PHE:HD2	3	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	1	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	1	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	1	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	6	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	6	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	6	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	7	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	7	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	7	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	12	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	12	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	12	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	13	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	13	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	13	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	17	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	17	0.14
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	17	0.14
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	2	0.14
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	16	0.14
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	4	0.14
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	4	0.14
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	4	0.14
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	15	0.14
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	15	0.14
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	15	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	1	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	1	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	1	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	13	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	13	0.14
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	13	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	8	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	8	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	8	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	10	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	10	0.14
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	10	0.14
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	3	0.14
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	3	0.14
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	3	0.14
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	3	0.14
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	3	0.14
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	1	0.14
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	1	0.14
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	10	0.14
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	10	0.14
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	15	0.14
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	15	0.14
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	2	0.14
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	2	0.14
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	8	0.14
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	8	0.14
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	1	0.14
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	1	0.14
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	1	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	2	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	2	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	2	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	2	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	2	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	2	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	20	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	20	0.14
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	20	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	20	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	20	0.14
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	20	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	5	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	5	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	5	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	13	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	13	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	13	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	18	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	18	0.14
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	18	0.14
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	16	0.14
(1,1668)	1:132:A:GLY:H	1:183:A:LEU:HA	4	0.14
(1,1656)	1:17:A:SER:HB3	1:18:A:LEU:H	6	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	9	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	9	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	9	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	11	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	11	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	15	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	15	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	15	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	19	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	19	0.14
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	19	0.14
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	7	0.14
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG11	15	0.14
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG12	15	0.14
(1,1500)	1:55:A:GLU:H	1:58:A:VAL:HG13	15	0.14
(1,1482)	1:185:A:MET:H	1:186:A:ILE:HG12	20	0.14
(1,1417)	1:133:A:LYS:H	1:134:A:GLN:HG2	6	0.14
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	19	0.14
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	19	0.14
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	19	0.14
(1,1353)	1:109:A:ILE:H	1:109:A:ILE:HG12	12	0.14
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	16	0.14
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	5	0.14
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	5	0.14
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	5	0.14
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	9	0.14
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	4	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	8	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	8	0.14
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	8	0.14
(1,1165)	1:54:A:ALA:HB1	1:57:A:GLY:H	4	0.14
(1,1165)	1:54:A:ALA:HB2	1:57:A:GLY:H	4	0.14
(1,1165)	1:54:A:ALA:HB3	1:57:A:GLY:H	4	0.14
(1,1165)	1:54:A:ALA:HB1	1:57:A:GLY:H	20	0.14
(1,1165)	1:54:A:ALA:HB2	1:57:A:GLY:H	20	0.14
(1,1165)	1:54:A:ALA:HB3	1:57:A:GLY:H	20	0.14
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	14	0.14
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	17	0.14
(1,1075)	1:97:A:ILE:HD11	1:98:A:LEU:H	15	0.14
(1,1075)	1:97:A:ILE:HD12	1:98:A:LEU:H	15	0.14
(1,1075)	1:97:A:ILE:HD13	1:98:A:LEU:H	15	0.14
(1,1031)	1:71:A:SER:H	1:73:A:ASN:H	19	0.14
(1,1014)	1:121:A:TYR:H	1:124:A:HIS:H	10	0.14
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	7	0.14
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	7	0.14
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	20	0.14
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	20	0.14
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	20	0.14
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	10	0.14
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	10	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	9	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	9	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	9	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	12	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	12	0.14
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	12	0.14
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	20	0.14
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	6	0.14
(1,893)	1:100:A:ASN:HD22	1:165:A:TYR:H	13	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	3	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	3	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	3	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	8	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	8	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	8	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	9	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	9	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	9	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	15	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	15	0.14
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	15	0.14
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	9	0.14
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	16	0.14
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	14	0.14
(1,782)	1:98:A:LEU:HD11	1:168:A:PHE:H	16	0.14
(1,782)	1:98:A:LEU:HD12	1:168:A:PHE:H	16	0.14
(1,782)	1:98:A:LEU:HD13	1:168:A:PHE:H	16	0.14
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	10	0.14
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	10	0.14
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE1	7	0.14
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE2	7	0.14
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE1	7	0.14
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE2	7	0.14
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE1	7	0.14
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE2	7	0.14
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	7	0.14
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	7	0.14
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	7	0.14
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	7	0.14
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	7	0.14
(1,744)	1:66:A:PHE:HE1	1:69:A:GLN:HE21	9	0.14
(1,744)	1:66:A:PHE:HE2	1:69:A:GLN:HE21	9	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	5	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	5	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	5	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	5	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	5	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	5	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	13	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	13	0.14
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	13	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	13	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	13	0.14
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	13	0.14
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	10	0.14
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	10	0.14
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	10	0.14
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	12	0.14
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	12	0.14
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	12	0.14
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	8	0.14
(1,704)	1:13:A:LYS:HB2	1:31:A:GLU:HG2	6	0.14
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	16	0.14
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	16	0.14
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	16	0.14
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	16	0.14
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	16	0.14
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	16	0.14
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	17	0.14
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	17	0.14
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	17	0.14
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	4	0.14
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	4	0.14
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	4	0.14
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	4	0.14
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	4	0.14
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	4	0.14
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB2	2	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,684)	1:45:A:LEU:HD21	1:86:A:SER:HB3	2	0.14
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB2	2	0.14
(1,684)	1:45:A:LEU:HD22	1:86:A:SER:HB3	2	0.14
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB2	2	0.14
(1,684)	1:45:A:LEU:HD23	1:86:A:SER:HB3	2	0.14
(1,679)	1:72:A:GLY:HA3	1:74:A:MET:H	7	0.14
(1,676)	1:21:A:GLN:HG2	1:38:A:LEU:HA	18	0.14
(1,672)	1:11:A:HIS:HE1	1:25:A:ASN:HA	2	0.14
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	18	0.14
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	18	0.14
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	18	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	7	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	12	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	12	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	12	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	12	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	12	0.14
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	12	0.14
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	4	0.14
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	4	0.14
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	4	0.14
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	4	0.14
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	4	0.14
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	4	0.14
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD21	19	0.14
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD22	19	0.14
(1,653)	1:25:A:ASN:HA	1:28:A:LEU:HD23	19	0.14
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	12	0.14
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	12	0.14
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	12	0.14
(1,646)	1:100:A:ASN:HA	1:105:A:GLN:HG2	16	0.14
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	12	0.14
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	12	0.14
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	12	0.14
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	16	0.14
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	16	0.14
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	16	0.14
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	16	0.14
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	16	0.14
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	16	0.14
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	16	0.14
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	16	0.14
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD1	14	0.14
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD2	14	0.14
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	8	0.14
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	8	0.14
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	20	0.14
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	20	0.14
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	20	0.14
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	20	0.14
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	20	0.14
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	20	0.14
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	20	0.14
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	20	0.14
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	20	0.14
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	8	0.14
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	8	0.14
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	8	0.14
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	8	0.14
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	8	0.14
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	8	0.14
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	8	0.14
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	8	0.14
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	8	0.14
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG21	18	0.14
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG22	18	0.14
(1,611)	1:80:A:PHE:HD1	1:84:A:VAL:HG23	18	0.14
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG21	18	0.14
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG22	18	0.14
(1,611)	1:80:A:PHE:HD2	1:84:A:VAL:HG23	18	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	3	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	3	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	3	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	9	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	9	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	9	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	11	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	11	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	11	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG11	16	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG12	16	0.14
(1,577)	1:117:A:PHE:HA	1:128:A:VAL:HG13	16	0.14
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	7	0.14
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	7	0.14
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	7	0.14
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	7	0.14
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	7	0.14
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	7	0.14
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	7	0.14
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	7	0.14
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	7	0.14
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB1	7	0.14
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB2	7	0.14
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB3	7	0.14
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	4	0.14
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	4	0.14
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	4	0.14
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	18	0.14
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	18	0.14
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	18	0.14
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	20	0.14
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	20	0.14
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	20	0.14
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	15	0.14
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	15	0.14
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	15	0.14
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	17	0.14
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	17	0.14
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	17	0.14
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	20	0.14
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	20	0.14
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	20	0.14
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	14	0.14
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	14	0.14
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	14	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	4	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	4	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	4	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	4	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	4	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	4	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	4	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	4	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	4	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	14	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	14	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	14	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	14	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	14	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	14	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	14	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	14	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	14	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	17	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	17	0.14
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	17	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	17	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	17	0.14
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	17	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	17	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	17	0.14
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	17	0.14
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	13	0.14
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	11	0.14
(1,528)	1:159:A:GLN:HA	1:159:A:GLN:HG3	17	0.14
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	2	0.14
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	2	0.14
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	2	0.14
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	1	0.14
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	2	0.14
(1,486)	1:65:A:THR:H	1:67:A:LEU:HG	20	0.14
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	12	0.14
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	9	0.14
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	9	0.14
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	9	0.14
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	20	0.14
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	20	0.14
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	20	0.14
(1,458)	1:100:A:ASN:HB2	1:105:A:GLN:HE22	12	0.14
(1,446)	1:11:A:HIS:HE1	1:32:A:TYR:H	8	0.14
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	2	0.14
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	3	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	7	0.14
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	10	0.14
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	12	0.14
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	18	0.14
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	7	0.14
(1,397)	1:122:A:LYS:H	1:122:A:LYS:HE3	15	0.14
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD11	19	0.14
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD12	19	0.14
(1,391)	1:132:A:GLY:H	1:183:A:LEU:HD13	19	0.14
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	13	0.14
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	13	0.14
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	8	0.14
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	8	0.14
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	12	0.14
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	12	0.14
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	12	0.14
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	8	0.14
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	8	0.14
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	8	0.14
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB2	18	0.14
(1,358)	1:160:A:LEU:H	1:163:A:GLU:HB3	18	0.14
(1,348)	1:90:A:LYS:HA	1:94:A:LEU:H	18	0.14
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	8	0.14
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	8	0.14
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	8	0.14
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	1	0.14
(1,325)	1:24:A:LEU:HD21	1:85:A:ILE:H	8	0.14
(1,325)	1:24:A:LEU:HD22	1:85:A:ILE:H	8	0.14
(1,325)	1:24:A:LEU:HD23	1:85:A:ILE:H	8	0.14
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	7	0.14
(1,315)	1:57:A:GLY:HA3	1:58:A:VAL:HB	17	0.14
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG2	18	0.14
(1,313)	1:160:A:LEU:HD11	1:163:A:GLU:HG3	18	0.14
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG2	18	0.14
(1,313)	1:160:A:LEU:HD12	1:163:A:GLU:HG3	18	0.14
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG2	18	0.14
(1,313)	1:160:A:LEU:HD13	1:163:A:GLU:HG3	18	0.14
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	7	0.14
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	7	0.14
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	7	0.14
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	7	0.14
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	7	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	7	0.14
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	5	0.14
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	5	0.14
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	5	0.14
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	5	0.14
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	5	0.14
(1,277)	1:111:A:PRO:HB2	1:117:A:PHE:HB3	20	0.14
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	7	0.14
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	19	0.14
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	19	0.14
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	19	0.14
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	1	0.14
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	1	0.14
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	1	0.14
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	20	0.14
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	20	0.14
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	20	0.14
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	4	0.14
(1,239)	1:25:A:ASN:HA	1:32:A:TYR:H	7	0.14
(1,239)	1:25:A:ASN:HA	1:32:A:TYR:H	9	0.14
(1,239)	1:25:A:ASN:HA	1:32:A:TYR:H	20	0.14
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	8	0.14
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	15	0.14
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	15	0.14
