



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 30, 2026 – 03:11 PM UTC

PDB ID : 4U3U / pdb_00004u3u
Title : Crystal structure of Cycloheximide bound to the yeast 80S ribosome
Authors : Garreau de Loubresse, N.; Prokhorova, I.; Yusupova, G.; Yusupov, M.
Deposited on : 2014-07-22
Resolution : 2.90 Å(reported)

This is a Full wwPDB X-ray 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/XrayValidationReportHelp>

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	:	FAILED
Mogul	:	2022.3.0, CSD as543be (2022)
Xtriage (Phenix)	:	2.0
EDS	:	3.0
Buster-report	:	wwPDB partial adaption of 1.1.7 (2018)
Percentile statistics	:	20250101.v01 (using entries in the PDB archive January 1st 2025)
CCP4	:	9.0.010 (Gargrove)
Density-Fitness	:	1.0.12
Ideal geometry (proteins)	:	Engh & Huber (2001)
Ideal geometry (DNA, RNA)	:	Parkinson et al. (1996)
Validation Pipeline (wwPDB-VP)	:	2.49

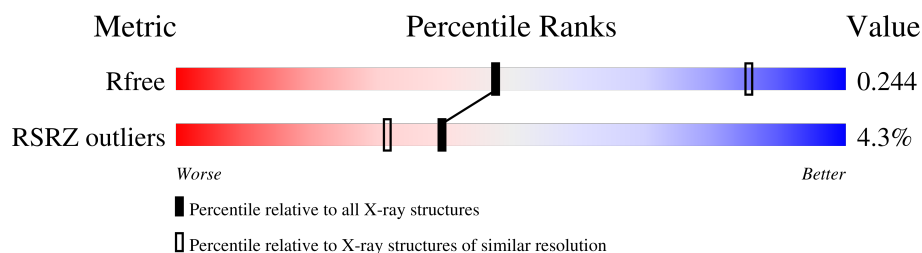
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 2.90 Å.

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)	Similar resolution (#Entries, resolution range(Å))
R_{free}	180053	2481 (2.90-2.90)
RSRZ outliers	180081	2481 (2.90-2.90)

MolProbity failed to run properly - the sequence quality summary graphics cannot be shown.

The following table lists non-polymeric compounds, carbohydrate monomers and non-standard residues in protein, DNA, RNA chains that are outliers for geometric or electron-density-fit criteria:

Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
86	MG	1	3594	-	-	-	X
86	MG	1	3652	-	-	-	X
86	MG	1	3805	-	-	-	X
86	MG	1	3815	-	-	-	X
86	MG	2	1904	-	-	-	X
86	MG	2	1915	-	-	-	X
86	MG	2	1959	-	-	-	X
86	MG	2	1967	-	-	-	X
86	MG	2	1974	-	-	-	X
86	MG	2	2001	-	-	-	X
86	MG	2	2016	-	-	-	X
86	MG	5	3468	-	-	-	X
86	MG	5	3634	-	-	-	X
86	MG	5	3687	-	-	-	X
86	MG	5	3782	-	-	-	X
86	MG	6	2029	-	-	-	X
86	MG	6	2040	-	-	-	X
86	MG	M3	203	-	-	-	X

2 Entry composition

There are 89 unique types of molecules in this entry. The entry contains 411205 atoms, of which 0 are hydrogens and 0 are deuteriums.

In the tables below, the ZeroOcc column contains the number of atoms modelled with zero occupancy, the AltConf column contains the number of residues with at least one atom in alternate conformation and the Trace column contains the number of residues modelled with at most 2 atoms.

- Molecule 1 is a RNA chain called 18S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
1	2	1750	Total	C	N	O	P	0	0	0
			37283	16668	6591	12274	1750			
1	6	1795	Total	C	N	O	P	0	0	0
			38238	17095	6758	12590	1795			

- Molecule 2 is a protein called 40S ribosomal protein S0-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
2	S0	206	Total	C	N	O	S	0	0	0
			1577	1014	278	283	2			
2	s0	206	Total	C	N	O	S	0	0	0
			1583	1017	281	283	2			

- Molecule 3 is a protein called 40S ribosomal protein S1-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
3	S1	214	Total	C	N	O	S	0	0	0
			1709	1084	310	311	4			
3	s1	216	Total	C	N	O	S	0	0	0
			1722	1091	312	315	4			

- Molecule 4 is a protein called 40S ribosomal protein S2.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
4	S2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			
4	s2	217	Total	C	N	O	S	0	0	0
			1635	1047	289	297	2			

- Molecule 5 is a protein called 40S ribosomal protein S3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
5	S3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			
5	s3	223	Total	C	N	O	S	0	0	0
			1734	1101	313	314	6			

- Molecule 6 is a protein called 40S ribosomal protein S4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
6	S4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			
6	s4	260	Total	C	N	O	S	0	0	0
			2068	1316	389	360	3			

- Molecule 7 is a protein called 40S ribosomal protein S5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
7	S5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			
7	s5	206	Total	C	N	O	S	0	0	0
			1609	1007	300	299	3			

- Molecule 8 is a protein called 40S ribosomal protein S6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
8	S6	226	Total	C	N	O	S	0	0	0
			1799	1129	346	321	3			
8	s6	218	Total	C	N	O	S	0	0	0
			1755	1102	337	313	3			

- Molecule 9 is a protein called 40S ribosomal protein S7-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
9	S7	184	Total	C	N	O	0	0	0
			1481	951	265	265			
9	s7	186	Total	C	N	O	0	0	0
			1491	957	267	267			

- Molecule 10 is a protein called 40S ribosomal protein S8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	S8	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
10	s8	188	Total	C	N	O	S	0	0	0
			1489	925	298	264	2			

- Molecule 11 is a protein called 40S ribosomal protein S9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
11	S9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			
11	s9	185	Total	C	N	O	S	0	0	0
			1494	943	289	261	1			

- Molecule 12 is a protein called 40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
12	C0	96	Total	C	N	O	S	0	0	0
			773	500	126	145	2			
12	c0	96	Total	C	N	O	S	0	0	0
			762	491	125	144	2			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C0	89	ALA	GLY	conflict	UNP Q08745
c0	89	ALA	GLY	conflict	UNP Q08745

- Molecule 13 is a protein called 40S ribosomal protein S11-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
13	C1	155	Total	C	N	O	S	0	0	0
			1214	775	230	206	3			
13	c1	146	Total	C	N	O	S	0	0	0
			1168	747	221	197	3			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C1	147	ALA	GLY	conflict	UNP P0CX47
c1	147	ALA	GLY	conflict	UNP P0CX47

- Molecule 14 is a protein called 40S ribosomal protein S12.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
14	C2	124	Total	C	N	O	S	0	0	0
			892	562	156	172	2			
14	c2	124	Total	C	N	O	S	0	0	0
			892	562	156	172	2			

There are 4 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C2	104	ALA	GLY	conflict	UNP P48589
C2	110	ALA	GLY	conflict	UNP P48589
c2	104	ALA	GLY	conflict	UNP P48589
c2	110	ALA	GLY	conflict	UNP P48589

- Molecule 15 is a protein called 40S ribosomal protein S13.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
15	C3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			
15	c3	150	Total	C	N	O	S	0	0	0
			1192	759	224	207	2			

- Molecule 16 is a protein called 40S ribosomal protein S14-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
16	C4	127	Total	C	N	O	S	0	0	0
			891	545	182	163	1			
16	c4	128	Total	C	N	O	S	0	0	0
			949	582	188	176	3			

- Molecule 17 is a protein called 40S ribosomal protein S15.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
17	C5	124	Total	C	N	O	S	0	0	0
			977	622	182	166	7			
17	c5	135	Total	C	N	O	S	0	0	0
			1039	658	196	178	7			

- Molecule 18 is a protein called 40S ribosomal protein S16-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
18	C6	141	Total	C	N	O	0	0	0
			1105	708	203	194			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
18	c6	142	Total	C	N	O	0	0	0
			1111	711	204	196			

- Molecule 19 is a protein called 40S ribosomal protein S17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
19	C7	120	Total	C	N	O	S	0	0	0
			926	577	177	170	2			
19	c7	117	Total	C	N	O	S	0	0	0
			906	563	174	167	2			

- Molecule 20 is a protein called 40S ribosomal protein S18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
20	C8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			
20	c8	145	Total	C	N	O	S	0	0	0
			1192	743	237	210	2			

- Molecule 21 is a protein called 40S ribosomal protein S19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
21	C9	143	Total 1112	C 694	N 208	O 208	S 2	0	0	0
21	c9	143	Total 1112	C 694	N 208	O 208	S 2	0	0	0

- Molecule 22 is a protein called 40S ribosomal protein S20.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
22	D0	107	Total	C	N	O	S	0	0	0
			855	539	156	159	1			
22	d0	110	Total	C	N	O	S	0	0	0
			882	554	161	166	1			

- Molecule 23 is a protein called 40S ribosomal protein S21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
23	D1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			
23	d1	87	Total	C	N	O	S	0	0	0
			684	420	125	137	2			

- Molecule 24 is a protein called 40S ribosomal protein S22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
24	D2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			
24	d2	129	Total	C	N	O	S	0	0	0
			1021	650	188	180	3			

- Molecule 25 is a protein called 40S ribosomal protein S23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
25	D3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			
25	d3	144	Total	C	N	O	S	0	0	0
			1121	708	220	191	2			

- Molecule 26 is a protein called 40S ribosomal protein S24-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
26	D4	134	Total	C	N	O	0	0	0
			1073	676	208	189			
26	d4	134	Total	C	N	O	0	0	0
			1073	676	208	189			

- Molecule 27 is a protein called 40S ribosomal protein S25-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
27	D5	70	Total	C	N	O	0	0	0
			563	360	104	99			
27	d5	69	Total	C	N	O	0	0	0
			558	357	103	98			

- Molecule 28 is a protein called 40S ribosomal protein S26-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
28	D6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			
28	d6	97	Total	C	N	O	S	0	0	0
			769	475	160	129	5			

- Molecule 29 is a protein called 40S ribosomal protein S27-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
29	D7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			
29	d7	81	Total	C	N	O	S	0	0	0
			610	382	110	113	5			

- Molecule 30 is a protein called 40S ribosomal protein S28-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
30	D8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			
30	d8	63	Total	C	N	O	S	0	0	0
			497	306	99	91	1			

- Molecule 31 is a protein called 40S ribosomal protein S29-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
31	D9	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			
31	d9	53	Total	C	N	O	S	0	0	0
			442	274	92	72	4			

- Molecule 32 is a protein called 40S ribosomal protein S30-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
32	E0	60	Total	C	N	O	S	0	0	0
			475	299	98	77	1			

- Molecule 33 is a protein called Ubiquitin-40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
33	E1	71	Total	C	N	O	S	0	0	0
			566	362	106	94	4			

- Molecule 34 is a protein called Guanine nucleotide-binding protein subunit beta-like protein.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
34	SR	318	Total	C	N	O	S	0	0	0
			2441	1544	419	470	8			
34	sR	318	Total	C	N	O	S	0	0	0
			2442	1544	418	472	8			

- Molecule 35 is a protein called Suppressor protein STM1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
35	SM	159	Total	C	N	O	0	0	0
			1104	652	221	231			
35	sM	104	Total	C	N	O	0	0	0
			680	403	140	137			

- Molecule 36 is a RNA chain called 25S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
36	1	3149	Total	C	N	O	P	0	0	0
			67355	30086	12142	21978	3149			
36	5	3150	Total	C	N	O	P	0	0	0
			67376	30095	12145	21987	3149			

- Molecule 37 is a RNA chain called 5S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
37	3	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			
37	7	121	Total	C	N	O	P	0	0	0
			2579	1152	461	845	121			

- Molecule 38 is a RNA chain called 5.8S ribosomal RNA.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
38	4	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			
38	8	158	Total	C	N	O	P	0	0	0
			3353	1500	586	1109	158			

- Molecule 39 is a protein called 60S ribosomal protein L2-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
39	L2	252	Total	C	N	O	S	0	0	0
			1914	1191	388	334	1			
39	l2	252	Total	C	N	O	S	0	0	0
			1912	1190	388	333	1			

- Molecule 40 is a protein called 60S ribosomal protein L3.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
40	L3	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
40	l3	386	Total	C	N	O	S	0	0	0
			3075	1950	584	533	8			

- Molecule 41 is a protein called 60S ribosomal protein L4-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
41	L4	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			
41	l4	361	Total	C	N	O	S	0	0	0
			2748	1729	522	494	3			

- Molecule 42 is a protein called 60S ribosomal protein L5.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
42	L5	296	Total	C	N	O	S	0	0	0
			2375	1501	414	458	2			
42	l5	294	Total	C	N	O	S	0	0	0
			2359	1489	412	456	2			

- Molecule 43 is a protein called 60S ribosomal protein L6-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
43	L6	156	Total	C	N	O	S	0	0	0
			1239	800	222	216	1			
43	l6	157	Total	C	N	O	S	0	0	0
			1248	806	224	217	1			

- Molecule 44 is a protein called 60S ribosomal protein L7-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
44	L7	222	Total	C	N	O	S	0	0	0
			1784	1151	324	308	1			
44	l7	223	Total	C	N	O	S	0	0	0
			1791	1155	325	310	1			

- Molecule 45 is a protein called 60S ribosomal protein L8-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	L8	233	Total	C	N	O	S	0	0	0
			1804	1151	323	327	3			
45	l8	231	Total	C	N	O	S	0	0	0
			1764	1131	316	314	3			

- Molecule 46 is a protein called 60S ribosomal protein L9-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
46	L9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			
46	l9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			

- Molecule 47 is a protein called 60S ribosomal protein L10.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
47	M0	211	Total	C	N	O	S	0	0	0
			1705	1083	322	294	6			
47	m0	213	Total	C	N	O	S	0	0	0
			1722	1094	325	297	6			

- Molecule 48 is a protein called 60S ribosomal protein L11-B.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
48	M1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			
48	m1	169	Total	C	N	O	S	0	0	0
			1353	847	253	249	4			

- Molecule 49 is a protein called 60S ribosomal protein L13-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
49	M3	193	Total	C	N	O	0	0	0
			1543	962	315	266			
49	m3	194	Total	C	N	O	0	0	0
			1548	965	316	267			

- Molecule 50 is a protein called 60S ribosomal protein L14-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
50	M4	136	Total	C	N	O	S	0	0	0
			1053	675	199	177	2			
50	m4	137	Total	C	N	O	S	0	0	0
			1059	678	200	179	2			

- Molecule 51 is a protein called 60S ribosomal protein L15-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
51	M5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			
51	m5	203	Total	C	N	O	S	0	0	0
			1720	1077	361	281	1			

- Molecule 52 is a protein called 60S ribosomal protein L16-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
52	M6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			
52	m6	197	Total	C	N	O	S	0	0	0
			1555	1003	289	262	1			

- Molecule 53 is a protein called 60S ribosomal protein L17-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
53	M7	183	Total	C	N	O		0	0	0
			1420	882	281	257				
53	m7	155	Total	C	N	O		0	0	0
			1227	764	238	225				

- Molecule 54 is a protein called 60S ribosomal protein L18-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
54	M8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			
54	m8	185	Total	C	N	O	S	0	0	0
			1441	908	290	241	2			

- Molecule 55 is a protein called 60S ribosomal protein L19-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
55	M9	188	Total	C	N	O		0	0	0
			1521	935	326	260				
55	m9	188	Total	C	N	O		0	0	0
			1521	935	326	260				

- Molecule 56 is a protein called 60S ribosomal protein L20-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
56	N0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
56	n0	172	Total	C	N	O	S	0	0	0
			1445	930	267	244	4			

- Molecule 57 is a protein called 60S ribosomal protein L21-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
57	N1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			
57	n1	159	Total	C	N	O	S	0	0	0
			1276	805	246	221	4			

- Molecule 58 is a protein called 60S ribosomal protein L22-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
58	N2	100	Total	C	N	O	S	0	0	0
			796	516	131	149				
58	n2	98	Total	C	N	O	S	0	0	0
			778	505	127	146				

- Molecule 59 is a protein called 60S ribosomal protein L23-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
59	N3	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			
59	n3	136	Total	C	N	O	S	0	0	0
			1003	628	189	179	7			

- Molecule 60 is a protein called 60S ribosomal protein L24-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
60	N4	98	Total	C	N	O	S	0	0	0
			699	443	137	118	1			
60	n4	135	Total	C	N	O	S	0	0	0
			1038	651	206	180	1			

- Molecule 61 is a protein called 60S ribosomal protein L25.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
61	N5	121	Total	C	N	O	S	0	0	0
			964	620	169	173	2			
61	n5	120	Total	C	N	O	S	0	0	0
			959	617	168	172	2			

- Molecule 62 is a protein called 60S ribosomal protein L26-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
62	N6	126	Total	C	N	O	0	0	0
			993	625	192	176			
62	n6	126	Total	C	N	O	0	0	0
			993	625	192	176			

- Molecule 63 is a protein called 60S ribosomal protein L27-A.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
63	N7	135	Total	C	N	O	0	0	0
			1092	710	202	180			
63	n7	135	Total	C	N	O	0	0	0
			1092	710	202	180			

- Molecule 64 is a protein called 60S ribosomal protein L28.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
64	N8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			
64	n8	148	Total	C	N	O	S	0	0	0
			1173	749	231	190	3			

- Molecule 65 is a protein called 60S ribosomal protein L29.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
65	N9	58	Total	C	N	O	0	0	0
			462	289	100	73			
65	n9	58	Total	C	N	O	0	0	0
			462	289	100	73			

- Molecule 66 is a protein called 60S ribosomal protein L30.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
66	O0	97	Total	C	N	O	S	0	0	0
			743	479	124	139	1			
66	o0	100	Total	C	N	O	S	0	0	0
			767	492	128	146	1			

- Molecule 67 is a protein called 60S ribosomal protein L31-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
67	O1	109	Total	C	N	O	S	0	0	0
			876	556	167	152	1			
67	o1	109	Total	C	N	O	S	0	0	0
			883	559	167	156	1			

- Molecule 68 is a protein called 60S ribosomal protein L32.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
68	O2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			
68	o2	127	Total	C	N	O	S	0	0	0
			1020	647	205	167	1			

- Molecule 69 is a protein called 60S ribosomal protein L33-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
69	O3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			
69	o3	106	Total	C	N	O	S	0	0	0
			850	540	165	144	1			

- Molecule 70 is a protein called 60S ribosomal protein L34-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
70	O4	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			
70	o4	112	Total	C	N	O	S	0	0	0
			880	545	179	152	4			

- Molecule 71 is a protein called 60S ribosomal protein L35-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
71	O5	119	Total	C	N	O	S	0	0	0
			969	615	186	167	1			
71	o5	119	Total	C	N	O	S	0	0	0
			965	612	185	167	1			

- Molecule 72 is a protein called 60S ribosomal protein L36-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
72	O6	99	Total	C	N	O	S	0	0	0
			771	481	156	132	2			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
72	o6	99	Total	C	N	O	S	0	0	0
			770	481	156	131	2			

- Molecule 73 is a protein called 60S ribosomal protein L37-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
73	O7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			
73	o7	87	Total	C	N	O	S	0	0	0
			681	414	148	114	5			

- Molecule 74 is a protein called 60S ribosomal protein L38.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
74	O8	77	Total	C	N	O	S	0	0	0
			612	391	115	106				
74	o8	77	Total	C	N	O	S	0	0	0
			608	388	114	106				

- Molecule 75 is a protein called 60S ribosomal protein L39.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
75	O9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			
75	o9	50	Total	C	N	O	S	0	0	0
			436	272	97	65	2			

- Molecule 76 is a protein called Ubiquitin-60S ribosomal protein L40.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
76	Q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			
76	q0	52	Total	C	N	O	S	0	0	0
			417	259	86	67	5			

- Molecule 77 is a protein called 60S ribosomal protein L41-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
77	Q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			
77	q1	25	Total	C	N	O	S	0	0	0
			233	142	63	27	1			

- Molecule 78 is a protein called 60S ribosomal protein L42-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
78	Q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			
78	q2	105	Total	C	N	O	S	0	0	0
			847	534	170	138	5			

- Molecule 79 is a protein called 60S ribosomal protein L43-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
79	Q3	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			
79	q3	91	Total	C	N	O	S	0	0	0
			694	429	138	121	6			

- Molecule 80 is a protein called 40S ribosomal protein S30-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	e0	62	Total	C	N	O	S	0	0	0
			491	309	101	80	1			

- Molecule 81 is a protein called Ubiquitin-40S ribosomal protein S31.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
81	e1	76	Total	C	N	O	S	0	0	0
			608	388	117	99	4			

- Molecule 82 is a protein called UNKNOWN PROTEIN m2.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
82	m2	150	Total	C	N	O	0	0	0
			750	450	150	150			

- Molecule 83 is a protein called 60S acidic ribosomal protein P0.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
83	p0	143	Total	C	N	O	S	0	0	0
			1077	687	192	195	3			

- Molecule 84 is a protein called UNKNOWN PROTEIN p1.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
84	p1	47	Total	C	N	O	0	0	0
			235	141	47	47			

- Molecule 85 is a protein called UNKNOWN PROTEIN p2.

Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
85	p2	46	Total	C	N	O	0	0	0
			230	138	46	46			

- Molecule 86 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	2	122	Total	Mg	0	0
			122	122		
86	S2	1	Total	Mg	0	0
			1	1		
86	S4	1	Total	Mg	0	0
			1	1		
86	S8	1	Total	Mg	0	0
			1	1		
86	C3	1	Total	Mg	0	0
			1	1		
86	D0	1	Total	Mg	0	0
			1	1		
86	D3	1	Total	Mg	0	0
			1	1		
86	SM	1	Total	Mg	0	0
			1	1		
86	1	471	Total	Mg	0	0
			471	471		
86	3	14	Total	Mg	0	0
			14	14		
86	4	22	Total	Mg	0	0
			22	22		
86	L2	1	Total	Mg	0	0
			1	1		
86	L3	3	Total	Mg	0	0
			3	3		
86	L4	1	Total	Mg	0	0
			1	1		
86	L5	1	Total	Mg	0	0
			1	1		
86	L7	3	Total	Mg	0	0
			3	3		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	L8	1	Total 1	Mg 1	0	0
86	M0	2	Total 2	Mg 2	0	0
86	M1	1	Total 1	Mg 1	0	0
86	M3	4	Total 4	Mg 4	0	0
86	M5	2	Total 2	Mg 2	0	0
86	M6	1	Total 1	Mg 1	0	0
86	M7	6	Total 6	Mg 6	0	0
86	M9	1	Total 1	Mg 1	0	0
86	N0	1	Total 1	Mg 1	0	0
86	N3	3	Total 3	Mg 3	0	0
86	N5	1	Total 1	Mg 1	0	0
86	N8	4	Total 4	Mg 4	0	0
86	O1	1	Total 1	Mg 1	0	0
86	O3	1	Total 1	Mg 1	0	0
86	O4	2	Total 2	Mg 2	0	0
86	O7	1	Total 1	Mg 1	0	0
86	Q2	1	Total 1	Mg 1	0	0
86	6	147	Total 147	Mg 147	0	0
86	s1	1	Total 1	Mg 1	0	0
86	s6	1	Total 1	Mg 1	0	0
86	s8	1	Total 1	Mg 1	0	0

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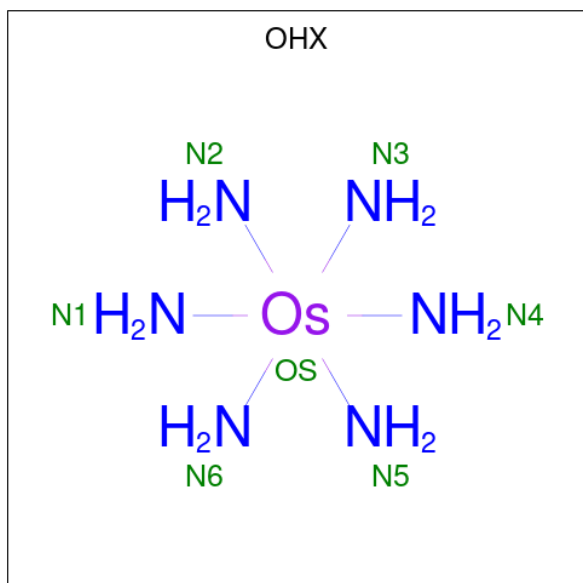
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	c1	1	Total 1	Mg 1	0	0
86	c4	1	Total 1	Mg 1	0	0
86	c7	2	Total 2	Mg 2	0	0
86	c8	2	Total 2	Mg 2	0	0
86	d3	1	Total 1	Mg 1	0	0
86	d4	1	Total 1	Mg 1	0	0
86	d6	1	Total 1	Mg 1	0	0
86	sM	2	Total 2	Mg 2	0	0
86	5	505	Total 505	Mg 505	0	0
86	7	15	Total 15	Mg 15	0	0
86	8	13	Total 13	Mg 13	0	0
86	l2	2	Total 2	Mg 2	0	0
86	l3	1	Total 1	Mg 1	0	0
86	l4	2	Total 2	Mg 2	0	0
86	l5	2	Total 2	Mg 2	0	0
86	l7	1	Total 1	Mg 1	0	0
86	l8	1	Total 1	Mg 1	0	0
86	m1	2	Total 2	Mg 2	0	0
86	m5	2	Total 2	Mg 2	0	0
86	m6	1	Total 1	Mg 1	0	0
86	m7	4	Total 4	Mg 4	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
86	n0	2	Total 2	Mg 2	0	0
86	n3	2	Total 2	Mg 2	0	0
86	n6	2	Total 2	Mg 2	0	0
86	n8	3	Total 3	Mg 3	0	0
86	o1	2	Total 2	Mg 2	0	0
86	o3	1	Total 1	Mg 1	0	0
86	o4	2	Total 2	Mg 2	0	0
86	o7	1	Total 1	Mg 1	0	0
86	q0	1	Total 1	Mg 1	0	0
86	q3	2	Total 2	Mg 2	0	0

- Molecule 87 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
87	2	1	Total	N	Os	0	0
			7	6	1		
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		
87	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	1	1	Total	N	Os	0	0
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87	1	1	Total	N	Os	0	0
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87	3	1	Total	N	Os	0	0
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87	3	1	Total	N	Os	0	0
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			7	6	1		
87	3	1	Total	N	Os	0	0
			7	6	1		
87	3	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	3	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	4	1	Total 7	N 6	Os 1	0	0
87	L3	1	Total 7	N 6	Os 1	0	0
87	L3	1	Total 7	N 6	Os 1	0	0
87	L3	1	Total 7	N 6	Os 1	0	0
87	L4	1	Total 7	N 6	Os 1	0	0
87	M0	1	Total 7	N 6	Os 1	0	0
87	M5	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	M7	1	Total	N	Os	0	0
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87	M9	1	Total	N	Os	0	0
			7	6	1		
87	N1	1	Total	N	Os	0	0
			7	6	1		
87	N9	1	Total	N	Os	0	0
			7	6	1		
87	O2	1	Total	N	Os	0	0
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87	O3	1	Total	N	Os	0	0
			7	6	1		
87	O7	1	Total	N	Os	0	0
			7	6	1		
87	O7	1	Total	N	Os	0	0
			7	6	1		
87	O9	1	Total	N	Os	0	0
			7	6	1		
87	Q2	1	Total	N	Os	0	0
			7	6	1		
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
			7	6	1		
87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
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87	6	1	Total	N	Os	0	0
			7	6	1		
87	6	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	6	1	Total 7	N 6	Os 1	0	0
87	6	1	Total 7	N 6	Os 1	0	0
87	s1	1	Total 7	N 6	Os 1	0	0
87	s4	1	Total 7	N 6	Os 1	0	0
87	s8	1	Total 7	N 6	Os 1	0	0
87	s9	1	Total 7	N 6	Os 1	0	0
87	c1	1	Total 7	N 6	Os 1	0	0
87	c3	1	Total 7	N 6	Os 1	0	0
87	c5	1	Total 7	N 6	Os 1	0	0
87	c8	1	Total 7	N 6	Os 1	0	0
87	d4	1	Total 7	N 6	Os 1	0	0
87	d9	1	Total 7	N 6	Os 1	0	0
87	sR	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0
87	5	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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87	5	1	Total	N	Os	0	0
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87	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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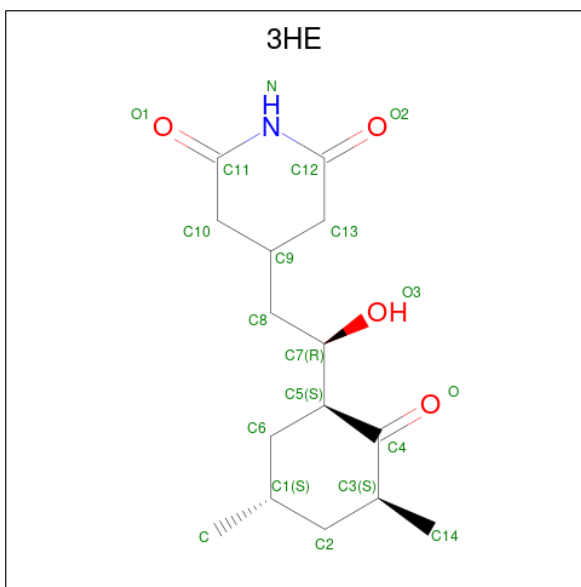
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
87	l5	1	Total	N	Os	0	0
			7	6	1		
87	l5	1	Total	N	Os	0	0
			7	6	1		
87	l5	1	Total	N	Os	0	0
			7	6	1		
87	l9	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m0	1	Total	N	Os	0	0
			7	6	1		
87	m1	1	Total	N	Os	0	0
			7	6	1		
87	m4	1	Total	N	Os	0	0
			7	6	1		
87	m5	1	Total	N	Os	0	0
			7	6	1		
87	m6	1	Total	N	Os	0	0
			7	6	1		
87	m7	1	Total	N	Os	0	0
			7	6	1		
87	m8	1	Total	N	Os	0	0
			7	6	1		
87	n3	1	Total	N	Os	0	0
			7	6	1		
87	n9	1	Total	N	Os	0	0
			7	6	1		
87	o2	1	Total	N	Os	0	0
			7	6	1		
87	o3	1	Total	N	Os	0	0
			7	6	1		
87	o7	1	Total	N	Os	0	0
			7	6	1		
87	o9	1	Total	N	Os	0	0
			7	6	1		
87	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 88 is ZINC ION (CCD ID: ZN) (formula: Zn).

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
88	D6	1	Total Zn 1 1	0	0
88	D7	1	Total Zn 1 1	0	0
88	D9	1	Total Zn 1 1	0	0
88	E1	1	Total Zn 1 1	0	0
88	O7	1	Total Zn 1 1	0	0
88	Q0	1	Total Zn 1 1	0	0
88	Q2	1	Total Zn 1 1	0	0
88	Q3	1	Total Zn 1 1	0	0
88	d6	1	Total Zn 1 1	0	0
88	d7	1	Total Zn 1 1	0	0
88	d9	1	Total Zn 1 1	0	0
88	e1	1	Total Zn 1 1	0	0
88	o7	1	Total Zn 1 1	0	0
88	q0	1	Total Zn 1 1	0	0
88	q2	1	Total Zn 1 1	0	0
88	q3	1	Total Zn 1 1	0	0

- Molecule 89 is 4-{(2R)-2-[(1S,3S,5S)-3,5-dimethyl-2-oxocyclohexyl]-2-hydroxyethyl}piperidine-2,6-dione (CCD ID: 3HE) (formula: C₁₅H₂₃NO₄).



Mol	Chain	Residues	Atoms				ZeroOcc	AltConf
89	1	1	Total	C	N	O	0	0
			20	15	1	4		
89	5	1	Total	C	N	O	0	0
			20	15	1	4		

MolProbity failed to run properly - this section is therefore empty.

3 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	436.43Å 288.22Å 305.08Å 90.00° 98.99° 90.00°	Depositor
Resolution (Å)	267.37 – 2.90 267.37 – 2.90	Depositor EDS
% Data completeness (in resolution range)	100.0 (267.37-2.90) 99.9 (267.37-2.90)	Depositor EDS
R_{merge}	0.40	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.32 (at 2.91Å)	Xtriage
Refinement program	PHENIX (phenix.refine: dev_1702)	Depositor
R, R_{free}	0.204 , 0.245 0.205 , 0.244	Depositor DCC
R_{free} test set	32792 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å ²)	66.3	Xtriage
Anisotropy	0.213	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.31 , 58.1	EDS
L-test for twinning ²	$\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.30$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	411205	wwPDB-VP
Average B, all atoms (Å ²)	63.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.46% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

²Theoretical values of $\langle |L| \rangle$, $\langle L^2 \rangle$ for acentric reflections are 0.5, 0.333 respectively for untwinned datasets, and 0.375, 0.2 for perfectly twinned datasets.

4 Model quality [i](#)

4.1 Standard geometry [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.2 Too-close contacts [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3 Torsion angles [i](#)

4.3.1 Protein backbone [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.2 Protein sidechains [i](#)

MolProbity failed to run properly - this section is therefore empty.

4.3.3 RNA [i](#)

MolProbity failed to run properly - this section is therefore empty.

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

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

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry [i](#)

Of 2559 ligands modelled in this entry, 1424 are monoatomic - leaving 1135 for Mogul analysis.

In the following table, the Counts columns list the number of bonds (or angles) for which Mogul statistics could be retrieved, the number of bonds (or angles) that are observed in the model and the number of bonds (or angles) that are defined in the Chemical Component Dictionary. The Link column lists molecule types, if any, to which the group is linked. The Z score for a bond