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	15	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	7	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	7	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	7	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	14	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	14	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	14	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	18	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	18	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	18	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	20	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	20	0.14
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	20	0.14
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	13	0.14
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	15	0.14
(1,216)	1:118:A:ILE:HG12	1:168:A:PHE:HE1	14	0.14
(1,216)	1:118:A:ILE:HG12	1:168:A:PHE:HE2	14	0.14
(1,216)	1:118:A:ILE:HG13	1:168:A:PHE:HE1	14	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,216)	1:118:A:ILE:HG13	1:168:A:PHE:HE2	14	0.14
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	11	0.14
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	11	0.14
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	8	0.14
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	8	0.14
(1,165)	1:83:A:GLN:H	1:83:A:GLN:HE22	19	0.14
(1,161)	1:79:A:PHE:H	1:79:A:PHE:HE1	10	0.14
(1,161)	1:79:A:PHE:H	1:79:A:PHE:HE2	10	0.14
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	2	0.14
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	13	0.14
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	14	0.14
(1,153)	1:141:A:LEU:HD21	1:142:A:LEU:H	20	0.14
(1,153)	1:141:A:LEU:HD22	1:142:A:LEU:H	20	0.14
(1,153)	1:141:A:LEU:HD23	1:142:A:LEU:H	20	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	2	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	2	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	2	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	4	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	4	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	4	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	5	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	5	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	5	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	6	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	6	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	6	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	8	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	8	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	8	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	9	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	9	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	9	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	13	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	13	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	13	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	14	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	14	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	14	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	15	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	15	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	15	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	16	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	16	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	16	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	18	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	18	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	18	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG11	20	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG12	20	0.14
(1,142)	1:170:A:VAL:H	1:170:A:VAL:HG13	20	0.14
(1,134)	1:29:A:GLN:HG3	1:30:A:GLY:H	20	0.14
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	4	0.14
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	16	0.14
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	16	0.14
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	20	0.14
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	20	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	7	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	7	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	7	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	7	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	7	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	7	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	7	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	7	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	7	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	15	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	15	0.14
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	15	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	15	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	15	0.14
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	15	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	15	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	15	0.14
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	15	0.14
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG21	14	0.14
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG22	14	0.14
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG23	14	0.14
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG21	14	0.14
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG22	14	0.14
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG23	14	0.14
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG21	14	0.14
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG22	14	0.14
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG23	14	0.14
(1,20)	1:6:A:MET:HG2	1:6:A:MET:HE1	15	0.14

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,20)	1:6:A:MET:HG2	1:6:A:MET:HE2	15	0.14
(1,20)	1:6:A:MET:HG2	1:6:A:MET:HE3	15	0.14
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	4	0.14
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	4	0.14
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	4	0.14
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	17	0.14
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	17	0.14
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	17	0.14
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	5	0.14
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	5	0.14
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	5	0.14
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	5	0.14
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	5	0.14
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	5	0.14
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	5	0.14
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	5	0.14
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	5	0.14
(2,89)	1:131:A:LEU:H	1:135:A:TRP:HE3	14	0.13
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	8	0.13
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	8	0.13
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	7	0.13
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	7	0.13
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	7	0.13
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	7	0.13
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	7	0.13
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	7	0.13
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	13	0.13
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	13	0.13
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	4	0.13
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	4	0.13
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	4	0.13
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	7	0.13
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	7	0.13
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	7	0.13
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	16	0.13
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	16	0.13
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	16	0.13
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	10	0.13
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	10	0.13
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	10	0.13
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	10	0.13
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	10	0.13
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	10	0.13
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	10	0.13
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	10	0.13
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	16	0.13
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	18	0.13
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	10	0.13
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	5	0.13
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	15	0.13
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	15	0.13
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	15	0.13
(2,44)	1:133:A:LYS:H	1:135:A:TRP:HA	11	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	5	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	5	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	5	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	20	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	20	0.13
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	20	0.13
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	9	0.13
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	9	0.13
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	9	0.13
(2,36)	1:90:A:LYS:HB2	1:94:A:LEU:H	4	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	15	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	15	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	15	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	15	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	15	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	15	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	15	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	15	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	15	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	18	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	18	0.13
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	18	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	18	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	18	0.13
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	18	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	18	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	18	0.13
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	18	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	2	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	2	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	2	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	13	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	13	0.13
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	13	0.13
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	7	0.13
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	7	0.13
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	19	0.13
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	19	0.13
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	15	0.13
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	15	0.13
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	15	0.13
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	15	0.13
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	15	0.13
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	15	0.13
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	7	0.13
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	20	0.13
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	19	0.13
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	19	0.13
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	2	0.13
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	2	0.13
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	2	0.13
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	2	0.13
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	2	0.13
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	2	0.13
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	9	0.13
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	9	0.13
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	17	0.13
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	17	0.13
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE1	14	0.13
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE2	14	0.13
(1,2465)	1:42:A:ALA:HB1	1:74:A:MET:HE3	14	0.13
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE1	14	0.13
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE2	14	0.13
(1,2465)	1:42:A:ALA:HB2	1:74:A:MET:HE3	14	0.13
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE1	14	0.13
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE2	14	0.13
(1,2465)	1:42:A:ALA:HB3	1:74:A:MET:HE3	14	0.13
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE1	13	0.13
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE2	13	0.13
(1,2460)	1:38:A:LEU:HB2	1:74:A:MET:HE3	13	0.13
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB2	16	0.13
(1,2374)	1:45:A:LEU:HD11	1:86:A:SER:HB3	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB2	16	0.13
(1,2374)	1:45:A:LEU:HD12	1:86:A:SER:HB3	16	0.13
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB2	16	0.13
(1,2374)	1:45:A:LEU:HD13	1:86:A:SER:HB3	16	0.13
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	18	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	9	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	9	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	9	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	14	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	14	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	14	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	15	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	15	0.13
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	15	0.13
(1,2319)	1:38:A:LEU:HD21	1:85:A:ILE:HD11	11	0.13
(1,2319)	1:38:A:LEU:HD21	1:85:A:ILE:HD12	11	0.13
(1,2319)	1:38:A:LEU:HD21	1:85:A:ILE:HD13	11	0.13
(1,2319)	1:38:A:LEU:HD22	1:85:A:ILE:HD11	11	0.13
(1,2319)	1:38:A:LEU:HD22	1:85:A:ILE:HD12	11	0.13
(1,2319)	1:38:A:LEU:HD22	1:85:A:ILE:HD13	11	0.13
(1,2319)	1:38:A:LEU:HD23	1:85:A:ILE:HD11	11	0.13
(1,2319)	1:38:A:LEU:HD23	1:85:A:ILE:HD12	11	0.13
(1,2319)	1:38:A:LEU:HD23	1:85:A:ILE:HD13	11	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB1	9	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB2	9	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB3	9	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB1	12	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB2	12	0.13
(1,2294)	1:39:A:SER:HB3	1:42:A:ALA:HB3	12	0.13
(1,2251)	1:18:A:LEU:HD11	1:35:A:PRO:HA	2	0.13
(1,2251)	1:18:A:LEU:HD12	1:35:A:PRO:HA	2	0.13
(1,2251)	1:18:A:LEU:HD13	1:35:A:PRO:HA	2	0.13
(1,2251)	1:18:A:LEU:HD11	1:35:A:PRO:HA	3	0.13
(1,2251)	1:18:A:LEU:HD12	1:35:A:PRO:HA	3	0.13
(1,2251)	1:18:A:LEU:HD13	1:35:A:PRO:HA	3	0.13
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG2	19	0.13
(1,2226)	1:28:A:LEU:HD11	1:175:A:PRO:HG3	19	0.13
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG2	19	0.13
(1,2226)	1:28:A:LEU:HD12	1:175:A:PRO:HG3	19	0.13
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG2	19	0.13
(1,2226)	1:28:A:LEU:HD13	1:175:A:PRO:HG3	19	0.13
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD11	6	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD12	6	0.13
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD13	6	0.13
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG21	12	0.13
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG22	12	0.13
(1,2200)	1:96:A:LEU:HD21	1:170:A:VAL:HG23	12	0.13
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG21	12	0.13
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG22	12	0.13
(1,2200)	1:96:A:LEU:HD22	1:170:A:VAL:HG23	12	0.13
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG21	12	0.13
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG22	12	0.13
(1,2200)	1:96:A:LEU:HD23	1:170:A:VAL:HG23	12	0.13
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD21	11	0.13
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD22	11	0.13
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD23	11	0.13
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	5	0.13
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	5	0.13
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	5	0.13
(1,2152)	1:41:A:ILE:HB	1:84:A:VAL:HA	5	0.13
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	18	0.13
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	18	0.13
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	18	0.13
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	19	0.13
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	19	0.13
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	19	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	2	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	2	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	2	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	3	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	3	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	3	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	4	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	4	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	4	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	5	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	5	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	5	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	8	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	8	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	8	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	10	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	10	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	10	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	11	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	11	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	11	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	14	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	14	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	14	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	16	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	16	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	16	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	18	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	18	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	18	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	19	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	19	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	19	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	20	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	20	0.13
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	20	0.13
(1,2108)	1:66:A:PHE:HB2	1:67:A:LEU:HG	9	0.13
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	13	0.13
(1,2062)	1:20:A:ALA:HB1	1:125:A:TRP:HB2	15	0.13
(1,2062)	1:20:A:ALA:HB2	1:125:A:TRP:HB2	15	0.13
(1,2062)	1:20:A:ALA:HB3	1:125:A:TRP:HB2	15	0.13
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD11	2	0.13
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD12	2	0.13
(1,2049)	1:86:A:SER:HB2	1:96:A:LEU:HD13	2	0.13
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD11	2	0.13
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD12	2	0.13
(1,2049)	1:86:A:SER:HB3	1:96:A:LEU:HD13	2	0.13
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB2	13	0.13
(1,2017)	1:112:A:ILE:HD11	1:150:A:ASP:HB3	13	0.13
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB2	13	0.13
(1,2017)	1:112:A:ILE:HD12	1:150:A:ASP:HB3	13	0.13
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB2	13	0.13
(1,2017)	1:112:A:ILE:HD13	1:150:A:ASP:HB3	13	0.13
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	13	0.13
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	13	0.13
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	13	0.13
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD21	16	0.13
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD22	16	0.13
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD23	16	0.13
(1,1985)	1:24:A:LEU:HD11	1:33:A:PHE:HE2	20	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	13	0.13
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	13	0.13
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	13	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	13	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	13	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	13	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	13	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	13	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	13	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	15	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	15	0.13
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	15	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	15	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	15	0.13
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	15	0.13
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	16	0.13
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	16	0.13
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	16	0.13
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	16	0.13
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	16	0.13
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	16	0.13
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	3	0.13
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	3	0.13
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	7	0.13
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	7	0.13
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	14	0.13
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	14	0.13
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	4	0.13
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	4	0.13
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	4	0.13
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	19	0.13
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	19	0.13
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	19	0.13
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	19	0.13
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	19	0.13
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	19	0.13
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	19	0.13
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	19	0.13
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	19	0.13
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	9	0.13
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	9	0.13
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	9	0.13
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	9	0.13
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	9	0.13
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	9	0.13
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	9	0.13
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	9	0.13
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD21	1	0.13
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD22	1	0.13
(1,1786)	1:152:A:TYR:HE1	1:155:A:LEU:HD23	1	0.13
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD21	1	0.13
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD22	1	0.13
(1,1786)	1:152:A:TYR:HE2	1:155:A:LEU:HD23	1	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	1	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	1	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	1	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	2	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	2	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	2	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	17	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	17	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	17	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	20	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	20	0.13
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	20	0.13
(1,1675)	1:2:A:PRO:HA	1:3:A:LEU:H	9	0.13
(1,1668)	1:132:A:GLY:H	1:183:A:LEU:HA	16	0.13
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	6	0.13
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	16	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	1	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	1	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	1	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	4	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	4	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	4	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	7	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	7	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	7	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	12	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	12	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	12	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	18	0.13
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	18	0.13
(1,1528)	1:183:A:LEU:H	1:183:A:LEU:HD11	17	0.13
(1,1528)	1:183:A:LEU:H	1:183:A:LEU:HD12	17	0.13
(1,1528)	1:183:A:LEU:H	1:183:A:LEU:HD13	17	0.13
(1,1448)	1:41:A:ILE:HG21	1:87:A:ASN:HD21	15	0.13
(1,1448)	1:41:A:ILE:HG22	1:87:A:ASN:HD21	15	0.13
(1,1448)	1:41:A:ILE:HG23	1:87:A:ASN:HD21	15	0.13
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	1	0.13
(1,1363)	1:53:A:MET:HB3	1:54:A:ALA:H	14	0.13
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	20	0.13
(1,1257)	1:184:A:GLN:H	1:185:A:MET:H	11	0.13
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	8	0.13
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	8	0.13
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	8	0.13
(1,1213)	1:100:A:ASN:HD21	1:101:A:SER:H	5	0.13
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	13	0.13
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	17	0.13
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	20	0.13
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG11	12	0.13
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG12	12	0.13
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG13	12	0.13
(1,1154)	1:29:A:GLN:HG2	1:30:A:GLY:H	2	0.13
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	13	0.13
(1,996)	1:6:A:MET:H	1:7:A:GLU:HG2	15	0.13
(1,996)	1:6:A:MET:H	1:7:A:GLU:HG3	15	0.13
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD11	12	0.13
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD12	12	0.13
(1,995)	1:5:A:SER:H	1:182:A:LEU:HD13	12	0.13
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	11	0.13
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	11	0.13
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	16	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	5	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	5	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	5	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	6	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	6	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	6	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	8	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	8	0.13
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	8	0.13
(1,936)	1:21:A:GLN:HG2	1:38:A:LEU:H	2	0.13
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,897)	1:113:A:ASN:H	1:113:A:ASN:HD22	15	0.13
(1,883)	1:163:A:GLU:H	1:164:A:GLY:HA2	18	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	4	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	4	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	4	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD11	20	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD12	20	0.13
(1,867)	1:160:A:LEU:H	1:160:A:LEU:HD13	20	0.13
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	12	0.13
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	13	0.13
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE1	5	0.13
(1,761)	1:53:A:MET:H	1:63:A:TYR:HE2	5	0.13
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	12	0.13
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	12	0.13
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	12	0.13
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	12	0.13
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	1	0.13
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	1	0.13
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	1	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	1	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	1	0.13
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	1	0.13
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD2	6	0.13
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD3	6	0.13
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD2	6	0.13
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD3	6	0.13
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	6	0.13
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	6	0.13
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	6	0.13
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	6	0.13
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	6	0.13
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	6	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	6	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	6	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	6	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	6	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	6	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	6	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	6	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	6	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	6	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	9	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	9	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	9	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	9	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	9	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	9	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	9	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	9	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	9	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	14	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	14	0.13
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	14	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	14	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	14	0.13
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	14	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	14	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	14	0.13
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	14	0.13
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	8	0.13
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	8	0.13
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	8	0.13
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	8	0.13
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	8	0.13
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	8	0.13
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	8	0.13
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	8	0.13
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	8	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	1	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	1	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	1	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	1	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	1	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	1	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	6	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	6	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	6	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	6	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	6	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	6	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	20	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	20	0.13
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	20	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	20	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	20	0.13
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	20	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	2	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	2	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	2	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	2	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	2	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	2	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	2	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	2	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	2	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	4	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	4	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	4	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	4	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	4	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	4	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	4	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	4	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	4	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	19	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	19	0.13
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	19	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	19	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	19	0.13
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	19	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	19	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	19	0.13
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	19	0.13
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	19	0.13
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	19	0.13
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	19	0.13
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	5	0.13
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	5	0.13
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	5	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	19	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	19	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	19	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	19	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	19	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	19	0.13
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	19	0.13
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	19	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	20	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	20	0.13
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	20	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	20	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	20	0.13
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	20	0.13
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	20	0.13
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	20	0.13
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	20	0.13
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	11	0.13
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	11	0.13
(1,594)	1:51:A:MET:HG3	1:54:A:ALA:HB1	12	0.13
(1,594)	1:51:A:MET:HG3	1:54:A:ALA:HB2	12	0.13
(1,594)	1:51:A:MET:HG3	1:54:A:ALA:HB3	12	0.13
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	18	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	8	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	8	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	8	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	8	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	8	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	8	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	8	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	8	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	8	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	11	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	11	0.13
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	11	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	11	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	11	0.13
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	11	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	11	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	11	0.13
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	11	0.13
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	6	0.13
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	6	0.13
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	6	0.13
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	11	0.13
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	11	0.13
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	11	0.13
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	12	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	12	0.13
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	12	0.13
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	17	0.13
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	17	0.13
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	17	0.13
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	5	0.13
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	5	0.13
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	5	0.13
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	6	0.13
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	6	0.13
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	6	0.13
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	13	0.13
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	13	0.13
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	13	0.13
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	14	0.13
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	14	0.13
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	14	0.13
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG21	20	0.13
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG22	20	0.13
(1,552)	1:150:A:ASP:HA	1:151:A:THR:HG23	20	0.13
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	3	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	6	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	6	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	6	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	6	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	6	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	6	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	6	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	6	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	6	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	15	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	15	0.13
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	15	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	15	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	15	0.13
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	15	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	15	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	15	0.13
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	15	0.13
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	3	0.13
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	3	0.13
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	3	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD11	17	0.13
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD12	17	0.13
(1,540)	1:117:A:PHE:HB2	1:167:A:ILE:HD13	17	0.13
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	3	0.13
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB2	11	0.13
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB3	11	0.13
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB2	11	0.13
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB3	11	0.13
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB2	11	0.13
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB3	11	0.13
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	5	0.13
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	5	0.13
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	5	0.13
(1,507)	1:60:A:SER:HB2	1:64:A:ARG:HG3	10	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	3	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	3	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	3	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	3	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	3	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	3	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	4	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	4	0.13
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	4	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	4	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	4	0.13
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	4	0.13
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	8	0.13
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	9	0.13
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD11	5	0.13
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD12	5	0.13
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD13	5	0.13
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	18	0.13
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	18	0.13
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	18	0.13
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	3	0.13
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	3	0.13
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	12	0.13
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	12	0.13
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	4	0.13
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	8	0.13
(1,430)	1:112:A:ILE:HB	1:114:A:GLU:H	1	0.13
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	18	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	18	0.13
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	18	0.13
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	10	0.13
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	10	0.13
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	10	0.13
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	12	0.13
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	12	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	14	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	14	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	14	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	18	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	18	0.13
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	18	0.13
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG21	16	0.13
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG22	16	0.13
(1,367)	1:104:A:TYR:H	1:109:A:ILE:HG23	16	0.13
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	3	0.13
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD21	17	0.13
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD22	17	0.13
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD23	17	0.13
(1,348)	1:90:A:LYS:HA	1:94:A:LEU:H	10	0.13
(1,348)	1:90:A:LYS:HA	1:94:A:LEU:H	13	0.13
(1,342)	1:98:A:LEU:HD21	1:168:A:PHE:H	17	0.13
(1,342)	1:98:A:LEU:HD22	1:168:A:PHE:H	17	0.13
(1,342)	1:98:A:LEU:HD23	1:168:A:PHE:H	17	0.13
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	9	0.13
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD21	2	0.13
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD22	2	0.13
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD23	2	0.13
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	3	0.13
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	3	0.13
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	3	0.13
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	3	0.13
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	3	0.13
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	3	0.13
(1,302)	1:99:A:PHE:HE1	1:158:A:ALA:HA	6	0.13
(1,302)	1:99:A:PHE:HE2	1:158:A:ALA:HA	6	0.13
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	9	0.13
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	19	0.13
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD21	16	0.13
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD22	16	0.13
(1,270)	1:5:A:SER:HB2	1:182:A:LEU:HD23	16	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	13	0.13
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	13	0.13
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	13	0.13
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	18	0.13
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	18	0.13
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	18	0.13
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	2	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	2	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	2	0.13
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	10	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	10	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	10	0.13
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	13	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	13	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	13	0.13
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	17	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	17	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	17	0.13
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	19	0.13
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	19	0.13
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	19	0.13
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	15	0.13
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	15	0.13
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	15	0.13
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	14	0.13
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	14	0.13
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	14	0.13
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	17	0.13
(1,240)	1:14:A:GLN:HE21	1:32:A:TYR:H	7	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	3	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	3	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	3	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	10	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	10	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	10	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	12	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	12	0.13
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	12	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	4	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	4	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	4	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	19	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	19	0.13
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	19	0.13
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	2	0.13
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	5	0.13
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	10	0.13
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	12	0.13
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	16	0.13
(1,219)	1:38:A:LEU:HA	1:40:A:SER:H	12	0.13
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD1	12	0.13
(1,211)	1:68:A:GLN:HB2	1:165:A:TYR:HD2	12	0.13
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	18	0.13
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	18	0.13
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	18	0.13
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	2	0.13
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	2	0.13
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	2	0.13
(1,197)	1:109:A:ILE:HA	1:113:A:ASN:HB3	15	0.13
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	8	0.13
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	8	0.13
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	8	0.13
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	2	0.13
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	2	0.13
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	14	0.13
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	14	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	1	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	1	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	11	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	11	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	17	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	17	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	20	0.13
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	20	0.13
(1,170)	1:52:A:ARG:H	1:52:A:ARG:HG2	10	0.13
(1,163)	1:118:A:ILE:HD11	1:119:A:CYS:H	14	0.13
(1,163)	1:118:A:ILE:HD12	1:119:A:CYS:H	14	0.13
(1,163)	1:118:A:ILE:HD13	1:119:A:CYS:H	14	0.13
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	5	0.13
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	7	0.13
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE21	14	0.13
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE22	14	0.13
(1,123)	1:98:A:LEU:HG	1:99:A:PHE:H	2	0.13
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	14	0.13

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	11	0.13
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	11	0.13
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	11	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	1	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	1	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	1	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	1	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	1	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	1	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	1	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	1	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	1	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	11	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	11	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	11	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	11	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	11	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	11	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	11	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	11	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	11	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	13	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	13	0.13
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	13	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	13	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	13	0.13
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	13	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	13	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	13	0.13
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	13	0.13
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	16	0.13
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	20	0.13
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	15	0.13
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	15	0.13