length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 2$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
87	OHX	1	4081	-	0,6,6	-	-	-		
87	OHX	2	2050	-	0,6,6	-	-	-		
87	OHX	1	4026	-	0,6,6	-	-	-		
87	OHX	2	2039	-	0,6,6	-	-	-		
87	OHX	6	2105	-	0,6,6	-	-	-		
87	OHX	5	3904	-	0,6,6	-	-	-		
87	OHX	5	4018	-	0,6,6	-	-	-		
87	OHX	1	4064	-	0,6,6	-	-	-		
87	OHX	2	2085	-	0,6,6	-	-	-		
87	OHX	5	4110	-	0,6,6	-	-	-		
87	OHX	2	2143	-	0,6,6	-	-	-		
87	OHX	2	2175	-	0,6,6	-	-	-		
87	OHX	1	3927	-	0,6,6	-	-	-		
87	OHX	5	4214	-	0,6,6	-	-	-		
87	OHX	5	4173	-	0,6,6	-	-	-		
87	OHX	5	3921	-	0,6,6	-	-	-		
87	OHX	1	3906	-	0,6,6	-	-	-		
87	OHX	6	2101	-	0,6,6	-	-	-		
87	OHX	5	4181	-	0,6,6	-	-	-		
87	OHX	1	4010	-	0,6,6	-	-	-		
87	OHX	1	3878	-	0,6,6	-	-	-		
87	OHX	5	4148	-	0,6,6	-	-	-		
87	OHX	6	2146	-	0,6,6	-	-	-		
87	OHX	5	4206	-	0,6,6	-	-	-		
87	OHX	5	3923	-	0,6,6	-	-	-		
87	OHX	1	3993	-	0,6,6	-	-	-		
87	OHX	5	4079	-	0,6,6	-	-	-		
87	OHX	5	4135	-	0,6,6	-	-	-		
87	OHX	1	3938	-	0,6,6	-	-	-		
87	OHX	6	2201	-	0,6,6	-	-	-		
87	OHX	6	2083	-	0,6,6	-	-	-		
87	OHX	1	4124	-	0,6,6	-	-	-		
87	OHX	5	4224	-	0,6,6	-	-	-		
87	OHX	1	4154	-	0,6,6	-	-	-		
87	OHX	1	3914	-	0,6,6	-	-	-		
87	OHX	1	4013	-	0,6,6	-	-	-		
87	OHX	5	3939	-	0,6,6	-	-	-		
87	OHX	5	4163	-	0,6,6	-	-	-		
87	OHX	6	2061	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4057	-	0,6,6	-	-	-		
87	OHX	5	4016	-	0,6,6	-	-	-		
87	OHX	1	4003	-	0,6,6	-	-	-		
87	OHX	5	4189	-	0,6,6	-	-	-		
87	OHX	5	4208	-	0,6,6	-	-	-		
87	OHX	5	4038	-	0,6,6	-	-	-		
87	OHX	6	2161	-	0,6,6	-	-	-		
87	OHX	1	3891	-	0,6,6	-	-	-		
87	OHX	1	4118	-	0,6,6	-	-	-		
87	OHX	6	2129	-	0,6,6	-	-	-		
87	OHX	1	4175	-	0,6,6	-	-	-		
87	OHX	5	4123	-	0,6,6	-	-	-		
87	OHX	1	3954	-	0,6,6	-	-	-		
87	OHX	5	3915	-	0,6,6	-	-	-		
87	OHX	5	3911	-	0,6,6	-	-	-		
87	OHX	1	3917	-	0,6,6	-	-	-		
87	OHX	6	2179	-	0,6,6	-	-	-		
87	OHX	5	4060	-	0,6,6	-	-	-		
87	OHX	5	3964	-	0,6,6	-	-	-		
87	OHX	3	217	-	0,6,6	-	-	-		
87	OHX	5	4160	-	0,6,6	-	-	-		
87	OHX	D9	102	-	0,6,6	-	-	-		
87	OHX	1	4094	-	0,6,6	-	-	-		
87	OHX	2	2150	-	0,6,6	-	-	-		
87	OHX	5	4029	-	0,6,6	-	-	-		
87	OHX	2	2089	-	0,6,6	-	-	-		
87	OHX	1	4129	-	0,6,6	-	-	-		
87	OHX	M7	207	-	0,6,6	-	-	-		
87	OHX	6	2127	-	0,6,6	-	-	-		
87	OHX	1	3908	-	0,6,6	-	-	-		
87	OHX	1	4185	-	0,6,6	-	-	-		
87	OHX	1	4162	-	0,6,6	-	-	-		
87	OHX	6	2051	-	0,6,6	-	-	-		
87	OHX	6	2114	-	0,6,6	-	-	-		
87	OHX	5	3955	-	0,6,6	-	-	-		
87	OHX	8	215	-	0,6,6	-	-	-		
87	OHX	1	3875	-	0,6,6	-	-	-		
87	OHX	5	4040	-	0,6,6	-	-	-		
87	OHX	2	2034	-	0,6,6	-	-	-		
87	OHX	1	3879	-	0,6,6	-	-	-		
87	OHX	2	2079	-	0,6,6	-	-	-		
87	OHX	L3	406	-	0,6,6	-	-	-		
87	OHX	6	2197	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4150	-	0,6,6	-	-	-		
87	OHX	1	4201	-	0,6,6	-	-	-		
87	OHX	5	4198	-	0,6,6	-	-	-		
87	OHX	5	4199	-	0,6,6	-	-	-		
87	OHX	m5	303	-	0,6,6	-	-	-		
87	OHX	C5	201	-	0,6,6	-	-	-		
87	OHX	5	3902	-	0,6,6	-	-	-		
87	OHX	5	4180	-	0,6,6	-	-	-		
87	OHX	2	2172	-	0,6,6	-	-	-		
87	OHX	5	4200	-	0,6,6	-	-	-		
87	OHX	5	3951	-	0,6,6	-	-	-		
87	OHX	5	4245	-	0,6,6	-	-	-		
87	OHX	1	3868	-	0,6,6	-	-	-		
87	OHX	2	2168	-	0,6,6	-	-	-		
87	OHX	6	2160	-	0,6,6	-	-	-		
87	OHX	5	3969	-	0,6,6	-	-	-		
87	OHX	1	3953	-	0,6,6	-	-	-		
87	OHX	8	225	-	0,6,6	-	-	-		
87	OHX	5	4177	-	0,6,6	-	-	-		
87	OHX	5	4228	-	0,6,6	-	-	-		
87	OHX	5	4128	-	0,6,6	-	-	-		
87	OHX	1	4032	-	0,6,6	-	-	-		
87	OHX	1	3948	-	0,6,6	-	-	-		
87	OHX	6	2049	-	0,6,6	-	-	-		
87	OHX	1	3957	-	0,6,6	-	-	-		
87	OHX	5	4197	-	0,6,6	-	-	-		
87	OHX	1	4163	-	0,6,6	-	-	-		
87	OHX	8	218	-	0,6,6	-	-	-		
87	OHX	1	4011	-	0,6,6	-	-	-		
87	OHX	1	3961	-	0,6,6	-	-	-		
87	OHX	6	2122	-	0,6,6	-	-	-		
87	OHX	5	3924	-	0,6,6	-	-	-		
87	OHX	1	3897	-	0,6,6	-	-	-		
87	OHX	5	3968	-	0,6,6	-	-	-		
87	OHX	5	3978	-	0,6,6	-	-	-		
87	OHX	5	4006	-	0,6,6	-	-	-		
87	OHX	1	3881	-	0,6,6	-	-	-		
87	OHX	6	2170	-	0,6,6	-	-	-		
87	OHX	1	3976	-	0,6,6	-	-	-		
87	OHX	1	4092	-	0,6,6	-	-	-		
87	OHX	1	4199	-	0,6,6	-	-	-		
87	OHX	4	234	-	0,6,6	-	-	-		
87	OHX	1	4052	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4112	-	0,6,6	-	-	-		
87	OHX	6	2095	-	0,6,6	-	-	-		
87	OHX	1	4025	-	0,6,6	-	-	-		
87	OHX	1	4046	-	0,6,6	-	-	-		
87	OHX	5	4136	-	0,6,6	-	-	-		
87	OHX	1	4137	-	0,6,6	-	-	-		
87	OHX	1	4151	-	0,6,6	-	-	-		
87	OHX	5	3907	-	0,6,6	-	-	-		
87	OHX	6	2167	-	0,6,6	-	-	-		
87	OHX	6	2191	-	0,6,6	-	-	-		
87	OHX	5	4030	-	0,6,6	-	-	-		
87	OHX	6	2155	-	0,6,6	-	-	-		
87	OHX	1	3991	-	0,6,6	-	-	-		
87	OHX	1	4096	-	0,6,6	-	-	-		
87	OHX	1	4146	-	0,6,6	-	-	-		
87	OHX	5	4015	-	0,6,6	-	-	-		
87	OHX	3	220	-	0,6,6	-	-	-		
87	OHX	5	4041	-	0,6,6	-	-	-		
87	OHX	5	4205	-	0,6,6	-	-	-		
87	OHX	1	4128	-	0,6,6	-	-	-		
87	OHX	5	4217	-	0,6,6	-	-	-		
87	OHX	1	3956	-	0,6,6	-	-	-		
87	OHX	1	4134	-	0,6,6	-	-	-		
87	OHX	1	3909	-	0,6,6	-	-	-		
87	OHX	6	2144	-	0,6,6	-	-	-		
87	OHX	2	2146	-	0,6,6	-	-	-		
87	OHX	5	4071	-	0,6,6	-	-	-		
87	OHX	6	2134	-	0,6,6	-	-	-		
87	OHX	1	4033	-	0,6,6	-	-	-		
87	OHX	s4	301	-	0,6,6	-	-	-		
87	OHX	2	2075	-	0,6,6	-	-	-		
87	OHX	5	4124	-	0,6,6	-	-	-		
87	OHX	1	3922	-	0,6,6	-	-	-		
87	OHX	5	3933	-	0,6,6	-	-	-		
87	OHX	1	3992	-	0,6,6	-	-	-		
87	OHX	1	4006	-	0,6,6	-	-	-		
87	OHX	1	4204	-	0,6,6	-	-	-		
87	OHX	5	3974	-	0,6,6	-	-	-		
87	OHX	5	4047	-	0,6,6	-	-	-		
87	OHX	5	4035	-	0,6,6	-	-	-		
87	OHX	1	3894	-	0,6,6	-	-	-		
87	OHX	5	4162	-	0,6,6	-	-	-		
87	OHX	1	3940	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4056	-	0,6,6	-	-	-		
87	OHX	1	4213	-	0,6,6	-	-	-		
87	OHX	1	4008	-	0,6,6	-	-	-		
87	OHX	5	3990	-	0,6,6	-	-	-		
87	OHX	o9	101	-	0,6,6	-	-	-		
87	OHX	2	2113	-	0,6,6	-	-	-		
87	OHX	1	4043	-	0,6,6	-	-	-		
87	OHX	6	2131	-	0,6,6	-	-	-		
87	OHX	5	4126	-	0,6,6	-	-	-		
87	OHX	3	219	-	0,6,6	-	-	-		
87	OHX	5	4237	-	0,6,6	-	-	-		
87	OHX	L3	404	-	0,6,6	-	-	-		
87	OHX	1	4020	-	0,6,6	-	-	-		
87	OHX	N9	101	-	0,6,6	-	-	-		
87	OHX	2	2111	-	0,6,6	-	-	-		
87	OHX	5	4096	-	0,6,6	-	-	-		
87	OHX	2	2074	-	0,6,6	-	-	-		
87	OHX	1	4004	-	0,6,6	-	-	-		
87	OHX	6	2073	-	0,6,6	-	-	-		
87	OHX	1	4075	-	0,6,6	-	-	-		
87	OHX	5	4140	-	0,6,6	-	-	-		
87	OHX	2	2071	-	0,6,6	-	-	-		
87	OHX	1	4107	-	0,6,6	-	-	-		
87	OHX	5	4087	-	0,6,6	-	-	-		
87	OHX	1	4164	-	0,6,6	-	-	-		
87	OHX	1	4000	-	0,6,6	-	-	-		
87	OHX	5	3984	-	0,6,6	-	-	-		
87	OHX	6	2204	-	0,6,6	-	-	-		
87	OHX	5	3988	-	0,6,6	-	-	-		
87	OHX	5	3944	-	0,6,6	-	-	-		
87	OHX	2	2084	-	0,6,6	-	-	-		
87	OHX	6	2111	-	0,6,6	-	-	-		
87	OHX	1	3960	-	0,6,6	-	-	-		
87	OHX	5	3999	-	0,6,6	-	-	-		
87	OHX	1	4031	-	0,6,6	-	-	-		
87	OHX	5	4021	-	0,6,6	-	-	-		
87	OHX	6	2053	-	0,6,6	-	-	-		
87	OHX	1	4108	-	0,6,6	-	-	-		
87	OHX	2	2096	-	0,6,6	-	-	-		
87	OHX	1	4120	-	0,6,6	-	-	-		
87	OHX	5	4061	-	0,6,6	-	-	-		
87	OHX	1	3889	-	0,6,6	-	-	-		
87	OHX	6	2098	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4193	-	0,6,6	-	-	-		
87	OHX	6	2193	-	0,6,6	-	-	-		
87	OHX	6	2070	-	0,6,6	-	-	-		
87	OHX	6	2205	-	0,6,6	-	-	-		
87	OHX	1	4105	-	0,6,6	-	-	-		
87	OHX	1	4116	-	0,6,6	-	-	-		
87	OHX	8	227	-	0,6,6	-	-	-		
87	OHX	5	4067	-	0,6,6	-	-	-		
87	OHX	2	2056	-	0,6,6	-	-	-		
87	OHX	1	4022	-	0,6,6	-	-	-		
87	OHX	1	3931	-	0,6,6	-	-	-		
87	OHX	6	2119	-	0,6,6	-	-	-		
87	OHX	6	2199	-	0,6,6	-	-	-		
87	OHX	5	4050	-	0,6,6	-	-	-		
87	OHX	1	3947	-	0,6,6	-	-	-		
87	OHX	1	4172	-	0,6,6	-	-	-		
87	OHX	1	3926	-	0,6,6	-	-	-		
87	OHX	1	3977	-	0,6,6	-	-	-		
87	OHX	5	3905	-	0,6,6	-	-	-		
87	OHX	2	2115	-	0,6,6	-	-	-		
87	OHX	2	2048	-	0,6,6	-	-	-		
87	OHX	6	2130	-	0,6,6	-	-	-		
87	OHX	1	3912	-	0,6,6	-	-	-		
87	OHX	1	4067	-	0,6,6	-	-	-		
87	OHX	5	4212	-	0,6,6	-	-	-		
87	OHX	7	226	-	0,6,6	-	-	-		
87	OHX	14	404	-	0,6,6	-	-	-		
87	OHX	4	231	-	0,6,6	-	-	-		
87	OHX	5	3945	-	0,6,6	-	-	-		
87	OHX	6	2096	-	0,6,6	-	-	-		
87	OHX	2	2052	-	0,6,6	-	-	-		
87	OHX	1	3918	-	0,6,6	-	-	-		
87	OHX	8	217	-	0,6,6	-	-	-		
87	OHX	1	3973	-	0,6,6	-	-	-		
87	OHX	m0	302	-	0,6,6	-	-	-		
87	OHX	5	4235	-	0,6,6	-	-	-		
87	OHX	6	2187	-	0,6,6	-	-	-		
87	OHX	1	3866	-	0,6,6	-	-	-		
87	OHX	L3	405	-	0,6,6	-	-	-		
87	OHX	2	2082	-	0,6,6	-	-	-		
87	OHX	6	2181	-	0,6,6	-	-	-		
87	OHX	5	3993	-	0,6,6	-	-	-		
87	OHX	2	2145	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4171	-	0,6,6	-	-	-		
87	OHX	5	3954	-	0,6,6	-	-	-		
87	OHX	5	3995	-	0,6,6	-	-	-		
87	OHX	5	3903	-	0,6,6	-	-	-		
87	OHX	5	4138	-	0,6,6	-	-	-		
87	OHX	o2	201	-	0,6,6	-	-	-		
87	OHX	5	4120	-	0,6,6	-	-	-		
87	OHX	2	2045	-	0,6,6	-	-	-		
87	OHX	1	3870	-	0,6,6	-	-	-		
87	OHX	1	4028	-	0,6,6	-	-	-		
87	OHX	1	4045	-	0,6,6	-	-	-		
87	OHX	6	2200	-	0,6,6	-	-	-		
87	OHX	5	4196	-	0,6,6	-	-	-		
87	OHX	5	4072	-	0,6,6	-	-	-		
87	OHX	5	4024	-	0,6,6	-	-	-		
87	OHX	5	4156	-	0,6,6	-	-	-		
87	OHX	2	2103	-	0,6,6	-	-	-		
87	OHX	6	2133	-	0,6,6	-	-	-		
87	OHX	2	2129	-	0,6,6	-	-	-		
87	OHX	2	2171	-	0,6,6	-	-	-		
87	OHX	N1	201	-	0,6,6	-	-	-		
87	OHX	5	3967	-	0,6,6	-	-	-		
87	OHX	5	4100	-	0,6,6	-	-	-		
87	OHX	7	218	-	0,6,6	-	-	-		
87	OHX	1	4044	-	0,6,6	-	-	-		
87	OHX	1	4070	-	0,6,6	-	-	-		
87	OHX	5	4223	-	0,6,6	-	-	-		
87	OHX	5	4118	-	0,6,6	-	-	-		
87	OHX	l3	402	-	0,6,6	-	-	-		
87	OHX	1	4119	-	0,6,6	-	-	-		
87	OHX	5	3962	-	0,6,6	-	-	-		
87	OHX	1	4132	-	0,6,6	-	-	-		
87	OHX	1	4136	-	0,6,6	-	-	-		
87	OHX	C8	201	-	0,6,6	-	-	-		
87	OHX	1	3895	-	0,6,6	-	-	-		
87	OHX	5	4184	-	0,6,6	-	-	-		
87	OHX	5	4081	-	0,6,6	-	-	-		
87	OHX	5	3959	-	0,6,6	-	-	-		
87	OHX	l3	403	-	0,6,6	-	-	-		
87	OHX	2	2130	-	0,6,6	-	-	-		
87	OHX	1	4056	-	0,6,6	-	-	-		
87	OHX	6	2086	-	0,6,6	-	-	-		
87	OHX	5	4250	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	4	233	-	0,6,6	-	-	-		
87	OHX	5	4130	-	0,6,6	-	-	-		
87	OHX	6	2190	-	0,6,6	-	-	-		
87	OHX	2	2091	-	0,6,6	-	-	-		
87	OHX	1	4015	-	0,6,6	-	-	-		
87	OHX	5	4142	-	0,6,6	-	-	-		
87	OHX	5	4062	-	0,6,6	-	-	-		
87	OHX	1	3919	-	0,6,6	-	-	-		
87	OHX	1	3986	-	0,6,6	-	-	-		
87	OHX	5	4042	-	0,6,6	-	-	-		
87	OHX	1	3946	-	0,6,6	-	-	-		
87	OHX	5	4220	-	0,6,6	-	-	-		
87	OHX	1	4029	-	0,6,6	-	-	-		
87	OHX	6	2112	-	0,6,6	-	-	-		
87	OHX	5	4122	-	0,6,6	-	-	-		
87	OHX	2	2088	-	0,6,6	-	-	-		
87	OHX	1	3872	-	0,6,6	-	-	-		
87	OHX	5	4143	-	0,6,6	-	-	-		
87	OHX	1	3913	-	0,6,6	-	-	-		
87	OHX	6	2103	-	0,6,6	-	-	-		
87	OHX	1	4152	-	0,6,6	-	-	-		
87	OHX	5	3914	-	0,6,6	-	-	-		
87	OHX	5	4063	-	0,6,6	-	-	-		
87	OHX	5	3989	-	0,6,6	-	-	-		
87	OHX	5	4246	-	0,6,6	-	-	-		
87	OHX	1	4076	-	0,6,6	-	-	-		
87	OHX	6	2124	-	0,6,6	-	-	-		
87	OHX	5	4057	-	0,6,6	-	-	-		
87	OHX	5	4003	-	0,6,6	-	-	-		
87	OHX	1	3882	-	0,6,6	-	-	-		
87	OHX	1	4051	-	0,6,6	-	-	-		
87	OHX	6	2091	-	0,6,6	-	-	-		
87	OHX	5	3980	-	0,6,6	-	-	-		
87	OHX	2	2053	-	0,6,6	-	-	-		
87	OHX	4	225	-	0,6,6	-	-	-		
87	OHX	5	4175	-	0,6,6	-	-	-		
87	OHX	5	4210	-	0,6,6	-	-	-		
87	OHX	5	4242	-	0,6,6	-	-	-		
87	OHX	5	3935	-	0,6,6	-	-	-		
87	OHX	m7	205	-	0,6,6	-	-	-		
87	OHX	1	3887	-	0,6,6	-	-	-		
87	OHX	5	4158	-	0,6,6	-	-	-		
87	OHX	1	4214	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	$\# Z > 2$	Counts	RMSZ	$\# Z > 2$
87	OHX	5	3949	-	0,6,6	-	-	-		
87	OHX	4	232	-	0,6,6	-	-	-		
87	OHX	5	4065	-	0,6,6	-	-	-		
87	OHX	o3	202	-	0,6,6	-	-	-		
87	OHX	2	2102	-	0,6,6	-	-	-		
87	OHX	1	4206	-	0,6,6	-	-	-		
87	OHX	2	2033	-	0,6,6	-	-	-		
87	OHX	1	3923	-	0,6,6	-	-	-		
87	OHX	6	2058	-	0,6,6	-	-	-		
87	OHX	2	2094	-	0,6,6	-	-	-		
87	OHX	1	3941	-	0,6,6	-	-	-		
87	OHX	5	4240	-	0,6,6	-	-	-		
87	OHX	6	2080	-	0,6,6	-	-	-		
87	OHX	1	3877	-	0,6,6	-	-	-		
87	OHX	1	4147	-	0,6,6	-	-	-		
87	OHX	6	2172	-	0,6,6	-	-	-		
87	OHX	5	3908	-	0,6,6	-	-	-		
87	OHX	4	229	-	0,6,6	-	-	-		
87	OHX	5	4195	-	0,6,6	-	-	-		
87	OHX	5	4106	-	0,6,6	-	-	-		
87	OHX	5	4231	-	0,6,6	-	-	-		
87	OHX	6	2156	-	0,6,6	-	-	-		
87	OHX	5	3934	-	0,6,6	-	-	-		
87	OHX	1	4084	-	0,6,6	-	-	-		
87	OHX	5	4059	-	0,6,6	-	-	-		
87	OHX	6	2066	-	0,6,6	-	-	-		
87	OHX	1	4016	-	0,6,6	-	-	-		
87	OHX	5	4241	-	0,6,6	-	-	-		
87	OHX	1	4208	-	0,6,6	-	-	-		
87	OHX	5	4219	-	0,6,6	-	-	-		
87	OHX	5	4182	-	0,6,6	-	-	-		
87	OHX	5	4251	-	0,6,6	-	-	-		
87	OHX	6	2149	-	0,6,6	-	-	-		
87	OHX	2	2093	-	0,6,6	-	-	-		
87	OHX	2	2132	-	0,6,6	-	-	-		
87	OHX	1	4174	-	0,6,6	-	-	-		
87	OHX	1	4144	-	0,6,6	-	-	-		
87	OHX	6	2185	-	0,6,6	-	-	-		
87	OHX	6	2192	-	0,6,6	-	-	-		
87	OHX	5	4045	-	0,6,6	-	-	-		
87	OHX	5	4178	-	0,6,6	-	-	-		
87	OHX	6	2118	-	0,6,6	-	-	-		
87	OHX	5	3953	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3964	-	0,6,6	-	-	-		
87	OHX	1	4159	-	0,6,6	-	-	-		
87	OHX	6	2182	-	0,6,6	-	-	-		
87	OHX	8	220	-	0,6,6	-	-	-		
87	OHX	2	2049	-	0,6,6	-	-	-		
87	OHX	5	4036	-	0,6,6	-	-	-		
87	OHX	m1	203	-	0,6,6	-	-	-		
87	OHX	5	4032	-	0,6,6	-	-	-		
87	OHX	5	4019	-	0,6,6	-	-	-		
87	OHX	2	2083	-	0,6,6	-	-	-		
87	OHX	6	2075	-	0,6,6	-	-	-		
87	OHX	5	4093	-	0,6,6	-	-	-		
87	OHX	5	4104	-	0,6,6	-	-	-		
87	OHX	2	2177	-	0,6,6	-	-	-		
87	OHX	5	4188	-	0,6,6	-	-	-		
87	OHX	5	3983	-	0,6,6	-	-	-		
87	OHX	5	4191	-	0,6,6	-	-	-		
87	OHX	3	223	-	0,6,6	-	-	-		
87	OHX	6	2082	-	0,6,6	-	-	-		
87	OHX	5	4025	-	0,6,6	-	-	-		
87	OHX	2	2040	-	0,6,6	-	-	-		
87	OHX	2	2133	-	0,6,6	-	-	-		
87	OHX	6	2085	-	0,6,6	-	-	-		
87	OHX	1	3902	-	0,6,6	-	-	-		
87	OHX	2	2174	-	0,6,6	-	-	-		
87	OHX	2	2157	-	0,6,6	-	-	-		
87	OHX	2	2108	-	0,6,6	-	-	-		
87	OHX	2	2122	-	0,6,6	-	-	-		
87	OHX	s1	302	-	0,6,6	-	-	-		
87	OHX	2	2026	-	0,6,6	-	-	-		
87	OHX	8	219	-	0,6,6	-	-	-		
87	OHX	2	2156	-	0,6,6	-	-	-		
87	OHX	1	3969	-	0,6,6	-	-	-		
87	OHX	6	2195	-	0,6,6	-	-	-		
87	OHX	6	2158	-	0,6,6	-	-	-		
87	OHX	6	2063	-	0,6,6	-	-	-		
87	OHX	5	4114	-	0,6,6	-	-	-		
87	OHX	5	3956	-	0,6,6	-	-	-		
87	OHX	7	220	-	0,6,6	-	-	-		
87	OHX	5	3994	-	0,6,6	-	-	-		
87	OHX	1	3901	-	0,6,6	-	-	-		
87	OHX	6	2171	-	0,6,6	-	-	-		
87	OHX	2	2086	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	4080	-	0,6,6	-	-	-		
87	OHX	2	2120	-	0,6,6	-	-	-		
87	OHX	5	4053	-	0,6,6	-	-	-		
87	OHX	5	4055	-	0,6,6	-	-	-		
87	OHX	5	4129	-	0,6,6	-	-	-		
87	OHX	1	4098	-	0,6,6	-	-	-		
87	OHX	5	4149	-	0,6,6	-	-	-		
87	OHX	1	4054	-	0,6,6	-	-	-		
87	OHX	5	4073	-	0,6,6	-	-	-		
87	OHX	2	2030	-	0,6,6	-	-	-		
87	OHX	5	4013	-	0,6,6	-	-	-		
87	OHX	2	2121	-	0,6,6	-	-	-		
87	OHX	m8	201	-	0,6,6	-	-	-		
87	OHX	1	4182	-	0,6,6	-	-	-		
87	OHX	5	3972	-	0,6,6	-	-	-		
87	OHX	1	4179	-	0,6,6	-	-	-		
87	OHX	1	4083	-	0,6,6	-	-	-		
87	OHX	6	2048	-	0,6,6	-	-	-		
87	OHX	6	2065	-	0,6,6	-	-	-		
87	OHX	5	4209	-	0,6,6	-	-	-		
87	OHX	l5	305	-	0,6,6	-	-	-		
87	OHX	6	2154	-	0,6,6	-	-	-		
87	OHX	2	2107	-	0,6,6	-	-	-		
87	OHX	5	4008	-	0,6,6	-	-	-		
87	OHX	1	3979	-	0,6,6	-	-	-		
87	OHX	5	4186	-	0,6,6	-	-	-		
87	OHX	5	3973	-	0,6,6	-	-	-		
87	OHX	6	2121	-	0,6,6	-	-	-		
87	OHX	7	216	-	0,6,6	-	-	-		
87	OHX	6	2056	-	0,6,6	-	-	-		
87	OHX	6	2141	-	0,6,6	-	-	-		
87	OHX	5	4233	-	0,6,6	-	-	-		
87	OHX	1	4109	-	0,6,6	-	-	-		
87	OHX	1	3873	-	0,6,6	-	-	-		
87	OHX	5	3952	-	0,6,6	-	-	-		
87	OHX	1	4041	-	0,6,6	-	-	-		
87	OHX	6	2100	-	0,6,6	-	-	-		
87	OHX	5	4004	-	0,6,6	-	-	-		
87	OHX	1	3975	-	0,6,6	-	-	-		
87	OHX	2	2029	-	0,6,6	-	-	-		
87	OHX	2	2164	-	0,6,6	-	-	-		
87	OHX	1	4071	-	0,6,6	-	-	-		
87	OHX	6	2145	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	m6	202	-	0,6,6	-	-	-		
87	OHX	5	3920	-	0,6,6	-	-	-		
87	OHX	1	4200	-	0,6,6	-	-	-		
87	OHX	O9	101	-	0,6,6	-	-	-		
87	OHX	5	4000	-	0,6,6	-	-	-		
87	OHX	5	4058	-	0,6,6	-	-	-		
87	OHX	1	4099	-	0,6,6	-	-	-		
87	OHX	5	4164	-	0,6,6	-	-	-		
87	OHX	1	3974	-	0,6,6	-	-	-		
87	OHX	1	3950	-	0,6,6	-	-	-		
87	OHX	5	4092	-	0,6,6	-	-	-		
87	OHX	2	2035	-	0,6,6	-	-	-		
87	OHX	2	2063	-	0,6,6	-	-	-		
87	OHX	5	4031	-	0,6,6	-	-	-		
87	OHX	2	2142	-	0,6,6	-	-	-		
87	OHX	2	2106	-	0,6,6	-	-	-		
87	OHX	1	4017	-	0,6,6	-	-	-		
87	OHX	5	4074	-	0,6,6	-	-	-		
87	OHX	3	224	-	0,6,6	-	-	-		
87	OHX	5	4094	-	0,6,6	-	-	-		
87	OHX	5	4108	-	0,6,6	-	-	-		
87	OHX	1	3990	-	0,6,6	-	-	-		
87	OHX	1	4168	-	0,6,6	-	-	-		
87	OHX	5	3987	-	0,6,6	-	-	-		
87	OHX	2	2119	-	0,6,6	-	-	-		
87	OHX	1	4059	-	0,6,6	-	-	-		
87	OHX	5	4116	-	0,6,6	-	-	-		
87	OHX	6	2165	-	0,6,6	-	-	-		
87	OHX	1	4126	-	0,6,6	-	-	-		
87	OHX	2	2118	-	0,6,6	-	-	-		
87	OHX	5	4243	-	0,6,6	-	-	-		
87	OHX	5	3926	-	0,6,6	-	-	-		
87	OHX	5	4218	-	0,6,6	-	-	-		
87	OHX	7	225	-	0,6,6	-	-	-		
87	OHX	2	2104	-	0,6,6	-	-	-		
87	OHX	5	4167	-	0,6,6	-	-	-		
87	OHX	5	3943	-	0,6,6	-	-	-		
87	OHX	8	228	-	0,6,6	-	-	-		
87	OHX	1	4090	-	0,6,6	-	-	-		
87	OHX	5	4023	-	0,6,6	-	-	-		
87	OHX	7	219	-	0,6,6	-	-	-		
87	OHX	6	2068	-	0,6,6	-	-	-		
87	OHX	1	4085	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	3946	-	0,6,6	-	-	-		
87	OHX	6	2166	-	0,6,6	-	-	-		
87	OHX	3	216	-	0,6,6	-	-	-		
87	OHX	5	3918	-	0,6,6	-	-	-		
87	OHX	5	4034	-	0,6,6	-	-	-		
87	OHX	2	2061	-	0,6,6	-	-	-		
87	OHX	2	2148	-	0,6,6	-	-	-		
87	OHX	6	2147	-	0,6,6	-	-	-		
87	OHX	M9	202	-	0,6,6	-	-	-		
87	OHX	s9	201	-	0,6,6	-	-	-		
87	OHX	1	4053	-	0,6,6	-	-	-		
87	OHX	6	2088	-	0,6,6	-	-	-		
87	OHX	5	3957	-	0,6,6	-	-	-		
87	OHX	5	4115	-	0,6,6	-	-	-		
87	OHX	1	4014	-	0,6,6	-	-	-		
87	OHX	5	3963	-	0,6,6	-	-	-		
87	OHX	5	3910	-	0,6,6	-	-	-		
87	OHX	1	4189	-	0,6,6	-	-	-		
87	OHX	2	2073	-	0,6,6	-	-	-		
87	OHX	6	2076	-	0,6,6	-	-	-		
87	OHX	1	4002	-	0,6,6	-	-	-		
87	OHX	5	4139	-	0,6,6	-	-	-		
87	OHX	1	3864	-	0,6,6	-	-	-		
87	OHX	5	3966	-	0,6,6	-	-	-		
87	OHX	1	3925	-	0,6,6	-	-	-		
87	OHX	1	4212	-	0,6,6	-	-	-		
87	OHX	2	2058	-	0,6,6	-	-	-		
87	OHX	2	2070	-	0,6,6	-	-	-		
87	OHX	5	4225	-	0,6,6	-	-	-		
87	OHX	6	2072	-	0,6,6	-	-	-		
87	OHX	1	3981	-	0,6,6	-	-	-		
87	OHX	2	2152	-	0,6,6	-	-	-		
87	OHX	4	226	-	0,6,6	-	-	-		
87	OHX	s8	302	-	0,6,6	-	-	-		
87	OHX	5	4044	-	0,6,6	-	-	-		
87	OHX	1	3896	-	0,6,6	-	-	-		
87	OHX	2	2165	-	0,6,6	-	-	-		
87	OHX	5	4113	-	0,6,6	-	-	-		
87	OHX	1	4048	-	0,6,6	-	-	-		
87	OHX	2	2038	-	0,6,6	-	-	-		
87	OHX	2	2134	-	0,6,6	-	-	-		
87	OHX	5	3936	-	0,6,6	-	-	-		
87	OHX	6	2099	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2179	-	0,6,6	-	-	-		
87	OHX	1	3876	-	0,6,6	-	-	-		
87	OHX	5	4166	-	0,6,6	-	-	-		
87	OHX	1	3955	-	0,6,6	-	-	-		
87	OHX	5	4221	-	0,6,6	-	-	-		
87	OHX	14	403	-	0,6,6	-	-	-		
87	OHX	6	2177	-	0,6,6	-	-	-		
87	OHX	1	4040	-	0,6,6	-	-	-		
87	OHX	6	2202	-	0,6,6	-	-	-		
87	OHX	O7	104	-	0,6,6	-	-	-		
87	OHX	1	4194	-	0,6,6	-	-	-		
87	OHX	5	3919	-	0,6,6	-	-	-		
87	OHX	6	2153	-	0,6,6	-	-	-		
87	OHX	m0	301	-	0,6,6	-	-	-		
87	OHX	D3	202	-	0,6,6	-	-	-		
87	OHX	5	3986	-	0,6,6	-	-	-		
87	OHX	1	4180	-	0,6,6	-	-	-		
87	OHX	5	4141	-	0,6,6	-	-	-		
87	OHX	1	4187	-	0,6,6	-	-	-		
87	OHX	4	223	-	0,6,6	-	-	-		
87	OHX	2	2114	-	0,6,6	-	-	-		
87	OHX	1	4068	-	0,6,6	-	-	-		
87	OHX	d4	202	-	0,6,6	-	-	-		
87	OHX	5	4153	-	0,6,6	-	-	-		
87	OHX	6	2093	-	0,6,6	-	-	-		
87	OHX	4	235	-	0,6,6	-	-	-		
87	OHX	1	4130	-	0,6,6	-	-	-		
87	OHX	6	2128	-	0,6,6	-	-	-		
87	OHX	6	2174	-	0,6,6	-	-	-		
87	OHX	5	3929	-	0,6,6	-	-	-		
87	OHX	5	4033	-	0,6,6	-	-	-		
87	OHX	5	4127	-	0,6,6	-	-	-		
87	OHX	2	2059	-	0,6,6	-	-	-		
87	OHX	2	2173	-	0,6,6	-	-	-		
87	OHX	2	2124	-	0,6,6	-	-	-		
87	OHX	2	2116	-	0,6,6	-	-	-		
87	OHX	2	2139	-	0,6,6	-	-	-		
87	OHX	1	4183	-	0,6,6	-	-	-		
87	OHX	6	2176	-	0,6,6	-	-	-		
87	OHX	c3	201	-	0,6,6	-	-	-		
87	OHX	2	2109	-	0,6,6	-	-	-		
87	OHX	5	4051	-	0,6,6	-	-	-		
87	OHX	5	4064	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2060	-	0,6,6	-	-	-		
87	OHX	1	4197	-	0,6,6	-	-	-		
87	OHX	3	218	-	0,6,6	-	-	-		
87	OHX	15	303	-	0,6,6	-	-	-		
87	OHX	6	2090	-	0,6,6	-	-	-		
87	OHX	2	2055	-	0,6,6	-	-	-		
87	OHX	3	222	-	0,6,6	-	-	-		
87	OHX	5	3900	-	0,6,6	-	-	-		
87	OHX	5	4227	-	0,6,6	-	-	-		
87	OHX	1	4142	-	0,6,6	-	-	-		
87	OHX	5	4111	-	0,6,6	-	-	-		
87	OHX	1	4062	-	0,6,6	-	-	-		
87	OHX	5	4154	-	0,6,6	-	-	-		
87	OHX	7	224	-	0,6,6	-	-	-		
87	OHX	2	2131	-	0,6,6	-	-	-		
87	OHX	1	4088	-	0,6,6	-	-	-		
87	OHX	1	4125	-	0,6,6	-	-	-		
87	OHX	2	2098	-	0,6,6	-	-	-		
87	OHX	6	2108	-	0,6,6	-	-	-		
87	OHX	5	4020	-	0,6,6	-	-	-		
87	OHX	1	4115	-	0,6,6	-	-	-		
87	OHX	5	4107	-	0,6,6	-	-	-		
87	OHX	6	2092	-	0,6,6	-	-	-		
87	OHX	1	4117	-	0,6,6	-	-	-		
87	OHX	5	3985	-	0,6,6	-	-	-		
87	OHX	5	3947	-	0,6,6	-	-	-		
87	OHX	1	4191	-	0,6,6	-	-	-		
87	OHX	1	4078	-	0,6,6	-	-	-		
87	OHX	c1	202	-	0,6,6	-	-	-		
87	OHX	2	2112	-	0,6,6	-	-	-		
87	OHX	6	2067	-	0,6,6	-	-	-		
87	OHX	1	4210	-	0,6,6	-	-	-		
87	OHX	1	3921	-	0,6,6	-	-	-		
87	OHX	5	4082	-	0,6,6	-	-	-		
87	OHX	5	4174	-	0,6,6	-	-	-		
87	OHX	5	4069	-	0,6,6	-	-	-		
87	OHX	5	4144	-	0,6,6	-	-	-		
87	OHX	5	3960	-	0,6,6	-	-	-		
87	OHX	5	3906	-	0,6,6	-	-	-		
87	OHX	1	3959	-	0,6,6	-	-	-		
87	OHX	5	4105	-	0,6,6	-	-	-		
87	OHX	5	4159	-	0,6,6	-	-	-		
87	OHX	7	215	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2137	-	0,6,6	-	-	-		
87	OHX	1	3985	-	0,6,6	-	-	-		
87	OHX	2	2042	-	0,6,6	-	-	-		
87	OHX	1	3937	-	0,6,6	-	-	-		
87	OHX	1	4039	-	0,6,6	-	-	-		
87	OHX	2	2147	-	0,6,6	-	-	-		
87	OHX	5	4101	-	0,6,6	-	-	-		
87	OHX	8	224	-	0,6,6	-	-	-		
87	OHX	5	4172	-	0,6,6	-	-	-		
87	OHX	2	2087	-	0,6,6	-	-	-		
87	OHX	1	4149	-	0,6,6	-	-	-		
87	OHX	5	4037	-	0,6,6	-	-	-		
87	OHX	6	2126	-	0,6,6	-	-	-		
87	OHX	5	4102	-	0,6,6	-	-	-		
87	OHX	6	2057	-	0,6,6	-	-	-		
87	OHX	5	4207	-	0,6,6	-	-	-		
87	OHX	1	4195	-	0,6,6	-	-	-		
87	OHX	Q2	503	-	0,6,6	-	-	-		
87	OHX	2	2090	-	0,6,6	-	-	-		
87	OHX	1	4007	-	0,6,6	-	-	-		
87	OHX	C3	202	-	0,6,6	-	-	-		
87	OHX	1	4103	-	0,6,6	-	-	-		
87	OHX	1	4203	-	0,6,6	-	-	-		
87	OHX	1	4005	-	0,6,6	-	-	-		
87	OHX	5	4216	-	0,6,6	-	-	-		
87	OHX	1	3915	-	0,6,6	-	-	-		
87	OHX	5	3992	-	0,6,6	-	-	-		
87	OHX	1	4140	-	0,6,6	-	-	-		
87	OHX	SR	401	-	0,6,6	-	-	-		
87	OHX	6	2184	-	0,6,6	-	-	-		
87	OHX	1	3943	-	0,6,6	-	-	-		
87	OHX	6	2050	-	0,6,6	-	-	-		
87	OHX	1	3869	-	0,6,6	-	-	-		
87	OHX	1	3900	-	0,6,6	-	-	-		
87	OHX	5	4185	-	0,6,6	-	-	-		
87	OHX	5	4202	-	0,6,6	-	-	-		
87	OHX	5	4213	-	0,6,6	-	-	-		
87	OHX	6	2079	-	0,6,6	-	-	-		
87	OHX	1	4089	-	0,6,6	-	-	-		
87	OHX	2	2092	-	0,6,6	-	-	-		
87	OHX	1	4123	-	0,6,6	-	-	-		
87	OHX	1	4178	-	0,6,6	-	-	-		
87	OHX	6	2203	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	1	3952	-	0,6,6	-	-	-		
87	OHX	5	3930	-	0,6,6	-	-	-		
87	OHX	1	4036	-	0,6,6	-	-	-		
87	OHX	5	4117	-	0,6,6	-	-	-		
87	OHX	6	2198	-	0,6,6	-	-	-		
87	OHX	8	221	-	0,6,6	-	-	-		
87	OHX	1	3958	-	0,6,6	-	-	-		
87	OHX	6	2142	-	0,6,6	-	-	-		
87	OHX	1	4173	-	0,6,6	-	-	-		
87	OHX	2	2067	-	0,6,6	-	-	-		
87	OHX	1	4193	-	0,6,6	-	-	-		
87	OHX	1	3928	-	0,6,6	-	-	-		
87	OHX	1	4027	-	0,6,6	-	-	-		
87	OHX	1	4177	-	0,6,6	-	-	-		
87	OHX	5	4080	-	0,6,6	-	-	-		
87	OHX	6	2159	-	0,6,6	-	-	-		
87	OHX	5	4098	-	0,6,6	-	-	-		
87	OHX	5	4151	-	0,6,6	-	-	-		
87	OHX	5	4234	-	0,6,6	-	-	-		
87	OHX	1	3970	-	0,6,6	-	-	-		
87	OHX	6	2152	-	0,6,6	-	-	-		
87	OHX	5	4157	-	0,6,6	-	-	-		
87	OHX	1	4104	-	0,6,6	-	-	-		
87	OHX	6	2077	-	0,6,6	-	-	-		
87	OHX	6	2109	-	0,6,6	-	-	-		
87	OHX	6	2054	-	0,6,6	-	-	-		
87	OHX	1	4079	-	0,6,6	-	-	-		
87	OHX	1	4021	-	0,6,6	-	-	-		
87	OHX	1	4148	-	0,6,6	-	-	-		
87	OHX	2	2137	-	0,6,6	-	-	-		
87	OHX	1	4135	-	0,6,6	-	-	-		
87	OHX	1	4176	-	0,6,6	-	-	-		
87	OHX	6	2089	-	0,6,6	-	-	-		
87	OHX	5	4192	-	0,6,6	-	-	-		
87	OHX	5	4201	-	0,6,6	-	-	-		
87	OHX	1	4065	-	0,6,6	-	-	-		
87	OHX	5	4161	-	0,6,6	-	-	-		
87	OHX	3	221	-	0,6,6	-	-	-		
87	OHX	1	3865	-	0,6,6	-	-	-		
87	OHX	4	236	-	0,6,6	-	-	-		
87	OHX	6	2175	-	0,6,6	-	-	-		
87	OHX	5	4232	-	0,6,6	-	-	-		
87	OHX	5	4145	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	o7	103	-	0,6,6	-	-	-		
87	OHX	1	4192	-	0,6,6	-	-	-		
87	OHX	4	228	-	0,6,6	-	-	-		
87	OHX	5	4091	-	0,6,6	-	-	-		
87	OHX	2	2110	-	0,6,6	-	-	-		
87	OHX	1	4133	-	0,6,6	-	-	-		
87	OHX	5	3975	-	0,6,6	-	-	-		
87	OHX	1	3994	-	0,6,6	-	-	-		
87	OHX	6	2106	-	0,6,6	-	-	-		
87	OHX	n3	203	-	0,6,6	-	-	-		
87	OHX	1	3939	-	0,6,6	-	-	-		
87	OHX	6	2047	-	0,6,6	-	-	-		
87	OHX	1	4190	-	0,6,6	-	-	-		
87	OHX	5	3982	-	0,6,6	-	-	-		
87	OHX	6	2069	-	0,6,6	-	-	-		
87	OHX	5	4001	-	0,6,6	-	-	-		
87	OHX	5	4170	-	0,6,6	-	-	-		
87	OHX	6	2162	-	0,6,6	-	-	-		
87	OHX	1	4024	-	0,6,6	-	-	-		
87	OHX	1	4066	-	0,6,6	-	-	-		
87	OHX	1	3980	-	0,6,6	-	-	-		
87	OHX	1	4155	-	0,6,6	-	-	-		
87	OHX	2	2032	-	0,6,6	-	-	-		
87	OHX	2	2101	-	0,6,6	-	-	-		
87	OHX	5	3950	-	0,6,6	-	-	-		
87	OHX	5	3991	-	0,6,6	-	-	-		
87	OHX	1	3972	-	0,6,6	-	-	-		
87	OHX	1	3995	-	0,6,6	-	-	-		
87	OHX	1	4001	-	0,6,6	-	-	-		
87	OHX	1	4097	-	0,6,6	-	-	-		
87	OHX	2	2167	-	0,6,6	-	-	-		
87	OHX	5	4046	-	0,6,6	-	-	-		
87	OHX	5	4137	-	0,6,6	-	-	-		
87	OHX	1	4202	-	0,6,6	-	-	-		
87	OHX	5	4230	-	0,6,6	-	-	-		
87	OHX	5	3941	-	0,6,6	-	-	-		
87	OHX	2	2099	-	0,6,6	-	-	-		
87	OHX	5	4168	-	0,6,6	-	-	-		
87	OHX	1	3965	-	0,6,6	-	-	-		
87	OHX	1	4156	-	0,6,6	-	-	-		
87	OHX	1	3963	-	0,6,6	-	-	-		
87	OHX	6	2087	-	0,6,6	-	-	-		
87	OHX	2	2077	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2054	-	0,6,6	-	-	-		
87	OHX	2	2024	-	0,6,6	-	-	-		
87	OHX	M5	303	-	0,6,6	-	-	-		
87	OHX	6	2173	-	0,6,6	-	-	-		
87	OHX	5	4095	-	0,6,6	-	-	-		
87	OHX	6	2150	-	0,6,6	-	-	-		
87	OHX	6	2148	-	0,6,6	-	-	-		
87	OHX	6	2188	-	0,6,6	-	-	-		
87	OHX	2	2078	-	0,6,6	-	-	-		
87	OHX	2	2154	-	0,6,6	-	-	-		
87	OHX	1	4106	-	0,6,6	-	-	-		
87	OHX	1	4157	-	0,6,6	-	-	-		
87	OHX	1	3867	-	0,6,6	-	-	-		
87	OHX	1	4114	-	0,6,6	-	-	-		
87	OHX	5	3938	-	0,6,6	-	-	-		
87	OHX	1	4058	-	0,6,6	-	-	-		
87	OHX	2	2128	-	0,6,6	-	-	-		
87	OHX	5	3997	-	0,6,6	-	-	-		
87	OHX	5	4086	-	0,6,6	-	-	-		
87	OHX	6	2052	-	0,6,6	-	-	-		
87	OHX	5	4204	-	0,6,6	-	-	-		
87	OHX	5	3942	-	0,6,6	-	-	-		
87	OHX	1	3888	-	0,6,6	-	-	-		
87	OHX	6	2081	-	0,6,6	-	-	-		
87	OHX	5	3940	-	0,6,6	-	-	-		
87	OHX	5	4132	-	0,6,6	-	-	-		
87	OHX	1	4145	-	0,6,6	-	-	-		
87	OHX	2	2126	-	0,6,6	-	-	-		
87	OHX	5	4147	-	0,6,6	-	-	-		
87	OHX	5	4249	-	0,6,6	-	-	-		
87	OHX	1	3899	-	0,6,6	-	-	-		
87	OHX	1	4143	-	0,6,6	-	-	-		
87	OHX	4	224	-	0,6,6	-	-	-		
87	OHX	2	2046	-	0,6,6	-	-	-		
87	OHX	2	2047	-	0,6,6	-	-	-		
87	OHX	1	4091	-	0,6,6	-	-	-		
87	OHX	2	2031	-	0,6,6	-	-	-		
87	OHX	1	4166	-	0,6,6	-	-	-		
87	OHX	1	3987	-	0,6,6	-	-	-		
87	OHX	2	2151	-	0,6,6	-	-	-		
87	OHX	1	3989	-	0,6,6	-	-	-		
87	OHX	1	4063	-	0,6,6	-	-	-		
87	OHX	1	4169	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	6	2120	-	0,6,6	-	-	-		
87	OHX	5	4049	-	0,6,6	-	-	-		
87	OHX	6	2110	-	0,6,6	-	-	-		
87	OHX	19	600	-	0,6,6	-	-	-		
87	OHX	6	2139	-	0,6,6	-	-	-		
87	OHX	1	4184	-	0,6,6	-	-	-		
87	OHX	6	2116	-	0,6,6	-	-	-		
87	OHX	2	2100	-	0,6,6	-	-	-		
87	OHX	5	4002	-	0,6,6	-	-	-		
87	OHX	5	4052	-	0,6,6	-	-	-		
87	OHX	6	2074	-	0,6,6	-	-	-		
87	OHX	5	3925	-	0,6,6	-	-	-		
87	OHX	1	3884	-	0,6,6	-	-	-		
87	OHX	1	3935	-	0,6,6	-	-	-		
87	OHX	1	3968	-	0,6,6	-	-	-		
87	OHX	2	2160	-	0,6,6	-	-	-		
87	OHX	1	4012	-	0,6,6	-	-	-		
87	OHX	L4	402	-	0,6,6	-	-	-		
87	OHX	6	2123	-	0,6,6	-	-	-		
87	OHX	6	2115	-	0,6,6	-	-	-		
87	OHX	5	4010	-	0,6,6	-	-	-		
89	3HE	1	4215	-	21,21,21	0.57	0	23,30,30	0.64	0
87	OHX	2	2136	-	0,6,6	-	-	-		
87	OHX	1	3890	-	0,6,6	-	-	-		
87	OHX	1	4153	-	0,6,6	-	-	-		
87	OHX	6	2059	-	0,6,6	-	-	-		
87	OHX	6	2104	-	0,6,6	-	-	-		
87	OHX	1	3916	-	0,6,6	-	-	-		
87	OHX	5	4048	-	0,6,6	-	-	-		
87	OHX	5	4146	-	0,6,6	-	-	-		
87	OHX	1	4121	-	0,6,6	-	-	-		
87	OHX	6	2064	-	0,6,6	-	-	-		
87	OHX	2	2159	-	0,6,6	-	-	-		
87	OHX	6	2163	-	0,6,6	-	-	-		
87	OHX	5	3912	-	0,6,6	-	-	-		
87	OHX	5	4211	-	0,6,6	-	-	-		
87	OHX	2	2080	-	0,6,6	-	-	-		
87	OHX	1	3934	-	0,6,6	-	-	-		
87	OHX	8	222	-	0,6,6	-	-	-		
87	OHX	1	4074	-	0,6,6	-	-	-		
87	OHX	6	2055	-	0,6,6	-	-	-		
87	OHX	6	2196	-	0,6,6	-	-	-		
87	OHX	1	4034	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4236	-	0,6,6	-	-	-		
87	OHX	5	4215	-	0,6,6	-	-	-		
87	OHX	1	4018	-	0,6,6	-	-	-		
87	OHX	6	2169	-	0,6,6	-	-	-		
87	OHX	1	4139	-	0,6,6	-	-	-		
87	OHX	2	2065	-	0,6,6	-	-	-		
87	OHX	5	4187	-	0,6,6	-	-	-		
87	OHX	1	4110	-	0,6,6	-	-	-		
87	OHX	5	4068	-	0,6,6	-	-	-		
87	OHX	5	4085	-	0,6,6	-	-	-		
87	OHX	2	2068	-	0,6,6	-	-	-		
87	OHX	5	4165	-	0,6,6	-	-	-		
87	OHX	2	2069	-	0,6,6	-	-	-		
87	OHX	1	4181	-	0,6,6	-	-	-		
87	OHX	5	4028	-	0,6,6	-	-	-		
87	OHX	c5	201	-	0,6,6	-	-	-		
87	OHX	1	4113	-	0,6,6	-	-	-		
87	OHX	5	4109	-	0,6,6	-	-	-		
87	OHX	2	2081	-	0,6,6	-	-	-		
87	OHX	sR	401	-	0,6,6	-	-	-		
87	OHX	5	4238	-	0,6,6	-	-	-		
87	OHX	5	3917	-	0,6,6	-	-	-		
87	OHX	1	3880	-	0,6,6	-	-	-		
87	OHX	2	2105	-	0,6,6	-	-	-		
87	OHX	1	3988	-	0,6,6	-	-	-		
87	OHX	n9	101	-	0,6,6	-	-	-		
87	OHX	6	2113	-	0,6,6	-	-	-		
87	OHX	1	4093	-	0,6,6	-	-	-		
87	OHX	1	4023	-	0,6,6	-	-	-		
87	OHX	1	4082	-	0,6,6	-	-	-		
87	OHX	1	4188	-	0,6,6	-	-	-		
87	OHX	2	2176	-	0,6,6	-	-	-		
87	OHX	1	4038	-	0,6,6	-	-	-		
87	OHX	S8	302	-	0,6,6	-	-	-		
87	OHX	5	4026	-	0,6,6	-	-	-		
87	OHX	1	4049	-	0,6,6	-	-	-		
87	OHX	2	2135	-	0,6,6	-	-	-		
87	OHX	1	3920	-	0,6,6	-	-	-		
87	OHX	1	4101	-	0,6,6	-	-	-		
87	OHX	1	3962	-	0,6,6	-	-	-		
87	OHX	M0	303	-	0,6,6	-	-	-		
87	OHX	6	2071	-	0,6,6	-	-	-		
87	OHX	5	4088	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	8	216	-	0,6,6	-	-	-		
87	OHX	1	4141	-	0,6,6	-	-	-		
87	OHX	5	4125	-	0,6,6	-	-	-		
87	OHX	5	4244	-	0,6,6	-	-	-		
87	OHX	5	3927	-	0,6,6	-	-	-		
87	OHX	1	4060	-	0,6,6	-	-	-		
87	OHX	5	4070	-	0,6,6	-	-	-		
87	OHX	1	3983	-	0,6,6	-	-	-		
87	OHX	6	2084	-	0,6,6	-	-	-		
87	OHX	5	3932	-	0,6,6	-	-	-		
87	OHX	2	2097	-	0,6,6	-	-	-		
87	OHX	1	4122	-	0,6,6	-	-	-		
87	OHX	1	4160	-	0,6,6	-	-	-		
87	OHX	5	3948	-	0,6,6	-	-	-		
87	OHX	5	4222	-	0,6,6	-	-	-		
87	OHX	1	4055	-	0,6,6	-	-	-		
87	OHX	1	4205	-	0,6,6	-	-	-		
87	OHX	5	4078	-	0,6,6	-	-	-		
87	OHX	1	3905	-	0,6,6	-	-	-		
87	OHX	2	2163	-	0,6,6	-	-	-		
87	OHX	6	2186	-	0,6,6	-	-	-		
87	OHX	2	2041	-	0,6,6	-	-	-		
87	OHX	5	3961	-	0,6,6	-	-	-		
87	OHX	5	3996	-	0,6,6	-	-	-		
87	OHX	5	4239	-	0,6,6	-	-	-		
87	OHX	2	2149	-	0,6,6	-	-	-		
87	OHX	6	2178	-	0,6,6	-	-	-		
87	OHX	c8	203	-	0,6,6	-	-	-		
87	OHX	5	3976	-	0,6,6	-	-	-		
87	OHX	6	2117	-	0,6,6	-	-	-		
87	OHX	1	4095	-	0,6,6	-	-	-		
87	OHX	5	3998	-	0,6,6	-	-	-		
87	OHX	4	227	-	0,6,6	-	-	-		
87	OHX	2	2161	-	0,6,6	-	-	-		
87	OHX	5	4075	-	0,6,6	-	-	-		
87	OHX	1	4167	-	0,6,6	-	-	-		
87	OHX	2	2140	-	0,6,6	-	-	-		
87	OHX	1	3903	-	0,6,6	-	-	-		
87	OHX	1	4198	-	0,6,6	-	-	-		
87	OHX	2	2138	-	0,6,6	-	-	-		
87	OHX	5	3937	-	0,6,6	-	-	-		
87	OHX	1	4158	-	0,6,6	-	-	-		
87	OHX	1	3951	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4131	-	0,6,6	-	-	-		
87	OHX	1	4186	-	0,6,6	-	-	-		
87	OHX	1	3967	-	0,6,6	-	-	-		
87	OHX	1	3886	-	0,6,6	-	-	-		
87	OHX	1	4165	-	0,6,6	-	-	-		
87	OHX	2	2141	-	0,6,6	-	-	-		
87	OHX	5	4152	-	0,6,6	-	-	-		
87	OHX	2	2027	-	0,6,6	-	-	-		
87	OHX	5	3971	-	0,6,6	-	-	-		
87	OHX	5	4007	-	0,6,6	-	-	-		
87	OHX	5	4103	-	0,6,6	-	-	-		
87	OHX	5	4203	-	0,6,6	-	-	-		
87	OHX	2	2162	-	0,6,6	-	-	-		
87	OHX	1	3998	-	0,6,6	-	-	-		
87	OHX	1	4100	-	0,6,6	-	-	-		
87	OHX	6	2102	-	0,6,6	-	-	-		
87	OHX	5	3909	-	0,6,6	-	-	-		
87	OHX	5	4005	-	0,6,6	-	-	-		
87	OHX	5	4134	-	0,6,6	-	-	-		
87	OHX	8	223	-	0,6,6	-	-	-		
87	OHX	5	4012	-	0,6,6	-	-	-		
87	OHX	5	4090	-	0,6,6	-	-	-		
87	OHX	5	4247	-	0,6,6	-	-	-		
87	OHX	15	304	-	0,6,6	-	-	-		
87	OHX	2	2060	-	0,6,6	-	-	-		
87	OHX	2	2125	-	0,6,6	-	-	-		
87	OHX	1	3904	-	0,6,6	-	-	-		
87	OHX	1	4161	-	0,6,6	-	-	-		
87	OHX	2	2064	-	0,6,6	-	-	-		
87	OHX	1	3924	-	0,6,6	-	-	-		
87	OHX	1	3978	-	0,6,6	-	-	-		
87	OHX	8	214	-	0,6,6	-	-	-		
87	OHX	2	2072	-	0,6,6	-	-	-		
87	OHX	2	2123	-	0,6,6	-	-	-		
87	OHX	1	4009	-	0,6,6	-	-	-		
87	OHX	5	4077	-	0,6,6	-	-	-		
87	OHX	1	4069	-	0,6,6	-	-	-		
87	OHX	5	4089	-	0,6,6	-	-	-		
87	OHX	1	3966	-	0,6,6	-	-	-		
87	OHX	7	222	-	0,6,6	-	-	-		
87	OHX	2	2158	-	0,6,6	-	-	-		
87	OHX	1	4209	-	0,6,6	-	-	-		
87	OHX	1	3907	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2127	-	0,6,6	-	-	-		
87	OHX	2	2169	-	0,6,6	-	-	-		
87	OHX	1	4042	-	0,6,6	-	-	-		
87	OHX	5	3913	-	0,6,6	-	-	-		
87	OHX	5	3958	-	0,6,6	-	-	-		
87	OHX	5	3928	-	0,6,6	-	-	-		
87	OHX	5	4027	-	0,6,6	-	-	-		
87	OHX	1	3892	-	0,6,6	-	-	-		
87	OHX	1	4030	-	0,6,6	-	-	-		
87	OHX	1	3932	-	0,6,6	-	-	-		
87	OHX	2	2178	-	0,6,6	-	-	-		
87	OHX	1	3982	-	0,6,6	-	-	-		
87	OHX	2	2043	-	0,6,6	-	-	-		
87	OHX	1	4102	-	0,6,6	-	-	-		
87	OHX	1	4207	-	0,6,6	-	-	-		
87	OHX	6	2125	-	0,6,6	-	-	-		
87	OHX	5	3922	-	0,6,6	-	-	-		
87	OHX	5	3970	-	0,6,6	-	-	-		
87	OHX	5	4076	-	0,6,6	-	-	-		
87	OHX	5	4226	-	0,6,6	-	-	-		
87	OHX	5	4084	-	0,6,6	-	-	-		
87	OHX	5	4176	-	0,6,6	-	-	-		
87	OHX	4	230	-	0,6,6	-	-	-		
87	OHX	5	3965	-	0,6,6	-	-	-		
87	OHX	1	3996	-	0,6,6	-	-	-		
87	OHX	6	2164	-	0,6,6	-	-	-		
87	OHX	6	2180	-	0,6,6	-	-	-		
87	OHX	2	2062	-	0,6,6	-	-	-		
87	OHX	1	3933	-	0,6,6	-	-	-		
87	OHX	5	4011	-	0,6,6	-	-	-		
87	OHX	m4	201	-	0,6,6	-	-	-		
87	OHX	1	4047	-	0,6,6	-	-	-		
87	OHX	5	4009	-	0,6,6	-	-	-		
87	OHX	1	4035	-	0,6,6	-	-	-		
87	OHX	2	2166	-	0,6,6	-	-	-		
87	OHX	q2	502	-	0,6,6	-	-	-		
87	OHX	1	4019	-	0,6,6	-	-	-		
87	OHX	1	3949	-	0,6,6	-	-	-		
87	OHX	5	4183	-	0,6,6	-	-	-		
87	OHX	5	4133	-	0,6,6	-	-	-		
87	OHX	1	4131	-	0,6,6	-	-	-		
87	OHX	5	4043	-	0,6,6	-	-	-		
87	OHX	5	4083	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	5	4155	-	0,6,6	-	-	-		
87	OHX	6	2062	-	0,6,6	-	-	-		
87	OHX	2	2051	-	0,6,6	-	-	-		
87	OHX	1	4112	-	0,6,6	-	-	-		
87	OHX	2	2155	-	0,6,6	-	-	-		
87	OHX	1	3971	-	0,6,6	-	-	-		
87	OHX	1	3883	-	0,6,6	-	-	-		
87	OHX	1	3936	-	0,6,6	-	-	-		
87	OHX	6	2078	-	0,6,6	-	-	-		
87	OHX	5	4190	-	0,6,6	-	-	-		
87	OHX	5	4229	-	0,6,6	-	-	-		
87	OHX	1	3910	-	0,6,6	-	-	-		
87	OHX	5	3977	-	0,6,6	-	-	-		
87	OHX	5	4066	-	0,6,6	-	-	-		
87	OHX	2	2025	-	0,6,6	-	-	-		
87	OHX	5	4194	-	0,6,6	-	-	-		
87	OHX	3	215	-	0,6,6	-	-	-		
87	OHX	2	2095	-	0,6,6	-	-	-		
87	OHX	2	2076	-	0,6,6	-	-	-		
87	OHX	1	4150	-	0,6,6	-	-	-		
87	OHX	1	3871	-	0,6,6	-	-	-		
87	OHX	5	4014	-	0,6,6	-	-	-		
87	OHX	6	2189	-	0,6,6	-	-	-		
87	OHX	5	4097	-	0,6,6	-	-	-		
87	OHX	1	3929	-	0,6,6	-	-	-		
87	OHX	1	4087	-	0,6,6	-	-	-		
87	OHX	6	2157	-	0,6,6	-	-	-		
87	OHX	1	4077	-	0,6,6	-	-	-		
87	OHX	1	3984	-	0,6,6	-	-	-		
87	OHX	2	2044	-	0,6,6	-	-	-		
87	OHX	1	3874	-	0,6,6	-	-	-		
87	OHX	1	4037	-	0,6,6	-	-	-		
87	OHX	6	2140	-	0,6,6	-	-	-		
87	OHX	1	3944	-	0,6,6	-	-	-		
87	OHX	1	3999	-	0,6,6	-	-	-		
87	OHX	1	3898	-	0,6,6	-	-	-		
87	OHX	1	4170	-	0,6,6	-	-	-		
87	OHX	6	2097	-	0,6,6	-	-	-		
87	OHX	6	2138	-	0,6,6	-	-	-		
87	OHX	3	225	-	0,6,6	-	-	-		
87	OHX	6	2136	-	0,6,6	-	-	-		
87	OHX	6	2151	-	0,6,6	-	-	-		
89	3HE	5	4252	-	21,21,21	0.90	1 (4%)	23,30,30	0.75	0