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	15	0.13
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	19	0.12
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	19	0.12
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD1	9	0.12
(2,72)	1:28:A:LEU:HD11	1:32:A:TYR:HD2	9	0.12
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD1	9	0.12
(2,72)	1:28:A:LEU:HD12	1:32:A:TYR:HD2	9	0.12
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD1	9	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,72)	1:28:A:LEU:HD13	1:32:A:TYR:HD2	9	0.12
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	11	0.12
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	11	0.12
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	11	0.12
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	2	0.12
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	8	0.12
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	6	0.12
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	6	0.12
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	6	0.12
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB1	15	0.12
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB2	15	0.12
(2,43)	1:11:A:HIS:H	1:179:A:ALA:HB3	15	0.12
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB1	6	0.12
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB2	6	0.12
(2,42)	1:135:A:TRP:HE1	1:154:A:ALA:HB3	6	0.12
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	6	0.12
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	6	0.12
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	6	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	12	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	12	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	12	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	12	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	12	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	12	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	12	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	12	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	12	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	19	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	19	0.12
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	19	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	19	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	19	0.12
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	19	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	19	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	19	0.12
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	19	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	14	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	14	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	14	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	17	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	17	0.12
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	17	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,21)	1:18:A:LEU:HB2	1:78:A:GLY:H	20	0.12
(2,21)	1:18:A:LEU:HB3	1:78:A:GLY:H	20	0.12
(2,16)	1:118:A:ILE:HD11	1:128:A:VAL:HB	5	0.12
(2,16)	1:118:A:ILE:HD12	1:128:A:VAL:HB	5	0.12
(2,16)	1:118:A:ILE:HD13	1:128:A:VAL:HB	5	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE1	3	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE2	3	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE1	7	0.12
(2,15)	1:111:A:PRO:HB2	1:117:A:PHE:HE2	7	0.12
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	3	0.12
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	3	0.12
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	3	0.12
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	13	0.12
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	13	0.12
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	13	0.12
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	9	0.12
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	10	0.12
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	4	0.12
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	4	0.12
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	4	0.12
(2,3)	1:54:A:ALA:HA	1:63:A:TYR:HB2	11	0.12
(2,3)	1:54:A:ALA:HA	1:63:A:TYR:HB3	11	0.12
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	8	0.12
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	8	0.12
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	3	0.12
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	3	0.12
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	3	0.12
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	3	0.12
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	3	0.12
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	3	0.12
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	9	0.12
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE1	14	0.12
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE2	14	0.12
(1,2582)	1:43:A:HIS:HE1	1:74:A:MET:HE3	14	0.12
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	17	0.12
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	17	0.12
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE1	18	0.12
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE2	18	0.12
(1,2555)	1:121:A:TYR:HE1	1:124:A:HIS:HB2	5	0.12
(1,2555)	1:121:A:TYR:HE2	1:124:A:HIS:HB2	5	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	3	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	4	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	4	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	6	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	6	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	12	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	12	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	13	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	13	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	14	0.12
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	14	0.12
(1,2471)	1:82:A:ILE:HG21	1:83:A:GLN:HG2	16	0.12
(1,2471)	1:82:A:ILE:HG22	1:83:A:GLN:HG2	16	0.12
(1,2471)	1:82:A:ILE:HG23	1:83:A:GLN:HG2	16	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD11	16	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD12	16	0.12
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD13	16	0.12
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD11	16	0.12
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD12	16	0.12
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD13	16	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	7	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	7	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	7	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	8	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	8	0.12
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	8	0.12
(1,2310)	1:11:A:HIS:HE1	1:12:A:GLU:HG2	18	0.12
(1,2307)	1:18:A:LEU:HD21	1:35:A:PRO:HG2	7	0.12
(1,2307)	1:18:A:LEU:HD22	1:35:A:PRO:HG2	7	0.12
(1,2307)	1:18:A:LEU:HD23	1:35:A:PRO:HG2	7	0.12
(1,2281)	1:6:A:MET:HE1	1:136:A:PHE:HA	17	0.12
(1,2281)	1:6:A:MET:HE2	1:136:A:PHE:HA	17	0.12
(1,2281)	1:6:A:MET:HE3	1:136:A:PHE:HA	17	0.12
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	16	0.12
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	16	0.12
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	16	0.12
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	16	0.12
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	16	0.12
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	16	0.12
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB2	19	0.12
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB2	19	0.12
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB2	19	0.12
(1,2275)	1:98:A:LEU:HD21	1:101:A:SER:HB3	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2275)	1:98:A:LEU:HD22	1:101:A:SER:HB3	19	0.12
(1,2275)	1:98:A:LEU:HD23	1:101:A:SER:HB3	19	0.12
(1,2253)	1:35:A:PRO:HA	1:38:A:LEU:HG	9	0.12
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE1	10	0.12
(1,2212)	1:18:A:LEU:HD21	1:80:A:PHE:HE2	10	0.12
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE1	10	0.12
(1,2212)	1:18:A:LEU:HD22	1:80:A:PHE:HE2	10	0.12
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE1	10	0.12
(1,2212)	1:18:A:LEU:HD23	1:80:A:PHE:HE2	10	0.12
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD21	5	0.12
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD22	5	0.12
(1,2167)	1:88:A:ALA:HB1	1:89:A:LEU:HD23	5	0.12
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD21	5	0.12
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD22	5	0.12
(1,2167)	1:88:A:ALA:HB2	1:89:A:LEU:HD23	5	0.12
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD21	5	0.12
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD22	5	0.12
(1,2167)	1:88:A:ALA:HB3	1:89:A:LEU:HD23	5	0.12
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	1	0.12
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	1	0.12
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	1	0.12
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	2	0.12
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	2	0.12
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	2	0.12
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	10	0.12
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	10	0.12
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	10	0.12
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD11	5	0.12
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD12	5	0.12
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD13	5	0.12
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD11	9	0.12
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD12	9	0.12
(1,2110)	1:67:A:LEU:HA	1:67:A:LEU:HD13	9	0.12
(1,2108)	1:66:A:PHE:HB2	1:67:A:LEU:HG	19	0.12
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	3	0.12
(1,2104)	1:65:A:THR:HB	1:66:A:PHE:HA	4	0.12
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	6	0.12
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	16	0.12
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	12	0.12
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	12	0.12
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	12	0.12
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	4	0.12
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	4	0.12
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	2	0.12
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	2	0.12
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	4	0.12
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	4	0.12
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	6	0.12
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	6	0.12
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	9	0.12
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	9	0.12
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	20	0.12
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	20	0.12
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	5	0.12
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	5	0.12
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	14	0.12
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	14	0.12
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	14	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	4	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	4	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	4	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	4	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	4	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	4	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	4	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	4	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	4	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	5	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	5	0.12
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	5	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	5	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	5	0.12
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	5	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	5	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	5	0.12
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	5	0.12
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD21	17	0.12
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD22	17	0.12
(1,1820)	1:156:A:PHE:HD1	1:157:A:LEU:HD23	17	0.12
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD21	17	0.12
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD22	17	0.12
(1,1820)	1:156:A:PHE:HD2	1:157:A:LEU:HD23	17	0.12
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD21	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD22	3	0.12
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD23	3	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	4	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	4	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	4	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	6	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	6	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	6	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	7	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	7	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	7	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	10	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	10	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	10	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	11	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	11	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	11	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	12	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	12	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	12	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	14	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	14	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	14	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	15	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	15	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	15	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	16	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	16	0.12
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	16	0.12
(1,1754)	1:33:A:PHE:HD1	1:38:A:LEU:HD22	4	0.12
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD21	15	0.12
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD22	15	0.12
(1,1753)	1:117:A:PHE:HE1	1:153:A:LEU:HD23	15	0.12
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD21	15	0.12
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD22	15	0.12
(1,1753)	1:117:A:PHE:HE2	1:153:A:LEU:HD23	15	0.12
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	12	0.12
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	12	0.12
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	12	0.12
(1,1688)	1:85:A:ILE:HA	1:86:A:SER:HB2	13	0.12
(1,1688)	1:85:A:ILE:HA	1:86:A:SER:HB3	13	0.12
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1675)	1:2:A:PRO:HA	1:3:A:LEU:H	8	0.12
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD21	16	0.12
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD22	16	0.12
(1,1667)	1:134:A:GLN:HE21	1:147:A:LEU:HD23	16	0.12
(1,1638)	1:45:A:LEU:HD11	1:83:A:GLN:HE21	6	0.12
(1,1638)	1:45:A:LEU:HD12	1:83:A:GLN:HE21	6	0.12
(1,1638)	1:45:A:LEU:HD13	1:83:A:GLN:HE21	6	0.12
(1,1637)	1:82:A:ILE:HG21	1:83:A:GLN:HE22	4	0.12
(1,1637)	1:82:A:ILE:HG22	1:83:A:GLN:HE22	4	0.12
(1,1637)	1:82:A:ILE:HG23	1:83:A:GLN:HE22	4	0.12
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	17	0.12
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	17	0.12
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	17	0.12
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	18	0.12
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG2	7	0.12
(1,1484)	1:184:A:GLN:H	1:184:A:GLN:HG3	7	0.12
(1,1476)	1:25:A:ASN:HD21	1:32:A:TYR:H	7	0.12
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD11	14	0.12
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD12	14	0.12
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD13	14	0.12
(1,1430)	1:100:A:ASN:HB2	1:161:A:GLN:HE22	6	0.12
(1,1363)	1:53:A:MET:HB3	1:54:A:ALA:H	9	0.12
(1,1363)	1:53:A:MET:HB3	1:54:A:ALA:H	16	0.12
(1,1336)	1:96:A:LEU:H	1:96:A:LEU:HD11	18	0.12
(1,1336)	1:96:A:LEU:H	1:96:A:LEU:HD12	18	0.12
(1,1336)	1:96:A:LEU:H	1:96:A:LEU:HD13	18	0.12
(1,1334)	1:45:A:LEU:HD21	1:87:A:ASN:H	19	0.12
(1,1334)	1:45:A:LEU:HD22	1:87:A:ASN:H	19	0.12
(1,1334)	1:45:A:LEU:HD23	1:87:A:ASN:H	19	0.12
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	18	0.12
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	10	0.12
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD1	17	0.12
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD2	17	0.12
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG3	4	0.12
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG2	4	0.12
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	8	0.12
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	8	0.12
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	9	0.12
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	9	0.12
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	11	0.12
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	11	0.12
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	19	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	19	0.12
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	19	0.12
(1,1203)	1:59:A:THR:H	1:62:A:ASP:HB2	15	0.12
(1,1203)	1:59:A:THR:H	1:62:A:ASP:HB3	15	0.12
(1,1165)	1:54:A:ALA:HB1	1:57:A:GLY:H	15	0.12
(1,1165)	1:54:A:ALA:HB2	1:57:A:GLY:H	15	0.12
(1,1165)	1:54:A:ALA:HB3	1:57:A:GLY:H	15	0.12
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	1	0.12
(1,1110)	1:118:A:ILE:H	1:168:A:PHE:HB3	14	0.12
(1,1079)	1:186:A:ILE:H	1:186:A:ILE:HB	17	0.12
(1,1039)	1:92:A:TRP:H	1:92:A:TRP:HE3	5	0.12
(1,1009)	1:90:A:LYS:HB3	1:91:A:VAL:H	10	0.12
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	1	0.12
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	1	0.12
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	2	0.12
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	2	0.12
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	12	0.12
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	12	0.12
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	2	0.12
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	20	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	1	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	1	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	1	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	3	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	3	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	3	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	7	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	7	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	7	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	14	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	14	0.12
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	14	0.12
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	11	0.12
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	1	0.12
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	2	0.12
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	6	0.12
(1,828)	1:153:A:LEU:H	1:156:A:PHE:HB2	7	0.12
(1,803)	1:94:A:LEU:HD21	1:173:A:ASP:H	10	0.12
(1,803)	1:94:A:LEU:HD22	1:173:A:ASP:H	10	0.12
(1,803)	1:94:A:LEU:HD23	1:173:A:ASP:H	10	0.12
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	2	0.12
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE1	5	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE2	5	0.12
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE1	5	0.12
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE2	5	0.12
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE1	5	0.12
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE2	5	0.12
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE1	20	0.12
(1,756)	1:20:A:ALA:HB1	1:79:A:PHE:HE2	20	0.12
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE1	20	0.12
(1,756)	1:20:A:ALA:HB2	1:79:A:PHE:HE2	20	0.12
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE1	20	0.12
(1,756)	1:20:A:ALA:HB3	1:79:A:PHE:HE2	20	0.12
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	12	0.12
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	12	0.12
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	12	0.12
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	12	0.12
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	12	0.12
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	12	0.12
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	1	0.12
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	1	0.12
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	1	0.12
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	1	0.12
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	14	0.12
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	14	0.12
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	14	0.12
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	14	0.12
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	14	0.12
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	14	0.12
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	19	0.12
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	19	0.12
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	19	0.12
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	19	0.12
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	19	0.12
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	19	0.12
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	7	0.12
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	7	0.12
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	7	0.12
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	13	0.12
(1,715)	1:171:A:LYS:HB3	1:171:A:LYS:HE3	5	0.12
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	8	0.12
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	8	0.12
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	8	0.12
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	8	0.12
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	8	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	10	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	10	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	10	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	18	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	18	0.12
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	18	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	3	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	3	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	3	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	3	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	3	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	3	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	3	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	3	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	3	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	13	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	13	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	13	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	13	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	13	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	13	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	13	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	13	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	13	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	17	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	17	0.12
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	17	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	17	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	17	0.12
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	17	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	17	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	17	0.12
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	17	0.12
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	4	0.12
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	4	0.12
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	4	0.12
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	4	0.12
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	4	0.12
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	4	0.12
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	4	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	4	0.12
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	4	0.12
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE1	4	0.12
(1,681)	1:18:A:LEU:HB2	1:80:A:PHE:HE2	4	0.12
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE1	4	0.12
(1,681)	1:18:A:LEU:HB3	1:80:A:PHE:HE2	4	0.12
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	3	0.12
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	3	0.12
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	3	0.12
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	3	0.12
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	3	0.12
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	3	0.12
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	3	0.12
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	3	0.12
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	3	0.12
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	11	0.12
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	11	0.12
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	11	0.12
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG21	2	0.12