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	2	2144	-	0,6,6	-	-	-		
87	OHX	1	4073	-	0,6,6	-	-	-		
87	OHX	2	2028	-	0,6,6	-	-	-		
87	OHX	2	2022	-	0,6,6	-	-	-		
87	OHX	1	4061	-	0,6,6	-	-	-		
87	OHX	6	2094	-	0,6,6	-	-	-		
87	OHX	6	2107	-	0,6,6	-	-	-		
87	OHX	2	2023	-	0,6,6	-	-	-		
87	OHX	6	2183	-	0,6,6	-	-	-		
87	OHX	6	2194	-	0,6,6	-	-	-		
87	OHX	7	223	-	0,6,6	-	-	-		
87	OHX	2	2036	-	0,6,6	-	-	-		
87	OHX	1	4050	-	0,6,6	-	-	-		
87	OHX	2	2153	-	0,6,6	-	-	-		
87	OHX	2	2170	-	0,6,6	-	-	-		
87	OHX	7	217	-	0,6,6	-	-	-		
87	OHX	O7	103	-	0,6,6	-	-	-		
87	OHX	l3	404	-	0,6,6	-	-	-		
87	OHX	M7	208	-	0,6,6	-	-	-		
87	OHX	2	2066	-	0,6,6	-	-	-		
87	OHX	5	3981	-	0,6,6	-	-	-		
87	OHX	5	4179	-	0,6,6	-	-	-		
87	OHX	1	3930	-	0,6,6	-	-	-		
87	OHX	6	2135	-	0,6,6	-	-	-		
87	OHX	8	229	-	0,6,6	-	-	-		
87	OHX	1	3945	-	0,6,6	-	-	-		
87	OHX	1	4211	-	0,6,6	-	-	-		
87	OHX	6	2132	-	0,6,6	-	-	-		
87	OHX	5	4119	-	0,6,6	-	-	-		
87	OHX	2	2057	-	0,6,6	-	-	-		
87	OHX	1	4127	-	0,6,6	-	-	-		
87	OHX	6	2143	-	0,6,6	-	-	-		
87	OHX	1	3997	-	0,6,6	-	-	-		
87	OHX	6	2168	-	0,6,6	-	-	-		
87	OHX	5	4169	-	0,6,6	-	-	-		
87	OHX	d9	102	-	0,6,6	-	-	-		
87	OHX	8	226	-	0,6,6	-	-	-		
87	OHX	O2	201	-	0,6,6	-	-	-		
87	OHX	1	4171	-	0,6,6	-	-	-		
87	OHX	5	4054	-	0,6,6	-	-	-		
87	OHX	1	4138	-	0,6,6	-	-	-		
87	OHX	5	4039	-	0,6,6	-	-	-		
87	OHX	1	3893	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
87	OHX	7	221	-	0,6,6	-	-	-		
87	OHX	5	4022	-	0,6,6	-	-	-		
87	OHX	5	3931	-	0,6,6	-	-	-		
87	OHX	7	227	-	0,6,6	-	-	-		
87	OHX	1	4196	-	0,6,6	-	-	-		
87	OHX	1	4072	-	0,6,6	-	-	-		
87	OHX	5	4099	-	0,6,6	-	-	-		
87	OHX	1	4086	-	0,6,6	-	-	-		
87	OHX	5	4248	-	0,6,6	-	-	-		
87	OHX	5	3916	-	0,6,6	-	-	-		
87	OHX	1	3942	-	0,6,6	-	-	-		
87	OHX	5	3979	-	0,6,6	-	-	-		
87	OHX	5	4017	-	0,6,6	-	-	-		
87	OHX	O3	202	-	0,6,6	-	-	-		
87	OHX	5	4121	-	0,6,6	-	-	-		
87	OHX	1	3885	-	0,6,6	-	-	-		
87	OHX	1	3911	-	0,6,6	-	-	-		
87	OHX	5	3901	-	0,6,6	-	-	-		
87	OHX	2	2037	-	0,6,6	-	-	-		
87	OHX	1	4111	-	0,6,6	-	-	-		
87	OHX	2	2117	-	0,6,6	-	-	-		