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG22	2	0.12
(1,658)	1:117:A:PHE:HD1	1:170:A:VAL:HG23	2	0.12
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG21	2	0.12
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG22	2	0.12
(1,658)	1:117:A:PHE:HD2	1:170:A:VAL:HG23	2	0.12
(1,654)	1:36:A:VAL:HG21	1:39:A:SER:HB3	3	0.12
(1,654)	1:36:A:VAL:HG22	1:39:A:SER:HB3	3	0.12
(1,654)	1:36:A:VAL:HG23	1:39:A:SER:HB3	3	0.12
(1,651)	1:94:A:LEU:HB2	1:174:A:LEU:HA	17	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	4	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	4	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	4	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD21	9	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD22	9	0.12
(1,643)	1:8:A:SER:HA	1:182:A:LEU:HD23	9	0.12
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	3	0.12
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	3	0.12
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	3	0.12
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG21	13	0.12
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG22	13	0.12
(1,626)	1:96:A:LEU:HD21	1:118:A:ILE:HG23	13	0.12
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG21	13	0.12
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG22	13	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,626)	1:96:A:LEU:HD22	1:118:A:ILE:HG23	13	0.12
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG21	13	0.12
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG22	13	0.12
(1,626)	1:96:A:LEU:HD23	1:118:A:ILE:HG23	13	0.12
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD1	15	0.12
(1,625)	1:96:A:LEU:HB3	1:168:A:PHE:HD2	15	0.12
(1,624)	1:27:A:LEU:HD21	1:28:A:LEU:HA	14	0.12
(1,624)	1:27:A:LEU:HD22	1:28:A:LEU:HA	14	0.12
(1,624)	1:27:A:LEU:HD23	1:28:A:LEU:HA	14	0.12
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	19	0.12
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	19	0.12
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	19	0.12
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	19	0.12
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	19	0.12
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	19	0.12
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	19	0.12
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	19	0.12
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	19	0.12
(1,606)	1:82:A:ILE:HG21	1:125:A:TRP:HH2	14	0.12
(1,606)	1:82:A:ILE:HG22	1:125:A:TRP:HH2	14	0.12
(1,606)	1:82:A:ILE:HG23	1:125:A:TRP:HH2	14	0.12
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	5	0.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD11	19	0.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD12	19	0.12
(1,583)	1:119:A:CYS:HB3	1:141:A:LEU:HD13	19	0.12
(1,571)	1:54:A:ALA:HB1	1:58:A:VAL:HB	8	0.12
(1,571)	1:54:A:ALA:HB2	1:58:A:VAL:HB	8	0.12
(1,571)	1:54:A:ALA:HB3	1:58:A:VAL:HB	8	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	1	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	1	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	1	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	1	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	1	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	1	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	1	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	1	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	1	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	12	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	12	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	12	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	12	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	12	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	12	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	12	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	12	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	14	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	14	0.12
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	14	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	14	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	14	0.12
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	14	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	14	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	14	0.12
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	14	0.12
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB1	14	0.12
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB2	14	0.12
(1,567)	1:39:A:SER:HB2	1:42:A:ALA:HB3	14	0.12
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	14	0.12
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	14	0.12
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	14	0.12
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	19	0.12
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	19	0.12
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	19	0.12
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	9	0.12
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	9	0.12
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	9	0.12
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	10	0.12
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	10	0.12
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	10	0.12
(1,558)	1:118:A:ILE:HG21	1:125:A:TRP:HA	11	0.12
(1,558)	1:118:A:ILE:HG22	1:125:A:TRP:HA	11	0.12
(1,558)	1:118:A:ILE:HG23	1:125:A:TRP:HA	11	0.12
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG21	10	0.12
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG22	10	0.12
(1,555)	1:127:A:THR:HA	1:170:A:VAL:HG23	10	0.12
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	8	0.12
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	18	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	8	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	8	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	8	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	8	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	8	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	8	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	8	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	8	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	8	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	11	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	11	0.12
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	11	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	11	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	11	0.12
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	11	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	11	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	11	0.12
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	11	0.12
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	8	0.12
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	15	0.12
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD21	20	0.12
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD22	20	0.12
(1,505)	1:7:A:GLU:HB2	1:182:A:LEU:HD23	20	0.12
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD21	20	0.12
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD22	20	0.12
(1,505)	1:7:A:GLU:HB3	1:182:A:LEU:HD23	20	0.12
(1,491)	1:3:A:LEU:HD21	1:4:A:GLY:H	8	0.12
(1,491)	1:3:A:LEU:HD22	1:4:A:GLY:H	8	0.12
(1,491)	1:3:A:LEU:HD23	1:4:A:GLY:H	8	0.12
(1,491)	1:3:A:LEU:HD21	1:4:A:GLY:H	9	0.12
(1,491)	1:3:A:LEU:HD22	1:4:A:GLY:H	9	0.12
(1,491)	1:3:A:LEU:HD23	1:4:A:GLY:H	9	0.12
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	3	0.12
(1,485)	1:69:A:GLN:HE21	1:97:A:ILE:HD11	5	0.12
(1,485)	1:69:A:GLN:HE21	1:97:A:ILE:HD12	5	0.12
(1,485)	1:69:A:GLN:HE21	1:97:A:ILE:HD13	5	0.12
(1,485)	1:69:A:GLN:HE22	1:97:A:ILE:HD11	5	0.12
(1,485)	1:69:A:GLN:HE22	1:97:A:ILE:HD12	5	0.12
(1,485)	1:69:A:GLN:HE22	1:97:A:ILE:HD13	5	0.12
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	8	0.12
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	18	0.12
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	18	0.12
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	18	0.12
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD21	11	0.12
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD22	11	0.12
(1,467)	1:174:A:LEU:H	1:174:A:LEU:HD23	11	0.12
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	7	0.12
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	7	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	7	0.12
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	1	0.12
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	1	0.12
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	1	0.12
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	20	0.12
(1,452)	1:42:A:ALA:HA	1:87:A:ASN:HD22	11	0.12
(1,452)	1:42:A:ALA:HA	1:87:A:ASN:HD21	11	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	12	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	12	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	12	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	18	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	18	0.12
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	18	0.12
(1,441)	1:63:A:TYR:HD1	1:66:A:PHE:H	2	0.12
(1,441)	1:63:A:TYR:HD2	1:66:A:PHE:H	2	0.12
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	1	0.12
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	5	0.12
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	6	0.12
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	17	0.12
(1,436)	1:149:A:SER:H	1:151:A:THR:H	10	0.12
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	3	0.12
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	3	0.12
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	6	0.12
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	6	0.12
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	16	0.12
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	16	0.12
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	16	0.12
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	16	0.12
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	16	0.12
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	12	0.12
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	12	0.12
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	12	0.12
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	10	0.12
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	10	0.12
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE1	13	0.12
(1,396)	1:117:A:PHE:H	1:117:A:PHE:HE2	13	0.12
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	15	0.12
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	15	0.12
(1,371)	1:112:A:ILE:HD11	1:151:A:THR:H	18	0.12
(1,371)	1:112:A:ILE:HD12	1:151:A:THR:H	18	0.12
(1,371)	1:112:A:ILE:HD13	1:151:A:THR:H	18	0.12
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	12	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	15	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD21	11	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD22	11	0.12
(1,357)	1:160:A:LEU:H	1:160:A:LEU:HD23	11	0.12
(1,351)	1:154:A:ALA:H	1:156:A:PHE:HB2	11	0.12
(1,344)	1:170:A:VAL:HG11	1:172:A:GLY:H	1	0.12
(1,344)	1:170:A:VAL:HG12	1:172:A:GLY:H	1	0.12
(1,344)	1:170:A:VAL:HG13	1:172:A:GLY:H	1	0.12
(1,342)	1:98:A:LEU:HD21	1:168:A:PHE:H	16	0.12
(1,342)	1:98:A:LEU:HD22	1:168:A:PHE:H	16	0.12
(1,342)	1:98:A:LEU:HD23	1:168:A:PHE:H	16	0.12
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	3	0.12
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	6	0.12
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	19	0.12
(1,341)	1:106:A:ARG:H	1:107:A:LEU:HG	20	0.12
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	20	0.12
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD21	7	0.12
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD22	7	0.12
(1,312)	1:111:A:PRO:HB3	1:153:A:LEU:HD23	7	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	11	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	11	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	11	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	11	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	11	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	11	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	19	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	19	0.12
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	19	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	19	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	19	0.12
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	19	0.12
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	4	0.12
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	4	0.12
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	4	0.12
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	8	0.12
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	8	0.12
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	8	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	1	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	1	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	1	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	3	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	3	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	3	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	13	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	13	0.12
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	13	0.12
(1,254)	1:169:A:VAL:HG11	1:170:A:VAL:H	14	0.12
(1,254)	1:169:A:VAL:HG12	1:170:A:VAL:H	14	0.12
(1,254)	1:169:A:VAL:HG13	1:170:A:VAL:H	14	0.12
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	2	0.12
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	2	0.12
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	2	0.12
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	4	0.12
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	4	0.12
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	4	0.12
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD21	16	0.12
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD22	16	0.12
(1,224)	1:98:A:LEU:H	1:98:A:LEU:HD23	16	0.12
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	1	0.12
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	6	0.12
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	17	0.12
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	18	0.12
(1,222)	1:70:A:PRO:HD2	1:71:A:SER:H	20	0.12
(1,219)	1:38:A:LEU:HA	1:40:A:SER:H	3	0.12
(1,218)	1:153:A:LEU:HG	1:154:A:ALA:H	7	0.12
(1,217)	1:98:A:LEU:HD11	1:168:A:PHE:HE1	11	0.12
(1,217)	1:98:A:LEU:HD11	1:168:A:PHE:HE2	11	0.12
(1,217)	1:98:A:LEU:HD12	1:168:A:PHE:HE1	11	0.12
(1,217)	1:98:A:LEU:HD12	1:168:A:PHE:HE2	11	0.12
(1,217)	1:98:A:LEU:HD13	1:168:A:PHE:HE1	11	0.12
(1,217)	1:98:A:LEU:HD13	1:168:A:PHE:HE2	11	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	10	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	10	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	10	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	10	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	10	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	10	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	11	0.12
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	11	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	11	0.12
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	11	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	11	0.12
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	11	0.12
(1,204)	1:158:A:ALA:HA	1:161:A:GLN:HE22	15	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	1	0.12
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	1	0.12
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	1	0.12
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	20	0.12
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	20	0.12
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	20	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG21	7	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG22	7	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG23	7	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG21	7	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG22	7	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG23	7	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG21	7	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG22	7	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG23	7	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG21	14	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG22	14	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG23	14	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG21	14	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG22	14	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG23	14	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG21	14	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG22	14	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG23	14	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG21	19	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG22	19	0.12
(1,189)	1:20:A:ALA:HB1	1:127:A:THR:HG23	19	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG21	19	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG22	19	0.12
(1,189)	1:20:A:ALA:HB2	1:127:A:THR:HG23	19	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG21	19	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG22	19	0.12
(1,189)	1:20:A:ALA:HB3	1:127:A:THR:HG23	19	0.12
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	11	0.12
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	11	0.12
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	11	0.12
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	11	0.12
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	11	0.12
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	11	0.12
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	1	0.12
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	1	0.12
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	20	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	20	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	3	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	3	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	7	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	7	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	9	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	9	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	14	0.12
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	14	0.12
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD1	8	0.12
(1,158)	1:54:A:ALA:HA	1:63:A:TYR:HD2	8	0.12
(1,157)	1:24:A:LEU:H	1:24:A:LEU:HG	19	0.12
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE21	18	0.12
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE22	18	0.12
(1,113)	1:18:A:LEU:H	1:18:A:LEU:HG	5	0.12
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	6	0.12
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	6	0.12
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	6	0.12
(1,103)	1:58:A:VAL:H	1:60:A:SER:H	18	0.12
(1,86)	1:137:A:ASN:HB2	1:142:A:LEU:H	15	0.12
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	12	0.12
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	12	0.12
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	15	0.12
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	15	0.12
(1,46)	1:117:A:PHE:HE1	1:167:A:ILE:HD11	20	0.12
(1,46)	1:117:A:PHE:HE1	1:167:A:ILE:HD12	20	0.12
(1,46)	1:117:A:PHE:HE1	1:167:A:ILE:HD13	20	0.12
(1,46)	1:117:A:PHE:HE2	1:167:A:ILE:HD11	20	0.12
(1,46)	1:117:A:PHE:HE2	1:167:A:ILE:HD12	20	0.12
(1,46)	1:117:A:PHE:HE2	1:167:A:ILE:HD13	20	0.12
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG11	16	0.12
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG12	16	0.12
(1,40)	1:116:A:SER:HB3	1:170:A:VAL:HG13	16	0.12
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	6	0.12
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	6	0.12
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	6	0.12
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	6	0.12
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	6	0.12
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	6	0.12
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	6	0.12
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	6	0.12
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	6	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	6	0.12
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	6	0.12
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	6	0.12
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	7	0.12
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	7	0.12
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	7	0.12
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD11	14	0.12
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD12	14	0.12
(1,34)	1:24:A:LEU:HD21	1:118:A:ILE:HD13	14	0.12
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD11	14	0.12
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD12	14	0.12
(1,34)	1:24:A:LEU:HD22	1:118:A:ILE:HD13	14	0.12
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD11	14	0.12
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD12	14	0.12
(1,34)	1:24:A:LEU:HD23	1:118:A:ILE:HD13	14	0.12
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD21	1:94:A:LEU:HD23	13	0.12
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD22	1:94:A:LEU:HD23	13	0.12
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD23	1:94:A:LEU:HD23	13	0.12
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD11	1:94:A:LEU:HD23	13	0.12
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD12	1:94:A:LEU:HD23	13	0.12
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD21	13	0.12
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD22	13	0.12
(1,26)	1:28:A:LEU:HD13	1:94:A:LEU:HD23	13	0.12
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	6	0.12
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	13	0.12
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	14	0.12
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	14	0.12
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	14	0.12
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	15	0.12
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	15	0.12
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	15	0.12
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	14	0.12

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	14	0.12
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	14	0.12
(2,89)	1:131:A:LEU:H	1:135:A:TRP:HE3	5	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	4	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	4	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	4	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	4	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	4	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	4	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	4	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	4	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	4	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	9	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	9	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	9	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	9	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	9	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	9	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	9	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	9	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	9	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	15	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	15	0.11
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	15	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	15	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	15	0.11
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	15	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	15	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	15	0.11
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	15	0.11
(2,63)	1:9:A:ILE:H	1:179:A:ALA:HA	6	0.11
(2,63)	1:9:A:ILE:H	1:179:A:ALA:HA	14	0.11
(2,54)	1:156:A:PHE:HB3	1:160:A:LEU:HG	12	0.11
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	4	0.11
(2,51)	1:141:A:LEU:HG	1:144:A:GLY:H	20	0.11
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	1	0.11
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	3	0.11
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	9	0.11
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	5	0.11
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	5	0.11
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	5	0.11
(2,46)	1:112:A:ILE:HD11	1:113:A:ASN:HD21	12	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,46)	1:112:A:ILE:HD12	1:113:A:ASN:HD21	12	0.11
(2,46)	1:112:A:ILE:HD13	1:113:A:ASN:HD21	12	0.11
(2,44)	1:133:A:LYS:H	1:135:A:TRP:HA	3	0.11
(2,44)	1:133:A:LYS:H	1:135:A:TRP:HA	4	0.11
(2,41)	1:26:A:ASN:H	1:27:A:LEU:HG	6	0.11
(2,41)	1:26:A:ASN:H	1:27:A:LEU:HG	14	0.11
(2,40)	1:53:A:MET:HE1	1:57:A:GLY:H	7	0.11
(2,40)	1:53:A:MET:HE2	1:57:A:GLY:H	7	0.11
(2,40)	1:53:A:MET:HE3	1:57:A:GLY:H	7	0.11
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	17	0.11
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD1	5	0.11
(2,34)	1:14:A:GLN:HE21	1:32:A:TYR:HD2	5	0.11
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD21	3	0.11
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD22	3	0.11
(2,32)	1:148:A:ILE:HG21	1:155:A:LEU:HD23	3	0.11
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD21	3	0.11
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD22	3	0.11
(2,32)	1:148:A:ILE:HG22	1:155:A:LEU:HD23	3	0.11
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD21	3	0.11
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD22	3	0.11
(2,32)	1:148:A:ILE:HG23	1:155:A:LEU:HD23	3	0.11
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD11	10	0.11
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD12	10	0.11
(2,30)	1:66:A:PHE:HE1	1:96:A:LEU:HD13	10	0.11
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD11	10	0.11
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD12	10	0.11
(2,30)	1:66:A:PHE:HE2	1:96:A:LEU:HD13	10	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	6	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	6	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	6	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	7	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	7	0.11
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	7	0.11
(2,16)	1:118:A:ILE:HD11	1:128:A:VAL:HB	11	0.11
(2,16)	1:118:A:ILE:HD12	1:128:A:VAL:HB	11	0.11
(2,16)	1:118:A:ILE:HD13	1:128:A:VAL:HB	11	0.11
(2,13)	1:119:A:CYS:HA	1:160:A:LEU:HB3	2	0.11
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	10	0.11
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	10	0.11
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	10	0.11
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	11	0.11
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	11	0.11
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD21	1	0.11
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD22	1	0.11
(2,7)	1:41:A:ILE:H	1:45:A:LEU:HD23	1	0.11
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	11	0.11
(2,6)	1:91:A:VAL:HB	1:92:A:TRP:HE1	18	0.11
(2,5)	1:91:A:VAL:HG11	1:92:A:TRP:HE1	11	0.11
(2,5)	1:91:A:VAL:HG12	1:92:A:TRP:HE1	11	0.11
(2,5)	1:91:A:VAL:HG13	1:92:A:TRP:HE1	11	0.11
(1,2624)	1:41:A:ILE:HG21	1:43:A:HIS:HD2	7	0.11
(1,2624)	1:41:A:ILE:HG22	1:43:A:HIS:HD2	7	0.11
(1,2624)	1:41:A:ILE:HG23	1:43:A:HIS:HD2	7	0.11
(1,2618)	1:79:A:PHE:HE1	1:123:A:GLU:HG2	11	0.11
(1,2618)	1:79:A:PHE:HE1	1:123:A:GLU:HG3	11	0.11
(1,2618)	1:79:A:PHE:HE2	1:123:A:GLU:HG2	11	0.11
(1,2618)	1:79:A:PHE:HE2	1:123:A:GLU:HG3	11	0.11
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD1	1	0.11
(1,2615)	1:74:A:MET:HE1	1:79:A:PHE:HD2	1	0.11
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD1	1	0.11
(1,2615)	1:74:A:MET:HE2	1:79:A:PHE:HD2	1	0.11
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD1	1	0.11
(1,2615)	1:74:A:MET:HE3	1:79:A:PHE:HD2	1	0.11
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD1	15	0.11
(1,2607)	1:98:A:LEU:HD11	1:168:A:PHE:HD2	15	0.11
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD1	15	0.11
(1,2607)	1:98:A:LEU:HD12	1:168:A:PHE:HD2	15	0.11
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD1	15	0.11
(1,2607)	1:98:A:LEU:HD13	1:168:A:PHE:HD2	15	0.11
(1,2583)	1:43:A:HIS:HE1	1:74:A:MET:HG3	5	0.11
(1,2566)	1:63:A:TYR:HD1	1:64:A:ARG:HA	7	0.11
(1,2566)	1:63:A:TYR:HD2	1:64:A:ARG:HA	7	0.11
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	1	0.11
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	1	0.11
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	6	0.11
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	6	0.11
(1,2563)	1:63:A:TYR:HD1	1:64:A:ARG:HG3	10	0.11
(1,2563)	1:63:A:TYR:HD2	1:64:A:ARG:HG3	10	0.11
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD1	19	0.11
(1,2544)	1:30:A:GLY:H	1:32:A:TYR:HD2	19	0.11
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	1	0.11
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	1	0.11
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG2	20	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2504)	1:67:A:LEU:HB3	1:68:A:GLN:HG3	20	0.11
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB2	9	0.11
(1,2412)	1:42:A:ALA:HB1	1:73:A:ASN:HB3	9	0.11
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB2	9	0.11
(1,2412)	1:42:A:ALA:HB2	1:73:A:ASN:HB3	9	0.11
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB2	9	0.11
(1,2412)	1:42:A:ALA:HB3	1:73:A:ASN:HB3	9	0.11
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD11	4	0.11
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD12	4	0.11
(1,2386)	1:66:A:PHE:HE1	1:67:A:LEU:HD13	4	0.11
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD11	4	0.11
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD12	4	0.11
(1,2386)	1:66:A:PHE:HE2	1:67:A:LEU:HD13	4	0.11
(1,2381)	1:59:A:THR:HG21	1:60:A:SER:HB2	18	0.11
(1,2381)	1:59:A:THR:HG22	1:60:A:SER:HB2	18	0.11
(1,2381)	1:59:A:THR:HG23	1:60:A:SER:HB2	18	0.11
(1,2330)	1:34:A:SER:HA	1:35:A:PRO:HG2	10	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	2	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	2	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	2	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	13	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	13	0.11
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	13	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG21	10	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG22	10	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG23	10	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG21	10	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG22	10	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG23	10	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG21	10	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG22	10	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG23	10	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG21	12	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG22	12	0.11
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG23	12	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG21	12	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG22	12	0.11
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG23	12	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG21	12	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG22	12	0.11
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG23	12	0.11
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB2	1	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2286)	1:40:A:SER:HB3	1:43:A:HIS:HB3	1	0.11
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	17	0.11
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	17	0.11
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	17	0.11
(1,2269)	1:6:A:MET:HE1	1:9:A:ILE:HG21	18	0.11
(1,2269)	1:6:A:MET:HE1	1:9:A:ILE:HG22	18	0.11
(1,2269)	1:6:A:MET:HE1	1:9:A:ILE:HG23	18	0.11
(1,2269)	1:6:A:MET:HE2	1:9:A:ILE:HG21	18	0.11
(1,2269)	1:6:A:MET:HE2	1:9:A:ILE:HG22	18	0.11
(1,2269)	1:6:A:MET:HE2	1:9:A:ILE:HG23	18	0.11
(1,2269)	1:6:A:MET:HE3	1:9:A:ILE:HG21	18	0.11
(1,2269)	1:6:A:MET:HE3	1:9:A:ILE:HG22	18	0.11
(1,2269)	1:6:A:MET:HE3	1:9:A:ILE:HG23	18	0.11
(1,2264)	1:7:A:GLU:HG2	1:8:A:SER:HB2	17	0.11
(1,2264)	1:7:A:GLU:HG2	1:8:A:SER:HB3	17	0.11
(1,2264)	1:7:A:GLU:HG3	1:8:A:SER:HB2	17	0.11
(1,2264)	1:7:A:GLU:HG3	1:8:A:SER:HB3	17	0.11
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD21	7	0.11
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD22	7	0.11
(1,2171)	1:87:A:ASN:H	1:89:A:LEU:HD23	7	0.11
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	8	0.11
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	8	0.11
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	8	0.11
(1,2155)	1:84:A:VAL:HG21	1:85:A:ILE:HG12	9	0.11
(1,2155)	1:84:A:VAL:HG22	1:85:A:ILE:HG12	9	0.11
(1,2155)	1:84:A:VAL:HG23	1:85:A:ILE:HG12	9	0.11
(1,2154)	1:38:A:LEU:HB2	1:84:A:VAL:HG11	3	0.11
(1,2154)	1:38:A:LEU:HB2	1:84:A:VAL:HG12	3	0.11
(1,2154)	1:38:A:LEU:HB2	1:84:A:VAL:HG13	3	0.11
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD11	17	0.11
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD12	17	0.11
(1,2139)	1:82:A:ILE:HG13	1:96:A:LEU:HD13	17	0.11
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	3	0.11
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	3	0.11
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	3	0.11
(1,2131)	1:82:A:ILE:HG21	1:118:A:ILE:HB	20	0.11
(1,2131)	1:82:A:ILE:HG22	1:118:A:ILE:HB	20	0.11
(1,2131)	1:82:A:ILE:HG23	1:118:A:ILE:HB	20	0.11
(1,2062)	1:20:A:ALA:HB1	1:125:A:TRP:HB2	14	0.11
(1,2062)	1:20:A:ALA:HB2	1:125:A:TRP:HB2	14	0.11
(1,2062)	1:20:A:ALA:HB3	1:125:A:TRP:HB2	14	0.11
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1995)	1:42:A:ALA:HB1	1:74:A:MET:H	1	0.11
(1,1995)	1:42:A:ALA:HB2	1:74:A:MET:H	1	0.11
(1,1995)	1:42:A:ALA:HB3	1:74:A:MET:H	1	0.11
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD21	9	0.11
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD22	9	0.11
(1,1991)	1:42:A:ALA:HA	1:45:A:LEU:HD23	9	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	2	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	2	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	2	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	11	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	11	0.11
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	11	0.11
(1,1899)	1:178:A:GLU:HG2	1:179:A:ALA:HB1	16	0.11
(1,1899)	1:178:A:GLU:HG2	1:179:A:ALA:HB2	16	0.11
(1,1899)	1:178:A:GLU:HG2	1:179:A:ALA:HB3	16	0.11
(1,1899)	1:178:A:GLU:HG3	1:179:A:ALA:HB1	16	0.11
(1,1899)	1:178:A:GLU:HG3	1:179:A:ALA:HB2	16	0.11
(1,1899)	1:178:A:GLU:HG3	1:179:A:ALA:HB3	16	0.11
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	7	0.11
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	7	0.11
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	7	0.11
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	7	0.11
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	7	0.11
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	7	0.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	6	0.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	6	0.11
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	6	0.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	6	0.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	6	0.11
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	6	0.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	6	0.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	6	0.11
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	6	0.11
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	2	0.11
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	2	0.11
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	2	0.11
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	2	0.11
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	2	0.11
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	2	0.11
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	4	0.11
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	4	0.11
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	4	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	5	0.11
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	5	0.11
(1,1855)	1:163:A:GLU:HB2	1:164:A:GLY:HA2	16	0.11
(1,1855)	1:163:A:GLU:HB3	1:164:A:GLY:HA2	16	0.11
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	4	0.11
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	4	0.11
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD11	5	0.11
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD12	5	0.11
(1,1835)	1:160:A:LEU:HA	1:167:A:ILE:HD13	5	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	3	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	3	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	3	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	3	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	3	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	3	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	3	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	3	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	3	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB1	14	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB2	14	0.11
(1,1827)	1:157:A:LEU:HD11	1:158:A:ALA:HB3	14	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB1	14	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB2	14	0.11
(1,1827)	1:157:A:LEU:HD12	1:158:A:ALA:HB3	14	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB1	14	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB2	14	0.11
(1,1827)	1:157:A:LEU:HD13	1:158:A:ALA:HB3	14	0.11
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD21	6	0.11
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD22	6	0.11
(1,1815)	1:128:A:VAL:HB	1:157:A:LEU:HD23	6	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	8	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	8	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	8	0.11
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	8	0.11
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	8	0.11
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	8	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	8	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	8	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	8	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD21	10	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD22	10	0.11
(1,1810)	1:148:A:ILE:HG21	1:157:A:LEU:HD23	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD21	10	0.11
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD22	10	0.11
(1,1810)	1:148:A:ILE:HG22	1:157:A:LEU:HD23	10	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD21	10	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD22	10	0.11
(1,1810)	1:148:A:ILE:HG23	1:157:A:LEU:HD23	10	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	14	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	14	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	14	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD11	18	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD12	18	0.11
(1,1796)	1:153:A:LEU:HG	1:157:A:LEU:HD13	18	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	3	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	3	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	3	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	8	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	8	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	8	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD11	9	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD12	9	0.11
(1,1775)	1:155:A:LEU:HA	1:155:A:LEU:HD13	9	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	13	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	13	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	13	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD11	17	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD12	17	0.11
(1,1751)	1:135:A:TRP:HE3	1:153:A:LEU:HD13	17	0.11
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	7	0.11
(1,1715)	1:58:A:VAL:HG11	1:63:A:TYR:HA	7	0.11
(1,1715)	1:58:A:VAL:HG12	1:63:A:TYR:HA	7	0.11
(1,1715)	1:58:A:VAL:HG13	1:63:A:TYR:HA	7	0.11
(1,1698)	1:84:A:VAL:HG11	1:85:A:ILE:HD11	17	0.11
(1,1698)	1:84:A:VAL:HG11	1:85:A:ILE:HD12	17	0.11
(1,1698)	1:84:A:VAL:HG11	1:85:A:ILE:HD13	17	0.11
(1,1698)	1:84:A:VAL:HG12	1:85:A:ILE:HD11	17	0.11
(1,1698)	1:84:A:VAL:HG12	1:85:A:ILE:HD12	17	0.11
(1,1698)	1:84:A:VAL:HG12	1:85:A:ILE:HD13	17	0.11
(1,1698)	1:84:A:VAL:HG13	1:85:A:ILE:HD11	17	0.11
(1,1698)	1:84:A:VAL:HG13	1:85:A:ILE:HD12	17	0.11
(1,1698)	1:84:A:VAL:HG13	1:85:A:ILE:HD13	17	0.11
(1,1606)	1:52:A:ARG:HA	1:52:A:ARG:HE	9	0.11
(1,1576)	1:72:A:GLY:H	1:74:A:MET:H	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	19	0.11
(1,1476)	1:25:A:ASN:HD21	1:32:A:TYR:H	11	0.11
(1,1421)	1:28:A:LEU:HG	1:29:A:GLN:H	6	0.11
(1,1408)	1:110:A:ASP:H	1:111:A:PRO:HD2	2	0.11
(1,1364)	1:54:A:ALA:H	1:63:A:TYR:HD1	10	0.11
(1,1364)	1:54:A:ALA:H	1:63:A:TYR:HD2	10	0.11
(1,1363)	1:53:A:MET:HB3	1:54:A:ALA:H	8	0.11
(1,1334)	1:45:A:LEU:HD21	1:87:A:ASN:H	11	0.11
(1,1334)	1:45:A:LEU:HD22	1:87:A:ASN:H	11	0.11
(1,1334)	1:45:A:LEU:HD23	1:87:A:ASN:H	11	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	1	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	2	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	3	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	4	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	5	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	6	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	7	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	8	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	9	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	10	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	11	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	12	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	13	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	14	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	15	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	16	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	17	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	19	0.11
(1,1328)	1:62:A:ASP:HA	1:63:A:TYR:H	20	0.11
(1,1313)	1:66:A:PHE:HB2	1:67:A:LEU:H	9	0.11
(1,1313)	1:66:A:PHE:HB2	1:67:A:LEU:H	15	0.11
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	1	0.11
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD1	4	0.11
(1,1281)	1:75:A:ASP:H	1:80:A:PHE:HD2	4	0.11
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG3	16	0.11
(1,1259)	1:31:A:GLU:H	1:31:A:GLU:HG2	16	0.11
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	6	0.11
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	6	0.11
(1,1246)	1:52:A:ARG:HB2	1:53:A:MET:H	18	0.11
(1,1246)	1:52:A:ARG:HB3	1:53:A:MET:H	18	0.11
(1,1240)	1:75:A:ASP:HB2	1:76:A:ASP:H	4	0.11
(1,1215)	1:131:A:LEU:HD11	1:180:A:ASP:H	7	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1215)	1:131:A:LEU:HD12	1:180:A:ASP:H	7	0.11
(1,1215)	1:131:A:LEU:HD13	1:180:A:ASP:H	7	0.11
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	7	0.11
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	11	0.11
(1,1205)	1:58:A:VAL:HA	1:59:A:THR:H	12	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	1	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	1	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	1	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	2	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	2	0.11
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	2	0.11
(1,1165)	1:54:A:ALA:HB1	1:57:A:GLY:H	11	0.11
(1,1165)	1:54:A:ALA:HB2	1:57:A:GLY:H	11	0.11
(1,1165)	1:54:A:ALA:HB3	1:57:A:GLY:H	11	0.11
(1,1154)	1:29:A:GLN:HG2	1:30:A:GLY:H	12	0.11
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	8	0.11
(1,1127)	1:122:A:LYS:H	1:122:A:LYS:HD2	15	0.11
(1,1009)	1:90:A:LYS:HB3	1:91:A:VAL:H	20	0.11
(1,973)	1:7:A:GLU:HB2	1:9:A:ILE:H	4	0.11
(1,973)	1:7:A:GLU:HB3	1:9:A:ILE:H	4	0.11
(1,972)	1:9:A:ILE:H	1:9:A:ILE:HG12	18	0.11
(1,966)	1:8:A:SER:H	1:9:A:ILE:HG12	12	0.11
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG21	11	0.11
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG22	11	0.11
(1,943)	1:39:A:SER:H	1:41:A:ILE:HG23	11	0.11
(1,861)	1:157:A:LEU:HD11	1:158:A:ALA:H	19	0.11
(1,861)	1:157:A:LEU:HD12	1:158:A:ALA:H	19	0.11
(1,861)	1:157:A:LEU:HD13	1:158:A:ALA:H	19	0.11
(1,787)	1:97:A:ILE:HB	1:169:A:VAL:H	19	0.11
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE1	19	0.11
(1,755)	1:74:A:MET:HE1	1:79:A:PHE:HE2	19	0.11
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE1	19	0.11
(1,755)	1:74:A:MET:HE2	1:79:A:PHE:HE2	19	0.11
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE1	19	0.11
(1,755)	1:74:A:MET:HE3	1:79:A:PHE:HE2	19	0.11
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD1	15	0.11
(1,750)	1:62:A:ASP:HB2	1:66:A:PHE:HD2	15	0.11
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD1	15	0.11
(1,750)	1:62:A:ASP:HB3	1:66:A:PHE:HD2	15	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	2	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	2	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	2	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	2	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	2	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	2	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	9	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	9	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	9	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	9	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	9	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	9	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD11	20	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD12	20	0.11
(1,740)	1:156:A:PHE:HE1	1:160:A:LEU:HD13	20	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD11	20	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD12	20	0.11
(1,740)	1:156:A:PHE:HE2	1:160:A:LEU:HD13	20	0.11
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	11	0.11
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB1	18	0.11
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB2	18	0.11
(1,728)	1:153:A:LEU:HG	1:154:A:ALA:HB3	18	0.11
(1,721)	1:94:A:LEU:HD11	1:95:A:GLU:HB2	2	0.11
(1,721)	1:94:A:LEU:HD12	1:95:A:GLU:HB2	2	0.11
(1,721)	1:94:A:LEU:HD13	1:95:A:GLU:HB2	2	0.11
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	1	0.11
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	1	0.11
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	1	0.11
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	1	0.11
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	1	0.11
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	1	0.11
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE1	3	0.11
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE2	3	0.11
(1,696)	1:52:A:ARG:HG3	1:53:A:MET:HE3	3	0.11
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG21	12	0.11
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG22	12	0.11
(1,694)	1:53:A:MET:HE1	1:59:A:THR:HG23	12	0.11
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG21	12	0.11
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG22	12	0.11
(1,694)	1:53:A:MET:HE2	1:59:A:THR:HG23	12	0.11
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG21	12	0.11
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG22	12	0.11
(1,694)	1:53:A:MET:HE3	1:59:A:THR:HG23	12	0.11
(1,693)	1:53:A:MET:HE1	1:58:A:VAL:HG11	20	0.11
(1,693)	1:53:A:MET:HE1	1:58:A:VAL:HG12	20	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,693)	1:53:A:MET:HE1	1:58:A:VAL:HG13	20	0.11
(1,693)	1:53:A:MET:HE2	1:58:A:VAL:HG11	20	0.11
(1,693)	1:53:A:MET:HE2	1:58:A:VAL:HG12	20	0.11
(1,693)	1:53:A:MET:HE2	1:58:A:VAL:HG13	20	0.11
(1,693)	1:53:A:MET:HE3	1:58:A:VAL:HG11	20	0.11
(1,693)	1:53:A:MET:HE3	1:58:A:VAL:HG12	20	0.11
(1,693)	1:53:A:MET:HE3	1:58:A:VAL:HG13	20	0.11
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG21	20	0.11
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG22	20	0.11
(1,689)	1:57:A:GLY:HA2	1:59:A:THR:HG23	20	0.11
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD1	14	0.11
(1,687)	1:18:A:LEU:HD21	1:80:A:PHE:HD2	14	0.11
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD1	14	0.11
(1,687)	1:18:A:LEU:HD22	1:80:A:PHE:HD2	14	0.11
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD1	14	0.11
(1,687)	1:18:A:LEU:HD23	1:80:A:PHE:HD2	14	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	8	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	8	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	8	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	8	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	8	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	8	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	11	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	11	0.11
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	11	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	11	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	11	0.11
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	11	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	13	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	13	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	13	0.11
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	13	0.11
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	13	0.11
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	13	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	13	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	13	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	13	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	20	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	20	0.11
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	20	0.11
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	20	0.11
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	20	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	20	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	20	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	20	0.11
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	20	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD11	13	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD12	13	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD13	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD11	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD12	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD13	13	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD21	13	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD22	13	0.11
(1,662)	1:10:A:PHE:HB2	1:138:A:LEU:HD23	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD21	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD22	13	0.11
(1,662)	1:10:A:PHE:HB3	1:138:A:LEU:HD23	13	0.11
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB2	1	0.11
(1,649)	1:40:A:SER:HB2	1:43:A:HIS:HB3	1	0.11
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD11	15	0.11
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD12	15	0.11
(1,648)	1:105:A:GLN:HE22	1:109:A:ILE:HD13	15	0.11
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD11	6	0.11