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

Mol	Type	Chain	Res	Link	Chirals	Torsions	Rings
89	3HE	1	4215	-	-	1/8/36/36	0/2/2/2
89	3HE	5	4252	-	-	3/8/36/36	0/2/2/2

All (1) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
89	5	4252	3HE	C5-C7	3.44	1.58	1.53

There are no bond angle outliers.

There are no chirality outliers.

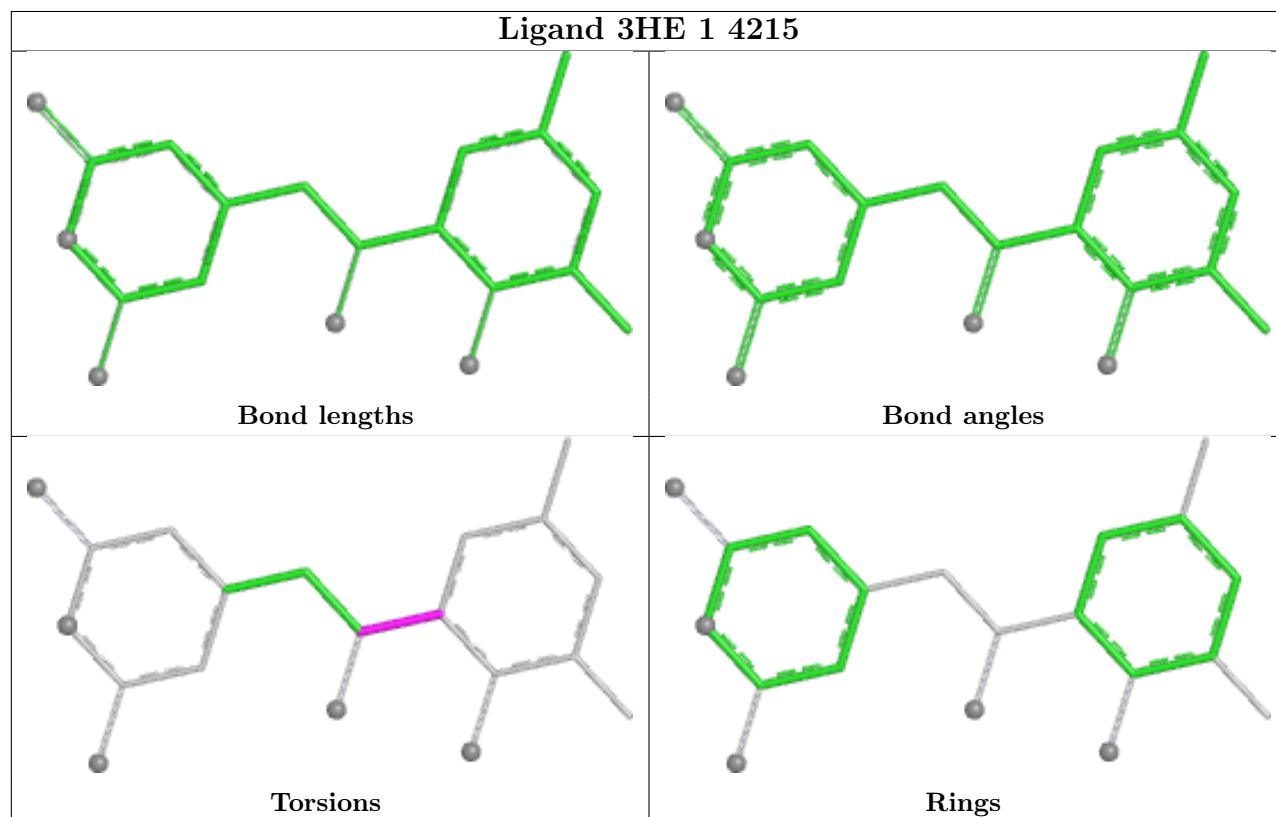
All (4) torsion outliers are listed below:

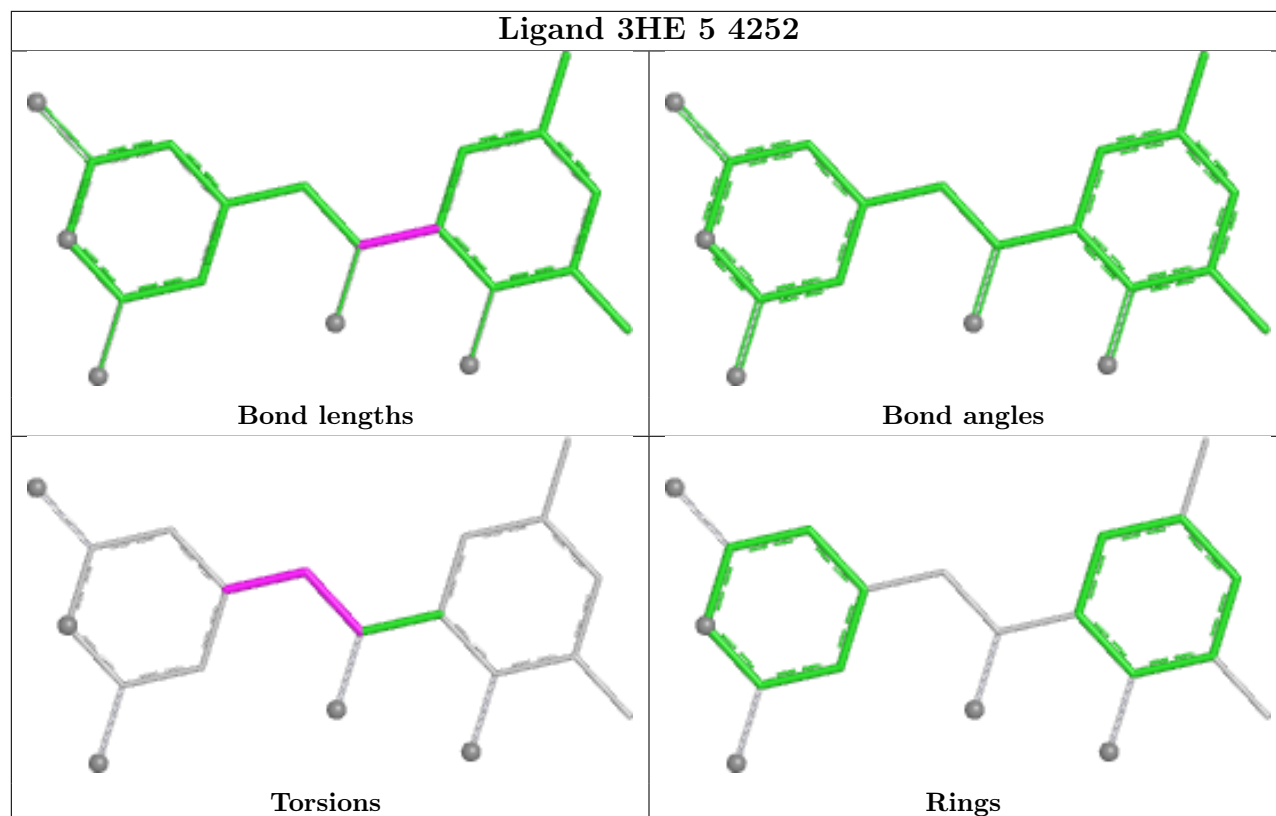
Mol	Chain	Res	Type	Atoms
89	5	4252	3HE	C7-C8-C9-C13
89	5	4252	3HE	C7-C8-C9-C10
89	5	4252	3HE	O3-C7-C8-C9
89	1	4215	3HE	C6-C5-C7-C8

There are no ring outliers.

No monomer is involved in short contacts.

The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included. For torsion angles, if less than 5% of the Mogul distribution of torsion angles is within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question and similar rings identified by Mogul is calculated over all ring torsion angles. If the average RMSD is greater than 60 degrees and the minimal RMSD between the ring in question and any Mogul-identified rings is also greater than 60 degrees, then that ring is considered an outlier. The outliers are highlighted in purple. The color gray indicates Mogul did not find sufficient equivalents in the CSD to analyse the geometry.





4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues [i](#)

The following chains have linkage breaks:

Mol	Chain	Number of breaks
34	SR	2

All chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	SR	161:LYS	C	162:ALA	N	0.76
1	SR	160:GLU	C	161:LYS	N	0.64

5 Fit of model and data ⓘ

5.1 Protein, DNA and RNA chains ⓘ

In the following table, the column labelled ‘#RSRZ> 2’ contains the number (and percentage) of RSRZ outliers, followed by percent RSRZ outliers for the chain as percentile scores relative to all X-ray entries and entries of similar resolution. The OWAB column contains the minimum, median, 95th percentile and maximum values of the occupancy-weighted average B-factor per residue. The column labelled ‘Q< 0.9’ lists the number of (and percentage) of residues with an average occupancy less than 0.9.

Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
1	2	1750/1800 (97%)	0.09	54 (3%) 51 42	44, 77, 148, 252	0
1	6	1795/1800 (99%)	-0.12	37 (2%) 63 54	32, 62, 155, 269	0
2	S0	206/251 (82%)	0.95	25 (12%) 8 7	80, 96, 108, 136	0
2	s0	206/251 (82%)	0.44	7 (3%) 48 39	59, 77, 93, 103	0
3	S1	214/254 (84%)	1.06	32 (14%) 5 4	84, 119, 149, 159	0
3	s1	216/254 (85%)	0.37	7 (3%) 50 41	57, 71, 93, 103	0
4	S2	217/253 (85%)	0.77	15 (6%) 23 18	59, 74, 90, 106	0
4	s2	217/253 (85%)	0.40	11 (5%) 33 26	46, 61, 77, 88	0
5	S3	223/239 (93%)	0.95	22 (9%) 13 11	66, 79, 102, 119	0
5	s3	223/239 (93%)	0.80	13 (5%) 29 22	58, 83, 105, 114	0
6	S4	260/260 (100%)	0.54	8 (3%) 51 42	54, 76, 90, 118	0
6	s4	260/260 (100%)	0.04	1 (0%) 88 85	40, 62, 76, 107	0
7	S5	206/224 (91%)	0.94	15 (7%) 21 17	80, 100, 117, 133	0
7	s5	206/224 (91%)	0.73	19 (9%) 14 12	58, 78, 106, 120	0
8	S6	226/236 (95%)	0.90	24 (10%) 11 9	55, 91, 109, 139	0
8	s6	218/236 (92%)	0.50	7 (3%) 50 41	42, 71, 93, 116	0
9	S7	184/189 (97%)	1.06	21 (11%) 10 8	72, 104, 135, 144	0
9	s7	186/189 (98%)	1.07	28 (15%) 5 4	55, 87, 121, 134	0
10	S8	188/200 (94%)	0.52	7 (3%) 45 37	46, 61, 99, 114	0
10	s8	188/200 (94%)	0.45	9 (4%) 35 28	37, 58, 100, 113	0
11	S9	185/196 (94%)	1.02	27 (14%) 6 4	71, 86, 123, 155	0
11	s9	185/196 (94%)	0.36	4 (2%) 62 53	53, 67, 103, 136	0
12	C0	96/105 (91%)	1.18	14 (14%) 6 4	70, 92, 122, 137	0
12	c0	96/105 (91%)	1.25	21 (21%) 2 2	75, 105, 133, 154	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	C1	155/155 (100%)	0.86	20 (12%) 7 6	47, 59, 115, 127	0
13	c1	146/155 (94%)	0.55	12 (8%) 17 14	38, 53, 82, 101	0
14	C2	124/142 (87%)	1.25	19 (15%) 5 4	114, 127, 149, 164	0
14	c2	124/142 (87%)	1.43	31 (25%) 2 1	145, 165, 186, 197	0
15	C3	150/150 (100%)	0.41	2 (1%) 75 67	57, 75, 89, 95	0
15	c3	150/150 (100%)	0.27	2 (1%) 75 67	45, 60, 75, 93	0
16	C4	127/136 (93%)	1.31	25 (19%) 3 2	58, 120, 136, 138	0
16	c4	128/136 (94%)	0.62	9 (7%) 22 18	42, 74, 84, 91	0
17	C5	124/141 (87%)	0.53	9 (7%) 21 17	64, 80, 120, 139	0
17	c5	135/141 (95%)	0.81	15 (11%) 10 9	60, 79, 110, 132	0
18	C6	141/142 (99%)	0.66	12 (8%) 16 14	68, 90, 96, 99	0
18	c6	142/142 (100%)	0.73	14 (9%) 13 11	54, 72, 86, 107	0
19	C7	120/136 (88%)	0.99	14 (11%) 9 8	73, 92, 119, 122	0
19	c7	117/136 (86%)	0.57	11 (9%) 14 12	62, 77, 105, 109	0
20	C8	145/145 (100%)	0.49	4 (2%) 55 46	64, 87, 113, 122	0
20	c8	145/145 (100%)	0.21	4 (2%) 55 46	57, 67, 93, 106	0
21	C9	143/143 (100%)	0.42	5 (3%) 47 38	72, 88, 105, 116	0
21	c9	143/143 (100%)	0.28	6 (4%) 40 32	54, 65, 84, 104	0
22	D0	107/120 (89%)	1.24	21 (19%) 3 2	64, 93, 128, 134	0
22	d0	110/120 (91%)	1.13	18 (16%) 4 3	53, 86, 129, 150	0
23	D1	87/87 (100%)	0.69	4 (4%) 37 29	76, 83, 105, 115	0
23	d1	87/87 (100%)	0.02	0 100 100	57, 64, 86, 98	0
24	D2	129/129 (100%)	0.49	1 (0%) 82 77	58, 68, 75, 85	0
24	d2	129/129 (100%)	0.08	1 (0%) 82 77	41, 51, 57, 66	0
25	D3	144/144 (100%)	0.60	7 (4%) 35 27	49, 56, 67, 82	0
25	d3	144/144 (100%)	0.18	4 (2%) 55 46	36, 42, 56, 69	0
26	D4	134/134 (100%)	0.71	11 (8%) 17 14	67, 91, 109, 114	0
26	d4	134/134 (100%)	0.48	6 (4%) 38 30	50, 72, 86, 107	0
27	D5	70/107 (65%)	0.94	8 (11%) 10 8	95, 111, 123, 128	0
27	d5	69/107 (64%)	0.61	4 (5%) 29 22	68, 90, 104, 109	0
28	D6	97/97 (100%)	0.94	18 (18%) 3 3	65, 81, 138, 142	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	d6	97/97 (100%)	0.62	8 (8%) 17 14	46, 59, 89, 98	0
29	D7	81/81 (100%)	0.55	2 (2%) 58 48	71, 89, 128, 138	0
29	d7	81/81 (100%)	0.51	5 (6%) 26 21	55, 71, 117, 119	0
30	D8	63/66 (95%)	1.33	8 (12%) 8 6	94, 112, 127, 147	0
30	d8	63/66 (95%)	1.20	11 (17%) 4 3	76, 92, 108, 120	0
31	D9	53/55 (96%)	0.28	2 (3%) 44 36	63, 67, 91, 102	0
31	d9	53/55 (96%)	0.51	3 (5%) 29 23	57, 62, 101, 118	0
32	E0	60/60 (100%)	1.11	11 (18%) 3 3	56, 86, 127, 132	0
33	E1	71/76 (93%)	1.23	16 (22%) 2 2	91, 110, 126, 129	0
34	SR	318/318 (100%)	0.66	20 (6%) 26 20	60, 95, 117, 143	0
34	sR	318/318 (100%)	0.80	28 (8%) 15 13	75, 95, 114, 135	0
35	SM	159/273 (58%)	1.35	42 (26%) 1 1	55, 80, 128, 136	0
35	sM	104/273 (38%)	1.38	27 (25%) 1 1	45, 81, 162, 167	0
36	1	3149/3396 (92%)	-0.34	59 (1%) 66 58	20, 43, 119, 234	0
36	5	3150/3396 (92%)	-0.39	58 (1%) 67 59	20, 42, 111, 229	0
37	3	121/121 (100%)	-0.57	1 (0%) 82 77	33, 59, 76, 81	0
37	7	121/121 (100%)	-0.61	1 (0%) 82 77	27, 43, 56, 64	0
38	4	158/158 (100%)	-0.49	4 (2%) 58 48	26, 45, 83, 114	0
38	8	158/158 (100%)	-0.34	3 (1%) 66 58	33, 53, 91, 112	0
39	L2	252/253 (99%)	0.01	1 (0%) 88 85	25, 40, 58, 66	0
39	l2	252/253 (99%)	0.07	11 (4%) 39 30	26, 44, 61, 74	0
40	L3	386/386 (100%)	-0.01	6 (1%) 70 62	27, 47, 60, 97	0
40	l3	386/386 (100%)	-0.28	4 (1%) 79 73	20, 34, 47, 83	0
41	L4	361/361 (100%)	-0.10	4 (1%) 78 71	21, 37, 54, 65	0
41	l4	361/361 (100%)	0.18	14 (3%) 43 35	26, 44, 62, 70	0
42	L5	296/296 (100%)	0.10	5 (1%) 69 61	41, 65, 83, 105	0
42	l5	294/296 (99%)	-0.12	3 (1%) 79 73	34, 48, 71, 110	0
43	L6	156/175 (89%)	-0.14	2 (1%) 75 67	33, 40, 60, 80	0
43	l6	157/175 (89%)	-0.04	0 100 100	35, 43, 63, 75	0
44	L7	222/243 (91%)	-0.19	4 (1%) 67 59	26, 33, 62, 110	0
44	l7	223/243 (91%)	-0.18	1 (0%) 88 85	24, 33, 69, 112	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
45	L8	233/255 (91%)	0.48	12 (5%) 33 26	48, 62, 96, 114	0
45	l8	231/255 (90%)	0.50	10 (4%) 40 31	58, 70, 98, 105	0
46	L9	191/191 (100%)	0.05	3 (1%) 70 62	43, 55, 66, 86	0
46	l9	191/191 (100%)	-0.14	3 (1%) 70 62	31, 38, 58, 78	0
47	M0	211/220 (95%)	0.10	8 (3%) 44 36	28, 44, 78, 113	0
47	m0	213/220 (96%)	0.18	9 (4%) 40 32	26, 45, 71, 90	0
48	M1	169/173 (97%)	0.18	0 100 100	49, 68, 80, 92	0
48	m1	169/173 (97%)	0.03	3 (1%) 67 59	36, 52, 64, 76	0
49	M3	193/198 (97%)	0.08	5 (2%) 57 48	24, 46, 83, 111	0
49	m3	194/198 (97%)	0.24	4 (2%) 63 54	31, 55, 90, 114	0
50	M4	136/137 (99%)	-0.12	2 (1%) 72 64	35, 43, 57, 65	0
50	m4	137/137 (100%)	-0.13	2 (1%) 72 64	31, 36, 55, 65	0
51	M5	203/203 (100%)	-0.10	0 100 100	23, 39, 49, 55	0
51	m5	203/203 (100%)	-0.09	0 100 100	29, 48, 58, 61	0
52	M6	197/198 (99%)	-0.09	4 (2%) 65 56	27, 35, 55, 60	0
52	m6	197/198 (99%)	-0.23	5 (2%) 58 48	21, 26, 51, 57	0
53	M7	183/183 (100%)	0.23	13 (7%) 22 17	29, 36, 88, 118	0
53	m7	155/183 (84%)	-0.16	3 (1%) 66 58	24, 34, 48, 81	0
54	M8	185/185 (100%)	-0.11	2 (1%) 78 71	26, 36, 48, 60	0
54	m8	185/185 (100%)	0.00	2 (1%) 78 71	30, 42, 52, 59	0
55	M9	188/188 (100%)	0.44	10 (5%) 32 25	43, 57, 135, 146	0
55	m9	188/188 (100%)	0.43	12 (6%) 25 20	40, 52, 115, 132	0
56	N0	172/172 (100%)	-0.16	2 (1%) 76 69	35, 41, 55, 62	0
56	n0	172/172 (100%)	-0.14	4 (2%) 61 52	27, 34, 44, 54	0
57	N1	159/159 (100%)	-0.04	2 (1%) 75 67	30, 40, 77, 83	0
57	n1	159/159 (100%)	-0.13	0 100 100	27, 35, 70, 76	0
58	N2	100/120 (83%)	0.72	7 (7%) 22 18	72, 89, 104, 120	0
58	n2	98/120 (81%)	0.48	2 (2%) 65 56	64, 77, 86, 89	0
59	N3	136/136 (100%)	0.21	7 (5%) 33 26	31, 42, 58, 66	0
59	n3	136/136 (100%)	0.03	3 (2%) 62 53	22, 33, 47, 51	0
60	N4	98/155 (63%)	1.58	33 (33%) 1 1	43, 54, 140, 144	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
60	n4	135/155 (87%)	0.69	17 (12%) 8 6	32, 80, 117, 135	0
61	N5	121/141 (85%)	0.07	0 100 100	38, 52, 70, 94	0
61	n5	120/141 (85%)	0.28	3 (2%) 58 48	43, 57, 75, 83	0
62	N6	126/126 (100%)	-0.23	2 (1%) 70 62	30, 47, 59, 71	0
62	n6	126/126 (100%)	0.11	3 (2%) 59 50	37, 53, 69, 75	0
63	N7	135/135 (100%)	0.27	2 (1%) 72 64	59, 74, 88, 96	0
63	n7	135/135 (100%)	0.47	3 (2%) 62 53	65, 81, 105, 113	0
64	N8	148/148 (100%)	-0.13	1 (0%) 84 79	21, 37, 61, 71	0
64	n8	148/148 (100%)	-0.04	0 100 100	23, 45, 64, 68	0
65	N9	58/58 (100%)	0.27	4 (6%) 23 18	25, 45, 91, 106	0
65	n9	58/58 (100%)	0.21	3 (5%) 33 26	24, 46, 67, 78	0
66	O0	97/104 (93%)	0.34	5 (5%) 33 26	59, 69, 95, 100	0
66	o0	100/104 (96%)	0.52	7 (7%) 22 18	62, 72, 104, 120	0
67	O1	109/112 (97%)	0.16	4 (3%) 45 37	41, 53, 89, 104	0
67	o1	109/112 (97%)	0.05	3 (2%) 55 46	33, 44, 84, 103	0
68	O2	127/129 (98%)	-0.22	4 (3%) 51 42	21, 34, 44, 63	0
68	o2	127/129 (98%)	-0.01	3 (2%) 59 50	22, 40, 53, 69	0
69	O3	106/106 (100%)	-0.24	1 (0%) 81 75	26, 32, 52, 60	0
69	o3	106/106 (100%)	-0.15	2 (1%) 66 58	24, 32, 56, 67	0
70	O4	112/119 (94%)	0.45	7 (6%) 26 20	39, 57, 97, 111	0
70	o4	112/119 (94%)	0.33	4 (3%) 46 38	40, 59, 95, 105	0
71	O5	119/119 (100%)	0.13	1 (0%) 82 77	36, 56, 63, 64	0
71	o5	119/119 (100%)	0.19	2 (1%) 69 61	45, 61, 70, 74	0
72	O6	99/99 (100%)	0.22	4 (4%) 42 34	41, 52, 79, 92	0
72	o6	99/99 (100%)	0.19	3 (3%) 52 43	50, 61, 81, 103	0
73	O7	87/87 (100%)	-0.01	3 (3%) 48 39	27, 34, 59, 83	0
73	o7	87/87 (100%)	0.02	2 (2%) 61 52	28, 36, 65, 101	0
74	O8	77/77 (100%)	0.30	0 100 100	63, 77, 97, 106	0
74	o8	77/77 (100%)	0.39	3 (3%) 43 35	65, 78, 97, 104	0
75	O9	50/50 (100%)	0.15	2 (4%) 42 34	36, 40, 50, 53	0
75	o9	50/50 (100%)	0.19	0 100 100	40, 44, 56, 66	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
76	Q0	52/52 (100%)	-0.18	1 (1%) 66 58	40, 45, 63, 72	0
76	q0	52/52 (100%)	-0.43	1 (1%) 66 58	28, 31, 42, 51	0
77	Q1	25/25 (100%)	0.41	1 (4%) 42 34	45, 48, 51, 56	0
77	q1	25/25 (100%)	0.01	0 100 100	34, 39, 50, 58	0
78	Q2	105/105 (100%)	-0.04	1 (0%) 79 73	25, 43, 64, 96	0
78	q2	105/105 (100%)	-0.15	2 (1%) 66 58	29, 43, 64, 81	0
79	Q3	91/91 (100%)	0.03	1 (1%) 78 71	33, 43, 63, 79	0
79	q3	91/91 (100%)	0.15	1 (1%) 78 71	31, 45, 61, 67	0
80	e0	62/62 (100%)	0.41	5 (8%) 18 15	51, 67, 108, 114	0
81	e1	76/76 (100%)	1.34	19 (25%) 2 1	122, 134, 156, 162	0
82	m2	0/160	-	-	-	-
83	p0	143/311 (45%)	1.05	25 (17%) 4 3	78, 99, 163, 171	0
84	p1	0/47	-	-	-	-
85	p2	0/46	-	-	-	-
All	All	33063/35344 (93%)	0.17	1436 (4%) 40 31	20, 58, 118, 269	0

All (1436) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
60	N4	76	VAL	11.7
60	N4	86	SER	9.6
13	c1	3	THR	8.9
47	m0	111	LEU	8.0
53	M7	161	ALA	7.9
60	N4	88	ASP	7.8
35	SM	85	SER	7.5
83	p0	192	ASP	7.4
7	S5	152	GLY	7.4
60	N4	75	THR	7.2
12	C0	96	ASN	7.1
13	C1	2	SER	7.0
13	c1	5	LEU	6.9
35	SM	88	ARG	6.9
12	C0	89	ALA	6.9
47	m0	103	LEU	6.8
60	N4	89	LEU	6.8
16	C4	15	GLY	6.8
5	S3	148	LYS	6.7

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Mol	Chain	Res	Type	RSRZ
13	C1	146	ALA	6.6
56	N0	1	MET	6.5
17	c5	4	ALA	6.5
60	N4	85	ALA	6.5
60	n4	68	ALA	6.4
12	c0	84	GLU	6.1
7	S5	36	ALA	6.1
19	C7	123	ASN	6.1
22	D0	19	ILE	6.0
36	5	2873	U	6.0
13	C1	152	GLN	6.0
47	M0	112	GLN	6.0
35	SM	83	LYS	5.9
4	S2	90	THR	5.7
52	m6	184	THR	5.7
7	S5	37	GLN	5.7
60	N4	69	LYS	5.6
4	s2	90	THR	5.6
60	N4	72	SER	5.5
60	N4	84	GLY	5.5
47	M0	221	ALA	5.5
13	C1	3	THR	5.4
35	SM	89	ARG	5.4
1	6	794	U	5.4
60	N4	77	LYS	5.3
18	c6	142	TYR	5.3
12	C0	91	TYR	5.3
45	L8	256	ALA	5.3
35	SM	84	LYS	5.3
23	D1	69	LEU	5.2
14	c2	123	VAL	5.2
22	d0	97	VAL	5.2
1	2	238	U	5.2
5	S3	179	GLN	5.2
47	M0	220	GLN	5.2
36	5	2874	G	5.2
56	n0	1	MET	5.1
35	SM	87	THR	5.1
36	1	1349	G	5.1
53	M7	184	ALA	5.1
7	s5	155	ALA	5.1
79	q3	2	ALA	5.1

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Mol	Chain	Res	Type	RSRZ
35	sM	83	LYS	5.1
1	2	794	U	5.0
35	sM	82	THR	5.0
11	S9	5	PRO	4.9
35	sM	84	LYS	4.9
73	O7	88	ALA	4.9
8	S6	163	THR	4.8
21	c9	17	ALA	4.8
13	c1	144	ALA	4.8
60	N4	63	ILE	4.8
12	c0	98	THR	4.8
32	E0	61	SER	4.8
1	6	1800	A	4.8
36	1	2522	G	4.8
17	c5	133	ALA	4.8
36	5	2401	A	4.7
47	M0	218	ALA	4.7
9	s7	2	SER	4.7
13	c1	4	GLU	4.7
49	m3	195	ALA	4.7
17	c5	5	VAL	4.7
81	e1	152	ALA	4.7
7	s5	37	GLN	4.7
55	m9	189	ALA	4.7
1	6	1491	U	4.6
32	E0	53	LYS	4.6
3	S1	184	LEU	4.6
26	D4	134	ALA	4.6
59	n3	2	SER	4.6
1	6	678	A	4.6
9	s7	52	ALA	4.6
13	C1	145	ALA	4.6
34	sR	121	MET	4.6
60	N4	95	SER	4.6
9	S7	38	LEU	4.6
5	s3	3	ALA	4.6
56	n0	2	ALA	4.6
22	D0	97	VAL	4.6
3	S1	25	THR	4.5
5	S3	142	LEU	4.5
13	c1	145	ALA	4.5
60	N4	78	ALA	4.5

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Mol	Chain	Res	Type	RSRZ
35	SM	153	ASP	4.5
32	E0	50	VAL	4.5
13	c1	2	SER	4.5
41	l4	61	SER	4.5
35	sM	119	ALA	4.5
13	C1	156	PHE	4.5
18	C6	143	ARG	4.5
20	C8	17	LEU	4.4
12	c0	97	PRO	4.4
26	D4	135	ASP	4.4
9	s7	4	PRO	4.4
13	C1	147	ALA	4.4
36	1	1352	A	4.4
5	S3	44	THR	4.4
62	N6	127	GLU	4.3
60	N4	87	LEU	4.3
50	m4	8	LYS	4.3
13	c1	146	ALA	4.3
36	1	2873	U	4.3
13	C1	91	LEU	4.3
59	N3	2	SER	4.3
47	M0	219	ALA	4.3
1	6	663	U	4.3
41	L4	60	THR	4.3
11	S9	95	TYR	4.3
2	s0	207	PRO	4.3
5	s3	43	PRO	4.3
60	N4	68	ALA	4.3
1	6	662	U	4.3
16	c4	125	SER	4.3
18	C6	57	LEU	4.3
41	l4	54	GLU	4.3
1	2	793	A	4.2
33	E1	87	THR	4.2
2	S0	207	PRO	4.2
17	c5	7	ALA	4.2
35	SM	19	VAL	4.2
68	o2	128	LEU	4.2
36	1	2401	A	4.2
1	2	320	U	4.2
30	D8	44	VAL	4.2
59	n3	3	GLY	4.2

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Mol	Chain	Res	Type	RSRZ
52	M6	80	PHE	4.2
3	S1	20	VAL	4.2
13	C1	89	ALA	4.2
37	7	73	C	4.2
9	S7	34	LEU	4.2
30	d8	24	GLY	4.2
8	S6	156	PHE	4.2
22	d0	98	GLN	4.1
55	M9	189	ALA	4.1
22	D0	106	ILE	4.1
39	l2	252	THR	4.1
22	d0	118	VAL	4.1
5	s3	145	ALA	4.1
68	o2	127	ALA	4.1
12	c0	94	GLU	4.1
36	5	2404	A	4.1
12	c0	81	ASN	4.1
33	E1	124	PRO	4.1
65	N9	25	LYS	4.1
10	S8	21	PHE	4.1
40	L3	387	LEU	4.0
36	1	2207	A	4.0
60	n4	67	VAL	4.0
53	m7	156	ALA	4.0
10	s8	135	LYS	4.0
9	s7	8	ILE	4.0
18	c6	141	SER	4.0
36	1	1581	C	4.0
66	o0	104	LEU	4.0
12	c0	95	ARG	4.0
9	s7	187	SER	4.0
35	sM	167	PRO	4.0
9	s7	12	ALA	4.0
35	SM	110	TRP	4.0
36	1	2404	A	4.0
14	c2	63	VAL	4.0
35	SM	141	ALA	4.0
73	o7	88	ALA	4.0
80	e0	49	LEU	4.0
55	m9	151	ARG	3.9
17	C5	11	VAL	3.9
12	C0	85	HIS	3.9