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD12	6	0.11
(1,633)	1:24:A:LEU:HB3	1:28:A:LEU:HD13	6	0.11
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	11	0.11
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	11	0.11
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	11	0.11
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	11	0.11
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	11	0.11
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	11	0.11
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	11	0.11
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	11	0.11
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	11	0.11
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG21	11	0.11
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG22	11	0.11
(1,613)	1:28:A:LEU:HD11	1:85:A:ILE:HG23	11	0.11
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG21	11	0.11
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG22	11	0.11
(1,613)	1:28:A:LEU:HD12	1:85:A:ILE:HG23	11	0.11
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG21	11	0.11
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG22	11	0.11
(1,613)	1:28:A:LEU:HD13	1:85:A:ILE:HG23	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	4	0.11
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	7	0.11
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	17	0.11
(1,579)	1:96:A:LEU:HG	1:118:A:ILE:HD11	3	0.11
(1,579)	1:96:A:LEU:HG	1:118:A:ILE:HD12	3	0.11
(1,579)	1:96:A:LEU:HG	1:118:A:ILE:HD13	3	0.11
(1,578)	1:118:A:ILE:HG21	1:128:A:VAL:HB	20	0.11
(1,578)	1:118:A:ILE:HG22	1:128:A:VAL:HB	20	0.11
(1,578)	1:118:A:ILE:HG23	1:128:A:VAL:HB	20	0.11
(1,571)	1:54:A:ALA:HB1	1:58:A:VAL:HB	15	0.11
(1,571)	1:54:A:ALA:HB2	1:58:A:VAL:HB	15	0.11
(1,571)	1:54:A:ALA:HB3	1:58:A:VAL:HB	15	0.11
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG21	6	0.11
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG22	6	0.11
(1,568)	1:42:A:ALA:HB1	1:84:A:VAL:HG23	6	0.11
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG21	6	0.11
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG22	6	0.11
(1,568)	1:42:A:ALA:HB2	1:84:A:VAL:HG23	6	0.11
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG21	6	0.11
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG22	6	0.11
(1,568)	1:42:A:ALA:HB3	1:84:A:VAL:HG23	6	0.11
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD11	17	0.11
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD12	17	0.11
(1,563)	1:24:A:LEU:HD11	1:27:A:LEU:HD13	17	0.11
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD11	17	0.11
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD12	17	0.11
(1,563)	1:24:A:LEU:HD12	1:27:A:LEU:HD13	17	0.11
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD11	17	0.11
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD12	17	0.11
(1,563)	1:24:A:LEU:HD13	1:27:A:LEU:HD13	17	0.11
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	13	0.11
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	13	0.11
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	13	0.11
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	16	0.11
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	16	0.11
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	16	0.11
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	2	0.11
(1,551)	1:151:A:THR:HA	1:152:A:TYR:HB2	7	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	9	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	9	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	9	0.11
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	9	0.11
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	9	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	9	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	9	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	9	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	16	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	16	0.11
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	16	0.11
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	16	0.11
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	16	0.11
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	16	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	16	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	16	0.11
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	16	0.11
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	5	0.11
(1,532)	1:160:A:LEU:HB2	1:161:A:GLN:HG2	14	0.11
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB2	16	0.11
(1,527)	1:158:A:ALA:HB1	1:162:A:GLN:HB3	16	0.11
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB2	16	0.11
(1,527)	1:158:A:ALA:HB2	1:162:A:GLN:HB3	16	0.11
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB2	16	0.11
(1,527)	1:158:A:ALA:HB3	1:162:A:GLN:HB3	16	0.11
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD21	6	0.11
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD22	6	0.11
(1,522)	1:128:A:VAL:HG11	1:157:A:LEU:HD23	6	0.11
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD21	6	0.11
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD22	6	0.11
(1,522)	1:128:A:VAL:HG12	1:157:A:LEU:HD23	6	0.11
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD21	6	0.11
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD22	6	0.11
(1,522)	1:128:A:VAL:HG13	1:157:A:LEU:HD23	6	0.11
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	2	0.11
(1,488)	1:141:A:LEU:H	1:144:A:GLY:H	13	0.11
(1,483)	1:90:A:LYS:HG2	1:93:A:GLY:H	19	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD21	5	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD22	5	0.11
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD23	5	0.11
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	20	0.11
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	20	0.11
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	20	0.11
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	2	0.11
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	3	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	6	0.11
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	8	0.11
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	15	0.11
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	17	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	17	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	17	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	17	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	20	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	20	0.11
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	20	0.11
(1,445)	1:30:A:GLY:HA3	1:32:A:TYR:H	1	0.11
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	13	0.11
(1,440)	1:66:A:PHE:H	1:67:A:LEU:HG	14	0.11
(1,436)	1:149:A:SER:H	1:151:A:THR:H	5	0.11
(1,428)	1:112:A:ILE:HD11	1:114:A:GLU:H	20	0.11
(1,428)	1:112:A:ILE:HD12	1:114:A:GLU:H	20	0.11
(1,428)	1:112:A:ILE:HD13	1:114:A:GLU:H	20	0.11
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	1	0.11
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	1	0.11
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	1	0.11
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	9	0.11
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	9	0.11
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	9	0.11
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	16	0.11
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	16	0.11
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	16	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	3	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	3	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	3	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	12	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	12	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	12	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	19	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	19	0.11
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	19	0.11
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	2	0.11
(1,413)	1:53:A:MET:HE1	1:65:A:THR:H	6	0.11
(1,413)	1:53:A:MET:HE2	1:65:A:THR:H	6	0.11
(1,413)	1:53:A:MET:HE3	1:65:A:THR:H	6	0.11
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	11	0.11
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	11	0.11
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	11	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	16	0.11
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	16	0.11
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	16	0.11
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	17	0.11
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	17	0.11
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	17	0.11
(1,394)	1:68:A:GLN:HA	1:69:A:GLN:H	6	0.11
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	2	0.11
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	2	0.11
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	3	0.11
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	3	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	3	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	3	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	3	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG11	17	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG12	17	0.11
(1,372)	1:95:A:GLU:H	1:170:A:VAL:HG13	17	0.11
(1,371)	1:112:A:ILE:HD11	1:151:A:THR:H	1	0.11
(1,371)	1:112:A:ILE:HD12	1:151:A:THR:H	1	0.11
(1,371)	1:112:A:ILE:HD13	1:151:A:THR:H	1	0.11
(1,364)	1:111:A:PRO:HB3	1:113:A:ASN:H	13	0.11
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	1	0.11
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	4	0.11
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	7	0.11
(1,359)	1:163:A:GLU:H	1:165:A:TYR:H	8	0.11
(1,345)	1:94:A:LEU:HD11	1:172:A:GLY:H	1	0.11
(1,345)	1:94:A:LEU:HD12	1:172:A:GLY:H	1	0.11
(1,345)	1:94:A:LEU:HD13	1:172:A:GLY:H	1	0.11
(1,328)	1:148:A:ILE:HG21	1:156:A:PHE:HE1	17	0.11
(1,328)	1:148:A:ILE:HG21	1:156:A:PHE:HE2	17	0.11
(1,328)	1:148:A:ILE:HG22	1:156:A:PHE:HE1	17	0.11
(1,328)	1:148:A:ILE:HG22	1:156:A:PHE:HE2	17	0.11
(1,328)	1:148:A:ILE:HG23	1:156:A:PHE:HE1	17	0.11
(1,328)	1:148:A:ILE:HG23	1:156:A:PHE:HE2	17	0.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	5	0.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	5	0.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	5	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	5	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	5	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	5	0.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD11	9	0.11
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD12	9	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,311)	1:10:A:PHE:HB2	1:131:A:LEU:HD13	9	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD11	9	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD12	9	0.11
(1,311)	1:10:A:PHE:HB3	1:131:A:LEU:HD13	9	0.11
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	7	0.11
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	7	0.11
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	7	0.11
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	10	0.11
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	10	0.11
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	10	0.11
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	16	0.11
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	16	0.11
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	16	0.11
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	17	0.11
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	17	0.11
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	17	0.11
(1,269)	1:27:A:LEU:HD21	1:127:A:THR:HA	4	0.11
(1,269)	1:27:A:LEU:HD22	1:127:A:THR:HA	4	0.11
(1,269)	1:27:A:LEU:HD23	1:127:A:THR:HA	4	0.11
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	1	0.11
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	1	0.11
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	1	0.11
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	3	0.11
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	3	0.11
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	3	0.11
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	7	0.11
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	7	0.11
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	7	0.11
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	9	0.11
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	9	0.11
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	9	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	4	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	4	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	4	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	5	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	5	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	5	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG21	8	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG22	8	0.11
(1,265)	1:161:A:GLN:HG2	1:167:A:ILE:HG23	8	0.11
(1,253)	1:112:A:ILE:H	1:135:A:TRP:HE1	7	0.11
(1,253)	1:112:A:ILE:H	1:135:A:TRP:HE1	10	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	13	0.11
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	13	0.11
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	13	0.11
(1,247)	1:158:A:ALA:HB1	1:161:A:GLN:HE21	17	0.11
(1,247)	1:158:A:ALA:HB2	1:161:A:GLN:HE21	17	0.11
(1,247)	1:158:A:ALA:HB3	1:161:A:GLN:HE21	17	0.11
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	5	0.11
(1,244)	1:83:A:GLN:HG3	1:87:A:ASN:HD22	16	0.11
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	16	0.11
(1,232)	1:24:A:LEU:HB2	1:28:A:LEU:H	17	0.11
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	14	0.11
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	14	0.11
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	14	0.11
(1,219)	1:38:A:LEU:HA	1:40:A:SER:H	10	0.11
(1,218)	1:153:A:LEU:HG	1:154:A:ALA:H	2	0.11
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	12	0.11
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	12	0.11
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	12	0.11
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	12	0.11
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	12	0.11
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	12	0.11
(1,208)	1:38:A:LEU:HD21	1:88:A:ALA:HA	16	0.11
(1,208)	1:38:A:LEU:HD22	1:88:A:ALA:HA	16	0.11
(1,208)	1:38:A:LEU:HD23	1:88:A:ALA:HA	16	0.11
(1,206)	1:14:A:GLN:HE21	1:25:A:ASN:HA	7	0.11
(1,204)	1:158:A:ALA:HA	1:161:A:GLN:HE22	2	0.11
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	10	0.11
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	10	0.11
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	10	0.11
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	10	0.11
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	10	0.11
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	10	0.11
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	13	0.11
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	13	0.11
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	13	0.11
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	13	0.11
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	13	0.11
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	13	0.11
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	7	0.11
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	7	0.11
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	18	0.11
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	18	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE21	4	0.11
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE22	4	0.11
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE21	17	0.11
(1,139)	1:69:A:GLN:HB2	1:69:A:GLN:HE22	17	0.11
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG21	12	0.11
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG22	12	0.11
(1,112)	1:42:A:ALA:H	1:84:A:VAL:HG23	12	0.11
(1,97)	1:93:A:GLY:H	1:94:A:LEU:HG	12	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	1	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	1	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	8	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	8	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	10	0.11
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	10	0.11
(1,38)	1:82:A:ILE:HG21	1:125:A:TRP:HE3	3	0.11
(1,38)	1:82:A:ILE:HG22	1:125:A:TRP:HE3	3	0.11
(1,38)	1:82:A:ILE:HG23	1:125:A:TRP:HE3	3	0.11
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG21	4	0.11
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG22	4	0.11
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG23	4	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG21	4	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG22	4	0.11
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG23	4	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG21	4	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG22	4	0.11
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG23	4	0.11
(1,32)	1:21:A:GLN:HA	1:24:A:LEU:HG	20	0.11
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE1	12	0.11
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE2	12	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE1	12	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE2	12	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE1	12	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE2	12	0.11
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE1	20	0.11
(1,28)	1:9:A:ILE:HG21	1:136:A:PHE:HE2	20	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE1	20	0.11
(1,28)	1:9:A:ILE:HG22	1:136:A:PHE:HE2	20	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE1	20	0.11
(1,28)	1:9:A:ILE:HG23	1:136:A:PHE:HE2	20	0.11
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	18	0.11
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	6	0.11
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	6	0.11

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	6	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD11	1	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD12	1	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD13	1	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD11	1	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD12	1	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD13	1	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD11	1	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD12	1	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD13	1	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD11	18	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD12	18	0.11
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD13	18	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD11	18	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD12	18	0.11
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD13	18	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD11	18	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD12	18	0.11
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD13	18	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	1	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	1	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	1	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	7	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	7	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	7	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	19	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	19	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	19	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG21	20	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG22	20	0.11
(1,1)	1:82:A:ILE:HA	1:85:A:ILE:HG23	20	0.11
(2,89)	1:131:A:LEU:H	1:135:A:TRP:HE3	16	0.1
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD1	18	0.1
(2,73)	1:13:A:LYS:HB2	1:32:A:TYR:HD2	18	0.1
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	6	0.1
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	6	0.1
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE1	16	0.1
(2,71)	1:13:A:LYS:H	1:32:A:TYR:HE2	16	0.1
(2,66)	1:88:A:ALA:HB1	1:92:A:TRP:HE3	6	0.1
(2,66)	1:88:A:ALA:HB2	1:92:A:TRP:HE3	6	0.1
(2,66)	1:88:A:ALA:HB3	1:92:A:TRP:HE3	6	0.1
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	6	0.1
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	6	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	6	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	6	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	6	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	6	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	6	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	6	0.1
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD21	16	0.1
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD22	16	0.1
(2,64)	1:155:A:LEU:HD21	1:160:A:LEU:HD23	16	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD21	16	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD22	16	0.1
(2,64)	1:155:A:LEU:HD22	1:160:A:LEU:HD23	16	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD21	16	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD22	16	0.1
(2,64)	1:155:A:LEU:HD23	1:160:A:LEU:HD23	16	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD11	7	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD12	7	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD13	7	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD11	7	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD12	7	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD13	7	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD11	18	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD12	18	0.1
(2,52)	1:152:A:TYR:HD1	1:153:A:LEU:HD13	18	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD11	18	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD12	18	0.1
(2,52)	1:152:A:TYR:HD2	1:153:A:LEU:HD13	18	0.1
(2,50)	1:152:A:TYR:H	1:155:A:LEU:HG	15	0.1
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	13	0.1
(2,35)	1:112:A:ILE:HG13	1:135:A:TRP:HD1	19	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	11	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	11	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	11	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG21	16	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG22	16	0.1
(2,28)	1:66:A:PHE:HB3	1:97:A:ILE:HG23	16	0.1
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB2	15	0.1
(2,12)	1:53:A:MET:H	1:62:A:ASP:HB3	15	0.1
(2,9)	1:112:A:ILE:HD11	1:157:A:LEU:H	20	0.1
(2,9)	1:112:A:ILE:HD12	1:157:A:LEU:H	20	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(2,9)	1:112:A:ILE:HD13	1:157:A:LEU:H	20	0.1
(1,2610)	1:66:A:PHE:HD1	1:69:A:GLN:HB3	11	0.1
(1,2610)	1:66:A:PHE:HD2	1:69:A:GLN:HB3	11	0.1
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD1	8	0.1
(1,2601)	1:96:A:LEU:HG	1:168:A:PHE:HD2	8	0.1
(1,2566)	1:63:A:TYR:HD1	1:64:A:ARG:HA	14	0.1
(1,2566)	1:63:A:TYR:HD2	1:64:A:ARG:HA	14	0.1
(1,2566)	1:63:A:TYR:HD1	1:64:A:ARG:HA	16	0.1
(1,2566)	1:63:A:TYR:HD2	1:64:A:ARG:HA	16	0.1
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE1	15	0.1
(1,2559)	1:58:A:VAL:HB	1:63:A:TYR:HE2	15	0.1
(1,2557)	1:58:A:VAL:HG11	1:63:A:TYR:HE1	20	0.1
(1,2557)	1:58:A:VAL:HG11	1:63:A:TYR:HE2	20	0.1
(1,2557)	1:58:A:VAL:HG12	1:63:A:TYR:HE1	20	0.1
(1,2557)	1:58:A:VAL:HG12	1:63:A:TYR:HE2	20	0.1
(1,2557)	1:58:A:VAL:HG13	1:63:A:TYR:HE1	20	0.1
(1,2557)	1:58:A:VAL:HG13	1:63:A:TYR:HE2	20	0.1
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD21	20	0.1
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD22	20	0.1
(1,2325)	1:38:A:LEU:HA	1:38:A:LEU:HD23	20	0.1
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG21	3	0.1
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG22	3	0.1
(1,2324)	1:38:A:LEU:HD11	1:41:A:ILE:HG23	3	0.1
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG21	3	0.1
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG22	3	0.1
(1,2324)	1:38:A:LEU:HD12	1:41:A:ILE:HG23	3	0.1
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG21	3	0.1
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG22	3	0.1
(1,2324)	1:38:A:LEU:HD13	1:41:A:ILE:HG23	3	0.1
(1,2281)	1:6:A:MET:HE1	1:136:A:PHE:HA	6	0.1
(1,2281)	1:6:A:MET:HE2	1:136:A:PHE:HA	6	0.1
(1,2281)	1:6:A:MET:HE3	1:136:A:PHE:HA	6	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	2	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	2	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	2	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG21	14	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG22	14	0.1
(1,2280)	1:136:A:PHE:HA	1:148:A:ILE:HG23	14	0.1
(1,2253)	1:35:A:PRO:HA	1:38:A:LEU:HG	2	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD11	3	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD12	3	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD13	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD11	15	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD12	15	0.1
(1,2201)	1:97:A:ILE:HA	1:97:A:ILE:HD13	15	0.1
(1,2108)	1:66:A:PHE:HB2	1:67:A:LEU:HG	20	0.1
(1,2009)	1:111:A:PRO:HA	1:117:A:PHE:HB3	9	0.1
(1,1980)	1:24:A:LEU:HD11	1:85:A:ILE:HG21	15	0.1
(1,1980)	1:24:A:LEU:HD11	1:85:A:ILE:HG22	15	0.1
(1,1980)	1:24:A:LEU:HD11	1:85:A:ILE:HG23	15	0.1
(1,1980)	1:24:A:LEU:HD12	1:85:A:ILE:HG21	15	0.1
(1,1980)	1:24:A:LEU:HD12	1:85:A:ILE:HG22	15	0.1
(1,1980)	1:24:A:LEU:HD12	1:85:A:ILE:HG23	15	0.1
(1,1980)	1:24:A:LEU:HD13	1:85:A:ILE:HG21	15	0.1
(1,1980)	1:24:A:LEU:HD13	1:85:A:ILE:HG22	15	0.1
(1,1980)	1:24:A:LEU:HD13	1:85:A:ILE:HG23	15	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD11	2	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD12	2	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD13	2	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD11	15	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD12	15	0.1