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Mol	Chain	Res	Type	RSRZ
22	D0	108	ILE	3.9
81	e1	80	ARG	3.9
4	s2	93	GLY	3.9
36	1	1569	U	3.9
36	5	1349	G	3.9
36	5	2871	G	3.9
58	N2	89	LEU	3.9
2	S0	40	ALA	3.9
30	D8	57	MET	3.9
9	s7	109	VAL	3.9
12	c0	89	ALA	3.9
55	m9	183	ALA	3.9
35	sM	120	GLU	3.8
1	6	75	U	3.8
5	S3	143	ARG	3.8
70	O4	16	ARG	3.8
26	d4	18	LEU	3.8
60	N4	66	GLU	3.8
1	2	261	U	3.8
36	1	2205	U	3.8
36	1	2402	A	3.8
34	SR	160	GLU	3.8
36	1	2874	G	3.8
45	l8	124	ASP	3.8
30	d8	65	ARG	3.8
28	D6	98	PRO	3.8
35	sM	85	SER	3.8
52	m6	180	SER	3.8
19	C7	124	VAL	3.8
35	SM	165	LYS	3.8
3	S1	54	LEU	3.8
20	c8	15	LEU	3.8
81	e1	147	VAL	3.7
20	C8	35	ILE	3.7
22	d0	19	ILE	3.7
29	D7	38	PRO	3.7
22	d0	95	ALA	3.7
63	n7	7	ALA	3.7
65	n9	27	TYR	3.7
36	1	2206	G	3.7
36	5	1103	A	3.7
8	S6	219	ARG	3.7

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Mol	Chain	Res	Type	RSRZ
22	d0	100	VAL	3.7
5	S3	88	ALA	3.7
35	SM	160	ASN	3.7
36	1	1556	C	3.7
41	l4	63	GLU	3.7
36	5	437	G	3.7
66	o0	67	VAL	3.7
18	c6	140	LYS	3.7
3	s1	20	VAL	3.7
1	2	913	G	3.7
7	S5	151	GLY	3.7
12	C0	95	ARG	3.7
35	sM	164	ASN	3.7
9	S7	8	ILE	3.7
36	1	1095	U	3.7
32	E0	49	LEU	3.6
34	SR	9	LEU	3.6
22	d0	120	SER	3.6
35	sM	157	GLN	3.6
26	d4	134	ALA	3.6
36	1	1571	A	3.6
71	O5	120	ALA	3.6
81	e1	77	ALA	3.6
2	s0	206	ASP	3.6
35	sM	156	ASN	3.6
12	c0	82	LEU	3.6
41	l4	65	TRP	3.6
23	D1	10	GLU	3.6
17	c5	11	VAL	3.6
20	C8	22	VAL	3.6
30	D8	7	VAL	3.6
53	M7	165	VAL	3.6
4	s2	96	THR	3.6
9	s7	6	ALA	3.6
32	E0	54	ARG	3.6
19	C7	110	VAL	3.6
9	s7	93	LEU	3.6
14	C2	62	LEU	3.6
9	S7	4	PRO	3.6
36	1	1952	G	3.6
36	5	443	G	3.6
17	c5	9	LYS	3.6

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Mol	Chain	Res	Type	RSRZ
42	L5	291	ALA	3.6
45	L8	57	ARG	3.6
60	n4	72	SER	3.6
7	S5	137	ILE	3.6
22	d0	99	ILE	3.6
35	SM	106	VAL	3.6
20	c8	17	LEU	3.6
60	N4	81	PRO	3.6
81	e1	145	HIS	3.5
18	c6	143	ARG	3.5
34	SR	180	ALA	3.5
63	n7	2	ALA	3.5
70	O4	2	ALA	3.5
3	S1	63	GLY	3.5
14	c2	21	GLU	3.5
12	C0	90	THR	3.5
39	L2	13	GLY	3.5
59	N3	3	GLY	3.5
35	sM	155	LEU	3.5
12	C0	88	PRO	3.5
19	C7	101	ASN	3.5
75	O9	2	ALA	3.5
36	1	1350	A	3.5
35	SM	9	GLY	3.5
16	C4	16	VAL	3.5
60	n4	66	GLU	3.5
35	SM	134	ASP	3.5
40	l3	140	ASP	3.5
10	S8	152	ILE	3.5
1	6	1371	A	3.5
46	L9	52	LEU	3.5
4	s2	91	ARG	3.5
83	p0	107	ALA	3.5
9	s7	5	GLN	3.4
35	sM	158	GLN	3.4
9	s7	34	LEU	3.4
14	C2	88	LEU	3.4
14	C2	109	GLU	3.4
36	1	1567	U	3.4
60	N4	98	PRO	3.4
47	m0	112	GLN	3.4
13	C1	148	LYS	3.4

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Mol	Chain	Res	Type	RSRZ
28	D6	85	ARG	3.4
36	5	440	A	3.4
7	S5	154	ALA	3.4
34	sR	244	ALA	3.4
50	m4	9	ALA	3.4
45	L8	156	ASP	3.4
22	d0	18	GLN	3.4
19	C7	100	LEU	3.4
12	c0	83	PRO	3.4
34	SR	2	ALA	3.4
14	c2	59	LEU	3.4
58	N2	27	VAL	3.4
10	S8	167	ALA	3.4
2	s0	173	ILE	3.4
25	D3	145	SER	3.4
36	1	1351	U	3.4
36	1	1570	U	3.4
48	m1	174	LYS	3.4
6	s4	261	LEU	3.3
68	O2	128	LEU	3.3
1	6	321	C	3.3
35	sM	139	GLU	3.3
9	s7	108	GLN	3.3
16	C4	48	VAL	3.3
34	sR	165	ASP	3.3
35	SM	11	ASP	3.3
59	N3	4	ASN	3.3
60	N4	70	LYS	3.3
60	n4	69	LYS	3.3
1	6	679	U	3.3
35	SM	154	TYR	3.3
36	1	3154	C	3.3
9	S7	12	ALA	3.3
3	S1	188	LEU	3.3
13	c1	117	VAL	3.3
53	M7	157	VAL	3.3
80	e0	62	VAL	3.3
83	p0	27	VAL	3.3
3	S1	233	GLY	3.3
7	S5	153	GLY	3.3
19	C7	125	SER	3.3
7	S5	209	TYR	3.3

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Mol	Chain	Res	Type	RSRZ
8	S6	80	ASN	3.3
22	d0	121	ASN	3.3
77	Q1	1	MET	3.3
36	5	1350	A	3.3
9	s7	3	ALA	3.3
47	m0	221	ALA	3.3
50	M4	9	ALA	3.3
78	Q2	106	PHE	3.3
11	S9	101	VAL	3.3
13	C1	4	GLU	3.2
36	5	981	U	3.2
65	n9	22	LYS	3.2
34	sR	136	ILE	3.2
41	l4	62	ALA	3.2
61	n5	23	ALA	3.2
35	SM	158	GLN	3.2
53	m7	55	GLN	3.2
8	s6	169	TYR	3.2
14	C2	107	ASP	3.2
1	6	320	U	3.2
32	E0	51	ASN	3.2
36	5	547	G	3.2
36	5	3275	U	3.2
12	C0	92	ILE	3.2
8	s6	216	LEU	3.2
16	C4	102	LEU	3.2
20	C8	66	LEU	3.2
33	E1	103	LEU	3.2
83	p0	105	VAL	3.2
2	s0	204	TYR	3.2
5	S3	43	PRO	3.2
22	D0	120	SER	3.2
37	3	73	C	3.2
66	o0	100	ILE	3.2
36	1	1568	U	3.2
36	5	1764	U	3.2
66	o0	105	ALA	3.2
4	S2	224	PHE	3.2
19	c7	105	GLN	3.2
7	S5	150	GLY	3.2
16	C4	95	GLY	3.2
83	p0	184	GLY	3.2

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Mol	Chain	Res	Type	RSRZ
3	s1	110	LEU	3.2
35	SM	86	ASN	3.2
36	5	1192	C	3.2
36	5	3154	C	3.2
68	O2	2	ALA	3.2
14	C2	130	THR	3.2
2	S0	170	ILE	3.2
6	S4	261	LEU	3.1
30	d8	64	ARG	3.1
5	s3	144	ALA	3.1
53	M7	158	ALA	3.1
28	D6	45	VAL	3.1
35	SM	152	GLN	3.1
70	o4	27	GLY	3.1
60	N4	65	GLU	3.1
11	S9	2	PRO	3.1
13	C1	5	LEU	3.1
35	SM	155	LEU	3.1
55	m9	184	LEU	3.1
4	s2	92	ALA	3.1
9	s7	175	LYS	3.1
17	c5	136	SER	3.1
22	D0	45	ALA	3.1
65	n9	25	LYS	3.1
78	q2	17	CYS	3.1
13	C1	153	PHE	3.1
33	E1	150	VAL	3.1
12	c0	90	THR	3.1
22	D0	67	THR	3.1
60	N4	92	GLU	3.1
60	n4	65	GLU	3.1
41	L4	69	ARG	3.1
14	c2	126	TRP	3.1
17	c5	8	LYS	3.1
17	c5	131	ALA	3.1
65	N9	2	ALA	3.1
7	s5	43	PHE	3.1
14	C2	111	ASN	3.1
35	SM	156	ASN	3.1
36	1	2169	G	3.1
1	2	792	U	3.1
35	sM	124	GLN	3.1

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Mol	Chain	Res	Type	RSRZ
3	S1	140	ILE	3.1
5	s3	115	ILE	3.1
22	D0	20	ILE	3.1
22	D0	107	THR	3.1
32	E0	48	THR	3.1
36	1	1762	C	3.1
34	sR	252	LEU	3.1
60	n4	71	ARG	3.1
5	S3	3	ALA	3.1
7	s5	154	ALA	3.1
45	L8	125	ALA	3.1
11	s9	148	VAL	3.1
16	C4	67	VAL	3.1
2	S0	44	GLY	3.1
8	s6	166	GLU	3.1
13	c1	116	ARG	3.1
52	m6	187	GLU	3.1
71	o5	83	LYS	3.1
81	e1	124	PRO	3.1
17	c5	135	THR	3.1
18	c6	3	ALA	3.0
14	c2	75	VAL	3.0
28	D6	84	VAL	3.0
55	m9	22	VAL	3.0
2	S0	190	ASP	3.0
30	D8	21	SER	3.0
33	E1	151	ASN	3.0
34	SR	165	ASP	3.0
35	SM	175	ASP	3.0
34	SR	115	ILE	3.0
3	S1	222	LYS	3.0
30	D8	9	LEU	3.0
55	M9	184	LEU	3.0
25	d3	18	HIS	3.0
25	D3	27	ASN	3.0
34	sR	15	GLY	3.0
80	e0	63	GLN	3.0
15	c3	106	ARG	3.0
53	M7	164	LYS	3.0
35	SM	20	LEU	3.0
36	1	1955	U	3.0
36	5	3155	U	3.0

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Mol	Chain	Res	Type	RSRZ
36	1	1103	A	3.0
83	p0	221	ALA	3.0
5	S3	107	PHE	3.0
34	sR	167	VAL	3.0
1	2	676	G	3.0
36	5	1582	C	3.0
18	c6	57	LEU	3.0
28	D6	53	LEU	3.0
34	sR	141	LEU	3.0
34	SR	12	THR	3.0
1	2	194	U	3.0
18	C6	3	ALA	3.0
36	5	1356	U	3.0
38	4	82	U	3.0
53	M7	160	ALA	3.0
66	O0	105	ALA	3.0
58	N2	28	PHE	3.0
1	2	1151	A	3.0
35	SM	105	LYS	3.0
6	S4	123	LEU	3.0
35	SM	161	ASN	3.0
36	1	1576	G	3.0
53	M7	162	GLU	3.0
14	C2	67	THR	3.0
14	c2	92	ALA	3.0
34	sR	162	ALA	3.0
18	c6	138	PHE	3.0
38	8	81	U	3.0
16	c4	49	LYS	2.9
7	s5	156	ARG	2.9
55	m9	185	LEU	2.9
60	N4	79	GLN	2.9
16	C4	37	GLU	2.9
19	C7	97	ASN	2.9
1	2	656	G	2.9
22	d0	119	ALA	2.9
34	SR	78	ALA	2.9
35	SM	138	ALA	2.9
35	sM	125	ALA	2.9
36	1	1579	C	2.9
5	S3	39	VAL	2.9
12	C0	67	THR	2.9

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Mol	Chain	Res	Type	RSRZ
26	d4	99	LYS	2.9
67	O1	79	ARG	2.9
7	s5	90	ILE	2.9
18	C6	36	ILE	2.9
4	s2	199	GLN	2.9
12	C0	93	GLN	2.9
59	N3	7	GLN	2.9
36	5	2402	A	2.9
67	O1	82	GLU	2.9
35	sM	160	ASN	2.9
3	S1	65	VAL	2.9
12	c0	87	VAL	2.9
44	L7	26	VAL	2.9
47	m0	79	VAL	2.9
19	C7	95	ARG	2.9
72	O6	56	ARG	2.9
36	5	2403	G	2.9
1	6	664	U	2.9
9	s7	16	LEU	2.9
11	S9	80	LEU	2.9
7	s5	150	GLY	2.9
10	s8	67	TRP	2.9
45	L8	123	GLN	2.9
28	d6	98	PRO	2.9
13	C1	150	ASN	2.9
3	S1	156	ALA	2.9
28	d6	81	ALA	2.9
8	s6	22	HIS	2.9
22	d0	104	THR	2.9
39	l2	19	HIS	2.9
29	d7	41	LEU	2.9
42	L5	293	LEU	2.9
1	2	239	C	2.9
32	E0	52	GLY	2.9
31	d9	7	TRP	2.9
36	1	2871	G	2.9
10	s8	117	TYR	2.9
55	m9	186	LYS	2.9
81	e1	82	LYS	2.9
14	c2	37	VAL	2.9
27	D5	36	ALA	2.9
32	E0	47	VAL	2.9

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Mol	Chain	Res	Type	RSRZ
35	SM	176	ALA	2.9
55	M9	177	VAL	2.9
71	o5	120	ALA	2.9
2	S0	102	PHE	2.9
8	S6	154	ARG	2.9
16	C4	34	SER	2.9
18	c6	114	ARG	2.9
36	5	1352	A	2.9
40	L3	146	ARG	2.9
28	D6	67	THR	2.9
44	l7	22	THR	2.9
60	n4	64	THR	2.9
83	p0	93	LEU	2.9
47	M0	113	GLN	2.8
36	1	3156	U	2.8
36	5	249	U	2.8
3	S1	55	LYS	2.8
26	D4	100	VAL	2.8
12	c0	96	ASN	2.8
13	C1	149	ALA	2.8
13	C1	154	ALA	2.8
36	5	1953	G	2.8
40	l3	146	ARG	2.8
66	o0	6	SER	2.8
72	o6	100	HIS	2.8
12	c0	92	ILE	2.8
1	6	1081	A	2.8
36	1	2208	A	2.8
81	e1	78	LYS	2.8
36	1	981	U	2.8
40	L3	154	TYR	2.8
48	m1	116	TYR	2.8
16	c4	135	ARG	2.8
35	sM	138	ALA	2.8
53	M7	128	ARG	2.8
70	O4	23	VAL	2.8
11	S9	104	PHE	2.8
18	c6	44	LEU	2.8
13	C1	151	LYS	2.8
41	l4	55	LYS	2.8
53	M7	163	LYS	2.8
30	D8	6	PRO	2.8

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Mol	Chain	Res	Type	RSRZ
3	S1	64	ARG	2.8
34	SR	79	TYR	2.8
22	d0	103	ILE	2.8
69	o3	106	ASN	2.8
21	C9	5	SER	2.8
26	d4	127	LYS	2.8
68	o2	16	LYS	2.8
35	SM	21	PRO	2.8
1	6	754	A	2.8
36	1	440	A	2.8
36	5	2872	A	2.8
14	c2	22	VAL	2.8
10	s8	109	PHE	2.8
34	sR	180	ALA	2.8
45	l8	117	ALA	2.8
47	m0	195	ALA	2.8
74	o8	11	PHE	2.8
1	2	260	U	2.8
13	C1	54	ILE	2.8
22	d0	93	LEU	2.8
39	l2	15	ILE	2.8
60	N4	90	ILE	2.8
59	n3	4	ASN	2.8
25	D3	3	LYS	2.8
4	S2	34	GLY	2.8
11	S9	3	ARG	2.7
75	O9	46	ARG	2.7
1	2	506	A	2.7
13	c1	147	ALA	2.7
28	d6	47	ALA	2.7
5	S3	21	LEU	2.7
9	s7	49	ILE	2.7
46	l9	191	LEU	2.7
60	N4	82	ILE	2.7
1	2	73	U	2.7
60	N4	97	LYS	2.7
60	n4	97	LYS	2.7
17	c5	6	ASN	2.7
9	s7	14	THR	2.7
16	C4	66	ASP	2.7
66	O0	97	ASP	2.7
4	S2	93	GLY	2.7

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Mol	Chain	Res	Type	RSRZ
19	C7	83	GLN	2.7
36	5	1016	C	2.7
47	M0	2	ALA	2.7
2	S0	204	TYR	2.7
33	E1	85	TYR	2.7
9	s7	7	LYS	2.7
36	5	3195	U	2.7
7	s5	151	GLY	2.7
42	L5	127	GLY	2.7
4	s2	89	GLN	2.7
16	C4	99	GLN	2.7
56	n0	17	GLU	2.7
1	6	717	C	2.7
14	c2	71	ILE	2.7
18	C6	29	ILE	2.7
26	D4	126	ALA	2.7
61	n5	24	LEU	2.7
14	C2	85	LYS	2.7
5	s3	15	GLY	2.7
5	s3	42	THR	2.7
7	s5	152	GLY	2.7
18	c6	115	THR	2.7
35	SM	81	THR	2.7
1	6	676	G	2.7
17	C5	104	GLN	2.7
18	c6	2	SER	2.7
19	c7	62	GLN	2.7
36	5	1576	G	2.7
16	C4	79	VAL	2.7
21	C9	51	GLU	2.7
11	S9	60	LEU	2.7
35	SM	151	LEU	2.7
35	SM	159	ALA	2.7
56	N0	2	ALA	2.7
17	C5	8	LYS	2.7
26	D4	128	LYS	2.7
55	m9	153	LYS	2.7
70	O4	21	LYS	2.7
2	S0	32	HIS	2.7
8	S6	208	TYR	2.7
36	1	2772	C	2.7
53	M7	126	ARG	2.7

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Mol	Chain	Res	Type	RSRZ
16	C4	96	PRO	2.7
17	c5	134	THR	2.7
19	C7	86	PRO	2.7
21	c9	2	PRO	2.7
1	2	558	U	2.7
29	d7	5	GLN	2.7
39	l2	253	GLN	2.7
6	S4	129	VAL	2.7
26	D4	129	VAL	2.7
28	D6	58	VAL	2.7
30	D8	15	VAL	2.7
57	N1	104	GLU	2.7
19	C7	89	SER	2.7
8	S6	171	LYS	2.6
9	s7	181	ILE	2.6
9	s7	85	PHE	2.6
22	D0	21	LYS	2.6
34	sR	118	LYS	2.6
58	N2	11	ILE	2.6
27	D5	82	HIS	2.6
1	2	658	C	2.6
11	S9	166	GLY	2.6
21	C9	2	PRO	2.6
35	SM	167	PRO	2.6
60	n4	132	GLY	2.6
35	sM	161	ASN	2.6
10	s8	123	LYS	2.6
12	c0	22	VAL	2.6
17	c5	34	VAL	2.6
35	SM	174	LEU	2.6
36	5	2505	U	2.6
45	l8	254	ASP	2.6
83	p0	188	VAL	2.6
10	s8	183	ILE	2.6
36	1	1580	A	2.6
36	1	2093	A	2.6
11	S9	181	ALA	2.6
16	C4	11	SER	2.6
7	s5	153	GLY	2.6
8	S6	14	LYS	2.6
49	m3	152	THR	2.6
5	S3	91	VAL	2.6

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Mol	Chain	Res	Type	RSRZ
18	C6	52	LEU	2.6
20	c8	3	LEU	2.6
25	d3	21	ASN	2.6
60	n4	70	LYS	2.6
60	n4	76	VAL	2.6
8	S6	226	ILE	2.6
13	C1	70	ILE	2.6
14	C2	136	ILE	2.6
22	D0	103	ILE	2.6
30	d8	40	ILE	2.6
67	O1	6	ASP	2.6
14	C2	128	ALA	2.6
45	L8	250	ALA	2.6
9	s7	40	PRO	2.6
30	d8	6	PRO	2.6
13	C1	155	LYS	2.6
3	S1	61	LEU	2.6
8	S6	124	LEU	2.6
8	S6	168	THR	2.6
19	c7	113	LEU	2.6
55	M9	185	LEU	2.6
2	S0	144	ILE	2.6
78	q2	106	PHE	2.6
83	p0	106	ALA	2.6
1	2	1105	C	2.6
1	2	1625	C	2.6
1	2	132	U	2.6
2	S0	23	HIS	2.6
60	N4	93	ARG	2.6
1	2	623	A	2.6
5	S3	87	TYR	2.6
25	D3	114	LYS	2.6
42	l5	270	LYS	2.6
9	S7	53	GLY	2.6
34	SR	208	GLY	2.6
48	m1	8	PRO	2.6
58	N2	108	TYR	2.6
83	p0	191	TYR	2.6
3	s1	218	LEU	2.6
22	D0	93	LEU	2.6
6	S4	162	ILE	2.6
34	sR	317	THR	2.6

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Mol	Chain	Res	Type	RSRZ
70	o4	81	CYS	2.6
22	D0	98	GLN	2.6
45	l8	123	GLN	2.6
14	C2	20	ALA	2.6
27	D5	104	ALA	2.6
83	p0	88	PHE	2.6
7	s5	145	ASP	2.6
35	sM	134	ASP	2.6
36	1	2418	G	2.5
1	2	1370	U	2.5
1	2	1637	C	2.5
34	sR	120	SER	2.5
7	S5	41	LYS	2.5
25	D3	81	LYS	2.5
9	s7	58	LEU	2.5
41	l4	79	GLY	2.5
66	o0	14	LEU	2.5
8	S6	158	ILE	2.5
11	S9	52	ILE	2.5
28	D6	44	ILE	2.5
52	M6	3	VAL	2.5
8	S6	225	GLU	2.5
9	S7	105	THR	2.5
14	c2	130	THR	2.5
7	s5	44	ASN	2.5
54	m8	145	ASN	2.5
14	c2	64	SER	2.5
17	C5	9	LYS	2.5
36	1	3155	U	2.5
36	5	1351	U	2.5
4	S2	144	TRP	2.5
5	S3	33	GLY	2.5
9	S7	145	GLY	2.5
7	S5	149	VAL	2.5
8	S6	153	VAL	2.5
12	C0	86	ILE	2.5
34	SR	8	VAL	2.5
36	5	2971	A	2.5
38	8	80	A	2.5
3	S1	223	PHE	2.5
14	c2	23	THR	2.5
16	C4	119	THR	2.5