(1,1937)	1:128:A:VAL:HB	1:148:A:ILE:HD13	15	0.1
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG21	5	0.1
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG22	5	0.1
(1,1913)	1:142:A:LEU:H	1:143:A:THR:HG23	5	0.1
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG21	2	0.1
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG22	2	0.1
(1,1912)	1:149:A:SER:HB2	1:151:A:THR:HG23	2	0.1
(1,1901)	1:131:A:LEU:HB2	1:179:A:ALA:HB1	5	0.1
(1,1901)	1:131:A:LEU:HB2	1:179:A:ALA:HB2	5	0.1
(1,1901)	1:131:A:LEU:HB2	1:179:A:ALA:HB3	5	0.1
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB1	6	0.1
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB2	6	0.1
(1,1897)	1:10:A:PHE:HB2	1:179:A:ALA:HB3	6	0.1
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB1	6	0.1
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB2	6	0.1
(1,1897)	1:10:A:PHE:HB3	1:179:A:ALA:HB3	6	0.1
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD11	9	0.1
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD12	9	0.1
(1,1882)	1:28:A:LEU:HD11	1:174:A:LEU:HD13	9	0.1
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD11	9	0.1
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD12	9	0.1
(1,1882)	1:28:A:LEU:HD12	1:174:A:LEU:HD13	9	0.1
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD11	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD12	9	0.1
(1,1882)	1:28:A:LEU:HD13	1:174:A:LEU:HD13	9	0.1
(1,1880)	1:94:A:LEU:HD11	1:172:A:GLY:HA2	15	0.1
(1,1880)	1:94:A:LEU:HD12	1:172:A:GLY:HA2	15	0.1
(1,1880)	1:94:A:LEU:HD13	1:172:A:GLY:HA2	15	0.1
(1,1880)	1:94:A:LEU:HD21	1:172:A:GLY:HA2	15	0.1
(1,1880)	1:94:A:LEU:HD22	1:172:A:GLY:HA2	15	0.1
(1,1880)	1:94:A:LEU:HD23	1:172:A:GLY:HA2	15	0.1
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD11	9	0.1
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD12	9	0.1
(1,1871)	1:157:A:LEU:HG	1:167:A:ILE:HD13	9	0.1
(1,1869)	1:120:A:ASN:H	1:167:A:ILE:HD11	17	0.1
(1,1869)	1:120:A:ASN:H	1:167:A:ILE:HD12	17	0.1
(1,1869)	1:120:A:ASN:H	1:167:A:ILE:HD13	17	0.1
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	9	0.1
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	9	0.1
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB2	13	0.1
(1,1842)	1:160:A:LEU:HG	1:163:A:GLU:HB3	13	0.1
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD21	10	0.1
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD22	10	0.1
(1,1814)	1:111:A:PRO:HB2	1:157:A:LEU:HD23	10	0.1
(1,1728)	1:5:A:SER:HB2	1:182:A:LEU:HG	8	0.1
(1,1676)	1:3:A:LEU:H	1:4:A:GLY:HA3	2	0.1
(1,1637)	1:82:A:ILE:HG21	1:83:A:GLN:HE22	20	0.1
(1,1637)	1:82:A:ILE:HG22	1:83:A:GLN:HE22	20	0.1
(1,1637)	1:82:A:ILE:HG23	1:83:A:GLN:HE22	20	0.1
(1,1606)	1:52:A:ARG:HA	1:52:A:ARG:HE	8	0.1
(1,1606)	1:52:A:ARG:HA	1:52:A:ARG:HE	18	0.1
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	7	0.1
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	10	0.1
(1,1599)	1:137:A:ASN:H	1:138:A:LEU:HB2	13	0.1
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG11	10	0.1
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG12	10	0.1
(1,1553)	1:36:A:VAL:H	1:36:A:VAL:HG13	10	0.1
(1,1536)	1:6:A:MET:HE1	1:148:A:ILE:H	6	0.1
(1,1536)	1:6:A:MET:HE2	1:148:A:ILE:H	6	0.1
(1,1536)	1:6:A:MET:HE3	1:148:A:ILE:H	6	0.1
(1,1520)	1:171:A:LYS:HE3	1:172:A:GLY:H	17	0.1
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD11	5	0.1
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD12	5	0.1
(1,1472)	1:185:A:MET:H	1:186:A:ILE:HD13	5	0.1
(1,1455)	1:158:A:ALA:HA	1:161:A:GLN:HE21	11	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,1421)	1:28:A:LEU:HG	1:29:A:GLN:H	7	0.1
(1,1408)	1:110:A:ASP:H	1:111:A:PRO:HD2	15	0.1
(1,1403)	1:98:A:LEU:HD11	1:99:A:PHE:H	18	0.1
(1,1403)	1:98:A:LEU:HD12	1:99:A:PHE:H	18	0.1
(1,1403)	1:98:A:LEU:HD13	1:99:A:PHE:H	18	0.1
(1,1302)	1:52:A:ARG:H	1:52:A:ARG:HG3	17	0.1
(1,1301)	1:25:A:ASN:H	1:27:A:LEU:HB3	19	0.1
(1,1242)	1:75:A:ASP:H	1:76:A:ASP:H	11	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	11	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	11	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	11	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB1	14	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB2	14	0.1
(1,1183)	1:86:A:SER:H	1:88:A:ALA:HB3	14	0.1
(1,1169)	1:116:A:SER:H	1:117:A:PHE:HB3	7	0.1
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG11	15	0.1
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG12	15	0.1
(1,1155)	1:56:A:GLY:H	1:58:A:VAL:HG13	15	0.1
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	4	0.1
(1,1152)	1:186:A:ILE:HA	1:187:A:ARG:H	11	0.1
(1,938)	1:38:A:LEU:H	1:39:A:SER:HB3	3	0.1
(1,835)	1:111:A:PRO:HG3	1:154:A:ALA:H	14	0.1
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD2	18	0.1
(1,759)	1:63:A:TYR:HD1	1:64:A:ARG:HD3	18	0.1
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD2	18	0.1
(1,759)	1:63:A:TYR:HD2	1:64:A:ARG:HD3	18	0.1
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD1	17	0.1
(1,748)	1:98:A:LEU:HD21	1:99:A:PHE:HD2	17	0.1
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD1	17	0.1
(1,748)	1:98:A:LEU:HD22	1:99:A:PHE:HD2	17	0.1
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD1	17	0.1
(1,748)	1:98:A:LEU:HD23	1:99:A:PHE:HD2	17	0.1
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE1	18	0.1
(1,747)	1:98:A:LEU:HD21	1:168:A:PHE:HE2	18	0.1
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE1	18	0.1
(1,747)	1:98:A:LEU:HD22	1:168:A:PHE:HE2	18	0.1
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE1	18	0.1
(1,747)	1:98:A:LEU:HD23	1:168:A:PHE:HE2	18	0.1
(1,731)	1:28:A:LEU:HD11	1:175:A:PRO:HB3	1	0.1
(1,731)	1:28:A:LEU:HD12	1:175:A:PRO:HB3	1	0.1
(1,731)	1:28:A:LEU:HD13	1:175:A:PRO:HB3	1	0.1
(1,729)	1:153:A:LEU:HG	1:154:A:ALA:HA	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD2	5	0.1
(1,716)	1:95:A:GLU:HG2	1:171:A:LYS:HD3	5	0.1
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD2	5	0.1
(1,716)	1:95:A:GLU:HG3	1:171:A:LYS:HD3	5	0.1
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE1	12	0.1
(1,702)	1:42:A:ALA:HB1	1:80:A:PHE:HE2	12	0.1
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE1	12	0.1
(1,702)	1:42:A:ALA:HB2	1:80:A:PHE:HE2	12	0.1
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE1	12	0.1
(1,702)	1:42:A:ALA:HB3	1:80:A:PHE:HE2	12	0.1
(1,699)	1:64:A:ARG:HD2	1:65:A:THR:HA	8	0.1
(1,699)	1:64:A:ARG:HD3	1:65:A:THR:HA	8	0.1
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB1	7	0.1
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB2	7	0.1
(1,695)	1:53:A:MET:HE1	1:54:A:ALA:HB3	7	0.1
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB1	7	0.1
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB2	7	0.1
(1,695)	1:53:A:MET:HE2	1:54:A:ALA:HB3	7	0.1
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB1	7	0.1
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB2	7	0.1
(1,695)	1:53:A:MET:HE3	1:54:A:ALA:HB3	7	0.1
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB1	17	0.1
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB2	17	0.1
(1,685)	1:86:A:SER:HB2	1:88:A:ALA:HB3	17	0.1
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB1	17	0.1
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB2	17	0.1
(1,685)	1:86:A:SER:HB3	1:88:A:ALA:HB3	17	0.1
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG21	1	0.1
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG22	1	0.1
(1,677)	1:58:A:VAL:HG21	1:59:A:THR:HG23	1	0.1
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG21	1	0.1
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG22	1	0.1
(1,677)	1:58:A:VAL:HG22	1:59:A:THR:HG23	1	0.1
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG21	1	0.1
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG22	1	0.1
(1,677)	1:58:A:VAL:HG23	1:59:A:THR:HG23	1	0.1
(1,670)	1:38:A:LEU:HD21	1:41:A:ILE:HG12	16	0.1
(1,670)	1:38:A:LEU:HD22	1:41:A:ILE:HG12	16	0.1
(1,670)	1:38:A:LEU:HD23	1:41:A:ILE:HG12	16	0.1
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD11	6	0.1
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD12	6	0.1
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD13	6	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD21	6	0.1
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD22	6	0.1
(1,669)	1:24:A:LEU:HB2	1:38:A:LEU:HD23	6	0.1
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD2	3	0.1
(1,622)	1:90:A:LYS:HA	1:90:A:LYS:HD3	3	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	7	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	7	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	7	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	7	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	7	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	7	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	7	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	7	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	7	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD11	8	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD12	8	0.1
(1,614)	1:85:A:ILE:HD11	1:96:A:LEU:HD13	8	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD11	8	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD12	8	0.1
(1,614)	1:85:A:ILE:HD12	1:96:A:LEU:HD13	8	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD11	8	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD12	8	0.1
(1,614)	1:85:A:ILE:HD13	1:96:A:LEU:HD13	8	0.1
(1,587)	1:103:A:GLU:HA	1:107:A:LEU:HG	10	0.1
(1,571)	1:54:A:ALA:HB1	1:58:A:VAL:HB	16	0.1
(1,571)	1:54:A:ALA:HB2	1:58:A:VAL:HB	16	0.1
(1,571)	1:54:A:ALA:HB3	1:58:A:VAL:HB	16	0.1
(1,560)	1:148:A:ILE:HG21	1:151:A:THR:H	8	0.1
(1,560)	1:148:A:ILE:HG22	1:151:A:THR:H	8	0.1
(1,560)	1:148:A:ILE:HG23	1:151:A:THR:H	8	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	1	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	1	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	1	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	1	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	1	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	1	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	1	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	1	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	1	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	3	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	3	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	3	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	3	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	3	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	3	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	3	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	3	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	3	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD11	5	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD12	5	0.1
(1,550)	1:151:A:THR:HG21	1:155:A:LEU:HD13	5	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD11	5	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD12	5	0.1
(1,550)	1:151:A:THR:HG22	1:155:A:LEU:HD13	5	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD11	5	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD12	5	0.1
(1,550)	1:151:A:THR:HG23	1:155:A:LEU:HD13	5	0.1
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG11	20	0.1
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG12	20	0.1
(1,543)	1:96:A:LEU:HD21	1:170:A:VAL:HG13	20	0.1
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG11	20	0.1
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG12	20	0.1
(1,543)	1:96:A:LEU:HD22	1:170:A:VAL:HG13	20	0.1
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG11	20	0.1
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG12	20	0.1
(1,543)	1:96:A:LEU:HD23	1:170:A:VAL:HG13	20	0.1
(1,541)	1:58:A:VAL:HA	1:63:A:TYR:HD1	9	0.1
(1,541)	1:58:A:VAL:HA	1:63:A:TYR:HD2	9	0.1
(1,535)	1:98:A:LEU:HD21	1:166:A:SER:HB3	10	0.1
(1,535)	1:98:A:LEU:HD22	1:166:A:SER:HB3	10	0.1
(1,535)	1:98:A:LEU:HD23	1:166:A:SER:HB3	10	0.1
(1,535)	1:98:A:LEU:HD21	1:166:A:SER:HB2	10	0.1
(1,535)	1:98:A:LEU:HD22	1:166:A:SER:HB2	10	0.1
(1,535)	1:98:A:LEU:HD23	1:166:A:SER:HB2	10	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	7	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	7	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	7	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	13	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	13	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	13	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	16	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	16	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	16	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD21	20	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD22	20	0.1
(1,510)	1:148:A:ILE:HB	1:153:A:LEU:HD23	20	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	4	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	4	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	4	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	4	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	4	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	4	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	8	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	8	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	8	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	8	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	8	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	8	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD21	17	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD22	17	0.1
(1,509)	1:152:A:TYR:HD1	1:153:A:LEU:HD23	17	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD21	17	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD22	17	0.1
(1,509)	1:152:A:TYR:HD2	1:153:A:LEU:HD23	17	0.1
(1,491)	1:3:A:LEU:HD21	1:4:A:GLY:H	13	0.1
(1,491)	1:3:A:LEU:HD22	1:4:A:GLY:H	13	0.1
(1,491)	1:3:A:LEU:HD23	1:4:A:GLY:H	13	0.1
(1,490)	1:124:A:HIS:HD2	1:125:A:TRP:HE1	7	0.1
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD21	11	0.1
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD22	11	0.1
(1,477)	1:137:A:ASN:HD22	1:142:A:LEU:HD23	11	0.1
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD11	12	0.1
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD12	12	0.1
(1,474)	1:138:A:LEU:H	1:138:A:LEU:HD13	12	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	4	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	4	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	4	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG21	7	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG22	7	0.1
(1,473)	1:137:A:ASN:H	1:148:A:ILE:HG23	7	0.1
(1,466)	1:167:A:ILE:HD11	1:168:A:PHE:H	9	0.1
(1,466)	1:167:A:ILE:HD12	1:168:A:PHE:H	9	0.1
(1,466)	1:167:A:ILE:HD13	1:168:A:PHE:H	9	0.1
(1,463)	1:58:A:VAL:HG21	1:59:A:THR:H	9	0.1
(1,463)	1:58:A:VAL:HG22	1:59:A:THR:H	9	0.1
(1,463)	1:58:A:VAL:HG23	1:59:A:THR:H	9	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,456)	1:156:A:PHE:HA	1:159:A:GLN:HE22	12	0.1
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD21	7	0.1
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD22	7	0.1
(1,451)	1:181:A:GLN:H	1:182:A:LEU:HD23	7	0.1
(1,436)	1:149:A:SER:H	1:151:A:THR:H	14	0.1
(1,430)	1:112:A:ILE:HB	1:114:A:GLU:H	13	0.1
(1,425)	1:178:A:GLU:HB2	1:182:A:LEU:H	10	0.1
(1,425)	1:178:A:GLU:HB3	1:182:A:LEU:H	10	0.1
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	6	0.1
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	6	0.1
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	6	0.1
(1,424)	1:51:A:MET:HE1	1:52:A:ARG:H	8	0.1
(1,424)	1:51:A:MET:HE2	1:52:A:ARG:H	8	0.1
(1,424)	1:51:A:MET:HE3	1:52:A:ARG:H	8	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	2	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	2	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	2	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	5	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	5	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	5	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB1	8	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB2	8	0.1
(1,418)	1:53:A:MET:H	1:54:A:ALA:HB3	8	0.1
(1,415)	1:98:A:LEU:HG	1:101:A:SER:H	8	0.1
(1,413)	1:53:A:MET:HE1	1:65:A:THR:H	5	0.1
(1,413)	1:53:A:MET:HE2	1:65:A:THR:H	5	0.1
(1,413)	1:53:A:MET:HE3	1:65:A:THR:H	5	0.1
(1,413)	1:53:A:MET:HE1	1:65:A:THR:H	15	0.1
(1,413)	1:53:A:MET:HE2	1:65:A:THR:H	15	0.1
(1,413)	1:53:A:MET:HE3	1:65:A:THR:H	15	0.1
(1,411)	1:108:A:ARG:H	1:109:A:ILE:HG13	16	0.1
(1,405)	1:45:A:LEU:HD11	1:86:A:SER:H	9	0.1
(1,405)	1:45:A:LEU:HD12	1:86:A:SER:H	9	0.1
(1,405)	1:45:A:LEU:HD13	1:86:A:SER:H	9	0.1
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	1	0.1
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	1	0.1
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	1	0.1
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	3	0.1
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	3	0.1
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	3	0.1
(1,401)	1:91:A:VAL:HG11	1:93:A:GLY:H	18	0.1
(1,401)	1:91:A:VAL:HG12	1:93:A:GLY:H	18	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,401)	1:91:A:VAL:HG13	1:93:A:GLY:H	18	0.1
(1,400)	1:89:A:LEU:HD21	1:93:A:GLY:H	17	0.1
(1,400)	1:89:A:LEU:HD22	1:93:A:GLY:H	17	0.1
(1,400)	1:89:A:LEU:HD23	1:93:A:GLY:H	17	0.1
(1,387)	1:115:A:ARG:HD2	1:117:A:PHE:H	1	0.1
(1,387)	1:115:A:ARG:HD3	1:117:A:PHE:H	1	0.1
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG2	19	0.1
(1,385)	1:68:A:GLN:H	1:69:A:GLN:HG3	19	0.1
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD11	19	0.1
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD12	19	0.1
(1,380)	1:9:A:ILE:H	1:131:A:LEU:HD13	19	0.1
(1,377)	1:40:A:SER:H	1:40:A:SER:HB2	4	0.1
(1,351)	1:154:A:ALA:H	1:156:A:PHE:HB2	2	0.1
(1,348)	1:90:A:LYS:HA	1:94:A:LEU:H	4	0.1
(1,318)	1:14:A:GLN:HE21	1:31:A:GLU:HG3	7	0.1
(1,306)	1:97:A:ILE:HD11	1:101:A:SER:HB2	6	0.1
(1,306)	1:97:A:ILE:HD12	1:101:A:SER:HB2	6	0.1
(1,306)	1:97:A:ILE:HD13	1:101:A:SER:HB2	6	0.1
(1,300)	1:14:A:GLN:HE21	1:31:A:GLU:HB2	2	0.1
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	5	0.1
(1,275)	1:111:A:PRO:HA	1:112:A:ILE:HG12	10	0.1
(1,272)	1:24:A:LEU:HD11	1:85:A:ILE:H	3	0.1
(1,272)	1:24:A:LEU:HD12	1:85:A:ILE:H	3	0.1
(1,272)	1:24:A:LEU:HD13	1:85:A:ILE:H	3	0.1
(1,268)	1:151:A:THR:HG21	1:155:A:LEU:HG	12	0.1
(1,268)	1:151:A:THR:HG22	1:155:A:LEU:HG	12	0.1
(1,268)	1:151:A:THR:HG23	1:155:A:LEU:HG	12	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	5	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	5	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	5	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	5	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	5	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	5	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	5	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	5	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	5	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	7	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	7	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	7	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	7	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	7	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	7	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	7	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	7	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	7	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	15	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	15	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	15	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	15	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	15	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	15	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	15	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	15	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	15	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD21	18	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD22	18	0.1
(1,262)	1:158:A:ALA:HB1	1:160:A:LEU:HD23	18	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD21	18	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD22	18	0.1
(1,262)	1:158:A:ALA:HB2	1:160:A:LEU:HD23	18	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD21	18	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD22	18	0.1
(1,262)	1:158:A:ALA:HB3	1:160:A:LEU:HD23	18	0.1
(1,241)	1:133:A:LYS:H	1:183:A:LEU:HA	1	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	11	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	11	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	11	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG11	18	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG12	18	0.1
(1,231)	1:89:A:LEU:H	1:170:A:VAL:HG13	18	0.1
(1,228)	1:46:A:ASP:H	1:50:A:ARG:H	17	0.1
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG2	15	0.1
(1,209)	1:94:A:LEU:HD11	1:95:A:GLU:HG3	15	0.1
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG2	15	0.1
(1,209)	1:94:A:LEU:HD12	1:95:A:GLU:HG3	15	0.1
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG2	15	0.1
(1,209)	1:94:A:LEU:HD13	1:95:A:GLU:HG3	15	0.1
(1,204)	1:158:A:ALA:HA	1:161:A:GLN:HE22	8	0.1
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	6	0.1
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	6	0.1
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	6	0.1
(1,201)	1:41:A:ILE:HD11	1:85:A:ILE:HA	13	0.1
(1,201)	1:41:A:ILE:HD12	1:85:A:ILE:HA	13	0.1
(1,201)	1:41:A:ILE:HD13	1:85:A:ILE:HA	13	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,191)	1:20:A:ALA:HB1	1:127:A:THR:HB	14	0.1
(1,191)	1:20:A:ALA:HB2	1:127:A:THR:HB	14	0.1
(1,191)	1:20:A:ALA:HB3	1:127:A:THR:HB	14	0.1
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG12	12	0.1
(1,183)	1:85:A:ILE:HD11	1:118:A:ILE:HG13	12	0.1
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG12	12	0.1
(1,183)	1:85:A:ILE:HD12	1:118:A:ILE:HG13	12	0.1
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG12	12	0.1
(1,183)	1:85:A:ILE:HD13	1:118:A:ILE:HG13	12	0.1
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	3	0.1
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	3	0.1
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE1	8	0.1
(1,172)	1:83:A:GLN:H	1:168:A:PHE:HE2	8	0.1
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD1	2	0.1
(1,171)	1:83:A:GLN:H	1:168:A:PHE:HD2	2	0.1
(1,147)	1:98:A:LEU:HD11	1:169:A:VAL:H	7	0.1
(1,147)	1:98:A:LEU:HD12	1:169:A:VAL:H	7	0.1
(1,147)	1:98:A:LEU:HD13	1:169:A:VAL:H	7	0.1
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	6	0.1
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	6	0.1
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG2	14	0.1
(1,65)	1:160:A:LEU:H	1:163:A:GLU:HG3	14	0.1
(1,43)	1:53:A:MET:H	1:53:A:MET:HE1	18	0.1
(1,43)	1:53:A:MET:H	1:53:A:MET:HE2	18	0.1
(1,43)	1:53:A:MET:H	1:53:A:MET:HE3	18	0.1
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD11	5	0.1
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD12	5	0.1
(1,39)	1:65:A:THR:HG21	1:97:A:ILE:HD13	5	0.1
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD11	5	0.1
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD12	5	0.1
(1,39)	1:65:A:THR:HG22	1:97:A:ILE:HD13	5	0.1
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD11	5	0.1
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD12	5	0.1
(1,39)	1:65:A:THR:HG23	1:97:A:ILE:HD13	5	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG21	1	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG22	1	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG23	1	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG21	1	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG22	1	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG23	1	0.1
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG21	1	0.1
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG22	1	0.1

Continued on next page...

Continued from previous page...

Key	Atom-1	Atom-2	Model ID	Violation (Å)
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG23	1	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG21	16	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG22	16	0.1
(1,33)	1:20:A:ALA:HB1	1:85:A:ILE:HG23	16	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG21	16	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG22	16	0.1
(1,33)	1:20:A:ALA:HB2	1:85:A:ILE:HG23	16	0.1
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG21	16	0.1
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG22	16	0.1
(1,33)	1:20:A:ALA:HB3	1:85:A:ILE:HG23	16	0.1
(1,21)	1:82:A:ILE:HG13	1:125:A:TRP:HZ2	1	0.1
(1,14)	1:91:A:VAL:HG21	1:92:A:TRP:HE3	20	0.1
(1,14)	1:91:A:VAL:HG22	1:92:A:TRP:HE3	20	0.1
(1,14)	1:91:A:VAL:HG23	1:92:A:TRP:HE3	20	0.1
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG21	16	0.1
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG22	16	0.1
(1,7)	1:153:A:LEU:HD21	1:167:A:ILE:HG23	16	0.1
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG21	16	0.1
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG22	16	0.1
(1,7)	1:153:A:LEU:HD22	1:167:A:ILE:HG23	16	0.1
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG21	16	0.1
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG22	16	0.1
(1,7)	1:153:A:LEU:HD23	1:167:A:ILE:HG23	16	0.1
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD11	13	0.1
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD12	13	0.1
(1,2)	1:24:A:LEU:HD11	1:85:A:ILE:HD13	13	0.1
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD11	13	0.1
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD12	13	0.1
(1,2)	1:24:A:LEU:HD12	1:85:A:ILE:HD13	13	0.1
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD11	13	0.1
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD12	13	0.1
(1,2)	1:24:A:LEU:HD13	1:85:A:ILE:HD13	13	0.1

10 Dihedral-angle violation analysis

No dihedral-angle restraints found