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Mol	Chain	Res	Type	RSRZ
52	m6	80	PHE	2.5
14	C2	104	ALA	2.5
28	D6	47	ALA	2.5
60	n4	131	ALA	2.5
9	s7	97	ARG	2.5
55	M9	151	ARG	2.5
18	C6	21	HIS	2.5
7	S5	161	ASP	2.5
14	c2	65	SER	2.5
35	sM	79	SER	2.5
62	n6	126	LEU	2.5
3	S1	84	ILE	2.5
18	c6	29	ILE	2.5
23	D1	34	ILE	2.5
66	O0	100	ILE	2.5
81	e1	150	VAL	2.5
36	1	1577	G	2.5
2	S0	7	PHE	2.5
8	s6	156	PHE	2.5
26	D4	101	GLU	2.5
40	L3	94	GLU	2.5
2	S0	5	ALA	2.5
2	S0	65	ALA	2.5
12	c0	93	GLN	2.5
22	d0	107	THR	2.5
34	sR	279	ALA	2.5
70	o4	33	GLN	2.5
8	S6	164	LYS	2.5
10	s8	151	LYS	2.5
22	D0	121	ASN	2.5
2	S0	206	ASP	2.5
24	d2	55	ASP	2.5
3	S1	47	LEU	2.5
34	sR	32	LEU	2.5
32	E0	60	PRO	2.5
1	2	795	U	2.5
5	S3	217	ILE	2.5
8	S6	165	GLY	2.5
9	S7	54	GLY	2.5
36	5	2538	U	2.5
41	L4	79	GLY	2.5
83	p0	100	ILE	2.5

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Mol	Chain	Res	Type	RSRZ
1	6	1399	C	2.5
5	s3	70	THR	2.5
9	s7	36	ALA	2.5
30	d8	39	THR	2.5
34	SR	162	ALA	2.5
72	O6	99	ARG	2.5
36	5	439	C	2.5
45	l8	122	LYS	2.5
55	M9	180	LYS	2.5
73	O7	10	LYS	2.5
1	6	656	G	2.5
36	5	3276	G	2.5
68	O2	26	HIS	2.5
11	S9	38	ASN	2.5
28	D6	8	ASN	2.5
4	S2	86	VAL	2.4
8	S6	162	VAL	2.4
16	C4	81	VAL	2.4
28	D6	86	VAL	2.4
34	sR	282	SER	2.4
81	e1	102	VAL	2.4
83	p0	87	VAL	2.4
36	1	2501	U	2.4
2	S0	107	PHE	2.4
7	s5	148	ARG	2.4
11	S9	54	ARG	2.4
34	sR	186	PHE	2.4
9	S7	74	GLN	2.4
18	C6	92	TYR	2.4
19	C7	126	ALA	2.4
22	D0	43	LYS	2.4
56	n0	138	GLN	2.4
3	S1	46	THR	2.4
17	C5	50	THR	2.4
16	C4	29	HIS	2.4
1	2	716	C	2.4
36	1	765	C	2.4
36	1	1574	C	2.4
10	s8	179	CYS	2.4
14	c2	36	LEU	2.4
47	M0	102	MET	2.4
66	O0	104	LEU	2.4

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Mol	Chain	Res	Type	RSRZ
60	n4	63	ILE	2.4
70	o4	29	ILE	2.4
7	s5	220	VAL	2.4
12	C0	87	VAL	2.4
39	l2	213	GLY	2.4
18	C6	114	ARG	2.4
39	l2	247	ARG	2.4
40	L3	150	ARG	2.4
60	n4	73	ARG	2.4
1	2	718	U	2.4
1	2	820	U	2.4
1	2	1362	U	2.4
11	S9	64	GLU	2.4
29	d7	57	GLU	2.4
35	sM	137	GLU	2.4
35	sM	170	LYS	2.4
36	1	2996	U	2.4
36	5	1353	U	2.4
38	4	81	U	2.4
81	e1	79	LYS	2.4
27	d5	104	ALA	2.4
32	E0	2	ALA	2.4
34	SR	52	GLN	2.4
35	SM	169	ALA	2.4
35	sM	159	ALA	2.4
66	O0	95	ALA	2.4
12	c0	64	TYR	2.4
22	D0	60	THR	2.4
22	D0	104	THR	2.4
11	S9	97	LEU	2.4
9	S7	32	PRO	2.4
3	S1	114	VAL	2.4
3	S1	225	VAL	2.4
3	s1	89	ASP	2.4
83	p0	210	VAL	2.4
1	6	1707	A	2.4
67	O1	5	LYS	2.4
1	6	677	G	2.4
27	d5	86	GLU	2.4
36	1	547	G	2.4
73	O7	87	SER	2.4
47	m0	2	ALA	2.4

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Mol	Chain	Res	Type	RSRZ
36	5	1765	U	2.4
12	c0	65	TYR	2.4
8	s6	168	THR	2.4
33	E1	145	HIS	2.4
14	C2	103	LEU	2.4
72	o6	11	LEU	2.4
19	c7	97	ASN	2.4
22	d0	117	VAL	2.4
17	C5	10	ARG	2.4
28	d6	10	ARG	2.4
35	sM	126	ASP	2.4
53	M7	159	LYS	2.4
60	N4	73	ARG	2.4
72	O6	98	ARG	2.4
1	2	1425	A	2.4
11	s9	104	PHE	2.4
38	8	79	A	2.4
63	n7	92	PHE	2.4
34	sR	2	ALA	2.4
34	sR	318	ALA	2.4
7	s5	158	GLN	2.4
14	c2	100	TRP	2.4
18	C6	142	TYR	2.4
58	n2	108	TYR	2.4
81	e1	85	TYR	2.4
5	S3	59	LEU	2.4
83	p0	76	LEU	2.4
3	s1	204	ILE	2.4
2	S0	127	ARG	2.3
4	s2	86	VAL	2.3
11	S9	29	LYS	2.3
31	d9	23	VAL	2.3
33	E1	147	VAL	2.3
81	e1	81	LYS	2.3
33	E1	129	GLY	2.3
83	p0	86	PHE	2.3
11	S9	106	GLU	2.3
14	c2	110	ALA	2.3
16	c4	59	ALA	2.3
30	d8	63	ALA	2.3
33	E1	152	ALA	2.3
34	sR	284	ALA	2.3

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Mol	Chain	Res	Type	RSRZ
53	M7	156	ALA	2.3
1	2	697	C	2.3
36	5	1581	C	2.3
1	2	713	A	2.3
5	S3	72	LEU	2.3
11	S9	116	LEU	2.3
16	C4	93	THR	2.3
21	c9	18	TYR	2.3
33	E1	148	TYR	2.3
1	6	260	U	2.3
36	1	979	U	2.3
36	5	250	U	2.3
36	5	2506	U	2.3
58	N2	41	ILE	2.3
22	d0	101	LYS	2.3
35	sM	165	LYS	2.3
1	6	660	G	2.3
2	S0	29	VAL	2.3
46	l9	75	VAL	2.3
53	m7	126	ARG	2.3
55	m9	85	ARG	2.3
21	c9	143	ASP	2.3
7	s5	36	ALA	2.3
8	S6	222	GLU	2.3
28	D6	46	GLU	2.3
35	SM	15	ALA	2.3
68	O2	127	ALA	2.3
17	C5	28	MET	2.3
3	S1	96	LEU	2.3
16	C4	110	LEU	2.3
24	D2	126	LEU	2.3
3	S1	29	TRP	2.3
8	S6	148	SER	2.3
29	d7	58	SER	2.3
55	M9	59	SER	2.3
36	1	1563	C	2.3
28	D6	79	ILE	2.3
29	d7	43	ILE	2.3
60	N4	64	THR	2.3
1	2	135	A	2.3
36	5	3279	A	2.3
76	Q0	77	ILE	2.3

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Mol	Chain	Res	Type	RSRZ
55	m9	165	LYS	2.3
1	2	1059	U	2.3
4	S2	85	PRO	2.3
16	C4	41	ARG	2.3
36	5	182	U	2.3
36	5	1348	U	2.3
19	C7	22	PRO	2.3
52	m6	78	ARG	2.3
65	N9	24	PRO	2.3
9	S7	20	VAL	2.3
14	c2	31	VAL	2.3
41	l4	52	VAL	2.3
72	o6	3	VAL	2.3
3	S1	53	GLY	2.3
19	c7	104	ASN	2.3
35	SM	163	PHE	2.3
8	S6	224	ALA	2.3
26	D4	130	ALA	2.3
28	D6	35	ALA	2.3
28	D6	63	ALA	2.3
45	L8	119	ALA	2.3
52	M6	166	GLU	2.3
67	o1	82	GLU	2.3
39	l2	142	ASP	2.3
46	l9	190	ASP	2.3
5	S3	182	LEU	2.3
16	C4	65	GLN	2.3
50	M4	135	LEU	2.3
16	C4	92	LYS	2.3
21	C9	116	ILE	2.3
58	N2	38	ILE	2.3
60	N4	74	LYS	2.3
66	o0	32	LYS	2.3
14	c2	67	THR	2.3
64	N8	98	THR	2.3
2	s0	205	ARG	2.3
80	e0	55	ARG	2.3
11	s9	2	PRO	2.3
1	2	321	C	2.3
1	2	1635	A	2.3
1	6	506	A	2.3
8	S6	129	VAL	2.3

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Mol	Chain	Res	Type	RSRZ
14	c2	86	VAL	2.3
22	D0	117	VAL	2.3
36	5	980	A	2.3
57	N1	124	VAL	2.3
49	M3	130	GLY	2.3
17	c5	12	PHE	2.3
7	S5	155	ALA	2.3
15	c3	15	ALA	2.3
35	SM	90	ALA	2.3
44	L7	23	ALA	2.3
49	m3	151	ALA	2.3
79	Q3	92	ALA	2.3
2	S0	146	LEU	2.3
4	s2	94	GLN	2.3
9	S7	108	GLN	2.3
9	S7	154	LEU	2.3
11	S9	58	ASP	2.3
30	d8	66	LEU	2.3
34	SR	202	LEU	2.3
42	L5	297	GLN	2.3
12	c0	25	LYS	2.3
19	C7	116	LYS	2.3
22	D0	99	ILE	2.3
11	S9	6	ARG	2.3
63	N7	65	ARG	2.3
83	p0	219	THR	2.3
34	SR	113	VAL	2.3
35	sM	166	VAL	2.3
2	S0	25	GLY	2.3
36	1	1572	U	2.3
1	6	1426	C	2.2
5	S3	25	PHE	2.2
34	SR	186	PHE	2.2
38	4	80	A	2.2
21	c9	144	GLU	2.2
35	SM	168	GLU	2.2
42	L5	288	ALA	2.2
70	O4	111	ALA	2.2
12	c0	80	LEU	2.2
13	c1	29	LYS	2.2
35	SM	171	LYS	2.2
40	l3	139	GLN	2.2

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Mol	Chain	Res	Type	RSRZ
14	c2	107	ASP	2.2
27	D5	48	ASP	2.2
35	sM	78	ASP	2.2
3	S1	164	ILE	2.2
14	c2	136	ILE	2.2
18	c6	118	ILE	2.2
19	c7	95	ARG	2.2
60	N4	71	ARG	2.2
60	N4	80	ARG	2.2
73	o7	12	HIS	2.2
10	s8	197	THR	2.2
60	n4	75	THR	2.2
4	S2	102	VAL	2.2
11	S9	8	TYR	2.2
45	L8	121	SER	2.2
83	p0	211	SER	2.2
83	p0	218	SER	2.2
3	S1	24	PHE	2.2
36	5	240	U	2.2
5	s3	219	ALA	2.2
63	N7	2	ALA	2.2
1	2	1797	A	2.2
1	6	793	A	2.2
2	S0	28	ASN	2.2
4	s2	84	LYS	2.2
27	d5	75	LEU	2.2
49	M3	7	LEU	2.2
60	n4	109	LEU	2.2
67	o1	4	LEU	2.2
36	5	1017	C	2.2
14	C2	24	ILE	2.2
35	SM	162	GLN	2.2
2	s0	185	ARG	2.2
11	S9	53	ARG	2.2
2	S0	189	VAL	2.2
6	S4	159	THR	2.2
11	S9	169	PRO	2.2
19	c7	88	VAL	2.2
49	m3	133	PRO	2.2
45	l8	121	SER	2.2
34	sR	280	GLY	2.2
10	S8	199	LYS	2.2

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Mol	Chain	Res	Type	RSRZ
1	2	730	G	2.2
3	S1	120	LEU	2.2
14	c2	45	LEU	2.2
16	C4	40	ALA	2.2
16	c4	60	ALA	2.2
18	C6	20	ALA	2.2
25	D3	33	LEU	2.2
26	d4	128	LYS	2.2
33	E1	110	ALA	2.2
41	l4	219	LEU	2.2
49	M3	155	GLU	2.2
55	M9	159	ALA	2.2
62	n6	127	GLU	2.2
83	p0	208	GLU	2.2
1	2	719	U	2.2
1	6	1060	U	2.2
36	1	1764	U	2.2
38	4	158	U	2.2
70	O4	100	ILE	2.2
76	q0	77	ILE	2.2
1	2	369	A	2.2
1	6	1082	C	2.2
36	5	1761	C	2.2
17	c5	32	ASP	2.2
33	E1	137	ASP	2.2
9	S7	13	PRO	2.2
13	c1	113	PRO	2.2
28	D6	50	VAL	2.2
8	S6	170	THR	2.2
27	D5	105	THR	2.2
41	l4	103	THR	2.2
55	m9	29	THR	2.2
27	D5	87	GLY	2.2
8	S6	115	LYS	2.2
14	c2	74	LEU	2.2
30	d8	9	LEU	2.2
34	SR	23	LEU	2.2
11	S9	183	ALA	2.2
14	c2	106	ILE	2.2
23	D1	23	ILE	2.2
28	d6	42	ARG	2.2
36	5	441	U	2.2

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Mol	Chain	Res	Type	RSRZ
41	l4	73	ARG	2.2
9	S7	11	GLN	2.2
22	D0	105	GLN	2.2
40	L3	139	GLN	2.2
1	2	217	A	2.2
16	C4	121	VAL	2.2
28	d6	97	PRO	2.2
45	l8	25	PRO	2.2
55	M9	93	VAL	2.2
59	N3	135	VAL	2.2
36	1	1582	C	2.2
36	5	546	C	2.2
36	5	2507	C	2.2
3	S1	37	THR	2.2
6	S4	217	THR	2.2
9	S7	14	THR	2.2
34	sR	294	TRP	2.2
4	S2	88	LYS	2.2
9	S7	55	LYS	2.2
14	C2	50	LYS	2.2
49	M3	131	LYS	2.2
81	e1	112	GLY	2.2
9	S7	142	TYR	2.2
34	sR	250	TYR	2.2
39	l2	186	PHE	2.2
2	s0	9	LEU	2.2
9	s7	18	LEU	2.2
16	c4	62	LEU	2.2
54	M8	167	SER	2.2
81	e1	103	LEU	2.2
3	S1	230	ALA	2.2
14	c2	20	ALA	2.2
14	c2	56	GLU	2.2
14	c2	76	GLU	2.2
19	c7	87	GLU	2.2
28	d6	48	ALA	2.2
45	l8	119	ALA	2.2
45	l8	196	ALA	2.2
47	m0	186	GLU	2.2
9	s7	91	ILE	2.1
15	C3	92	ILE	2.1
81	e1	91	ILE	2.1

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Mol	Chain	Res	Type	RSRZ
1	2	133	U	2.1
1	2	134	U	2.1
1	6	194	U	2.1
1	6	1799	U	2.1
36	1	1815	U	2.1
4	s2	85	PRO	2.1
11	S9	85	VAL	2.1
30	D8	12	VAL	2.1
33	E1	88	PRO	2.1
83	p0	80	VAL	2.1
45	L8	158	ASP	2.1
83	p0	69	ASP	2.1
2	S0	166	GLY	2.1
34	SR	96	THR	2.1
41	l4	60	THR	2.1
1	6	659	C	2.1
2	S0	24	LEU	2.1
25	D3	107	PHE	2.1
31	D9	8	PHE	2.1
62	N6	111	LEU	2.1
5	s3	87	TYR	2.1
21	c9	55	TYR	2.1
4	S2	164	SER	2.1
5	S3	104	SER	2.1
16	C4	71	CYS	2.1
25	d3	145	SER	2.1
26	D4	33	ALA	2.1
45	L8	115	ALA	2.1
74	o8	34	ALA	2.1
83	p0	200	SER	2.1
43	L6	129	GLU	2.1
44	L7	24	GLU	2.1
69	O3	60	ARG	2.1
2	S0	160	ILE	2.1
27	D5	88	ILE	2.1
31	D9	50	ILE	2.1
31	d9	5	ASN	2.1
45	L8	240	ASN	2.1
62	n6	98	ASN	2.1
2	S0	97	PRO	2.1
12	C0	83	PRO	2.1
19	c7	121	VAL	2.1

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Mol	Chain	Res	Type	RSRZ
35	SM	172	VAL	2.1
34	sR	316	MET	2.1
3	S1	85	LYS	2.1
7	S5	222	LYS	2.1
70	O4	113	LYS	2.1
21	C9	35	ASP	2.1
10	S8	120	THR	2.1
40	l3	141	GLY	2.1
4	S2	154	LEU	2.1
6	S4	12	LEU	2.1
7	S5	194	LEU	2.1
11	s9	93	LEU	2.1
17	C5	12	PHE	2.1
60	N4	96	LEU	2.1
5	s3	124	ARG	2.1
12	c0	79	TYR	2.1
16	c4	50	ALA	2.1
16	c4	58	TYR	2.1
26	D4	132	ARG	2.1
34	SR	102	ARG	2.1
36	5	1355	A	2.1
81	e1	101	ALA	2.1
1	6	651	G	2.1
4	S2	218	ILE	2.1
5	S3	135	GLU	2.1
7	s5	40	ILE	2.1
39	l2	48	ILE	2.1
45	l8	118	GLU	2.1
61	n5	142	ILE	2.1
1	2	1426	C	2.1
36	5	544	C	2.1
72	O6	100	HIS	2.1
4	S2	237	VAL	2.1
9	S7	90	VAL	2.1
12	C0	24	LYS	2.1
14	c2	85	LYS	2.1
14	c2	91	VAL	2.1
18	c6	19	VAL	2.1
26	D4	5	VAL	2.1
30	d8	45	LYS	2.1
49	M3	22	VAL	2.1
17	C5	53	PRO	2.1

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Mol	Chain	Res	Type	RSRZ
65	N9	59	LYS	2.1
1	2	1491	U	2.1
1	2	1795	U	2.1
36	1	1765	U	2.1
36	1	1820	U	2.1
19	c7	103	ASP	2.1
41	l4	80	GLY	2.1
47	m0	194	GLY	2.1
59	N3	8	GLY	2.1
74	o8	69	LEU	2.1
34	sR	12	THR	2.1
39	l2	16	PHE	2.1
14	C2	110	ALA	2.1
22	d0	108	ILE	2.1
44	L7	27	ALA	2.1
41	L4	63	GLU	2.1
46	L9	3	TYR	2.1
55	m9	187	GLU	2.1
10	S8	168	CYS	2.1
20	c8	2	SER	2.1
36	5	1580	A	2.1
1	2	708	C	2.1
1	2	1399	C	2.1
1	6	720	G	2.1
5	s3	148	LYS	2.1
28	D6	80	HIS	2.1
36	1	2403	G	2.1
43	L6	139	LYS	2.1
5	S3	211	PRO	2.1
7	s5	164	PRO	2.1
14	C2	87	PRO	2.1
14	c2	111	ASN	2.1
46	L9	191	LEU	2.1
1	6	680	U	2.1
36	5	252	U	2.1
54	m8	154	GLY	2.1
4	S2	96	THR	2.1
34	sR	163	ASP	2.1
41	l4	288	ARG	2.1
54	M8	40	THR	2.1
83	p0	206	ASP	2.1
8	S6	175	ILE	2.1

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Mol	Chain	Res	Type	RSRZ
11	S9	156	ILE	2.1
34	sR	260	ILE	2.1
9	s7	48	GLU	2.1
9	s7	184	GLU	2.1
28	D6	62	TYR	2.1
10	S8	135	LYS	2.0
33	E1	143	LYS	2.0
1	2	579	A	2.0
1	6	579	A	2.0
16	c4	67	VAL	2.0
36	1	2445	A	2.0
45	L8	116	VAL	2.0
59	N3	137	VAL	2.0
29	D7	33	LEU	2.0
36	1	2539	C	2.0
1	2	714	G	2.0
5	s3	143	ARG	2.0
6	S4	187	ARG	2.0
25	d3	2	GLY	2.0
30	d8	61	ARG	2.0
36	1	1547	G	2.0
1	6	718	U	2.0
36	5	1569	U	2.0
36	5	1763	U	2.0
36	5	3157	U	2.0
60	N4	83	THR	2.0
69	o3	107	ILE	2.0
16	C4	69	ALA	2.0
19	c7	90	ALA	2.0
42	l5	284	ALA	2.0
67	o1	85	ALA	2.0
14	C2	21	GLU	2.0
52	M6	187	GLU	2.0
14	C2	105	LYS	2.0
26	d4	123	LYS	2.0
34	sR	107	LYS	2.0
28	d6	80	HIS	2.0
34	SR	156	VAL	2.0
42	l5	135	VAL	2.0
80	e0	61	SER	2.0
1	2	1371	A	2.0
1	2	1577	A	2.0

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Mol	Chain	Res	Type	RSRZ
1	6	1701	A	2.0
3	S1	207	LEU	2.0
3	s1	217	LEU	2.0
9	S7	18	LEU	2.0
4	S2	95	ARG	2.0
7	s5	225	ARG	2.0
15	C3	138	ASN	2.0
18	C6	62	ASN	2.0
81	e1	123	ASN	2.0
3	s1	100	PHE	2.0
11	S9	170	GLY	2.0
39	l2	248	GLY	2.0
83	p0	197	PHE	2.0
1	2	1082	C	2.0
1	2	1634	C	2.0
27	D5	50	ILE	2.0
36	1	546	C	2.0
36	5	2444	C	2.0
58	n2	11	ILE	2.0
3	S1	60	ALA	2.0
22	D0	119	ALA	2.0
81	e1	125	THR	2.0
1	2	1363	U	2.0
1	6	497	G	2.0
8	s6	21	GLU	2.0
36	1	1555	U	2.0
27	d5	46	LYS	2.0
33	E1	116	LYS	2.0
55	M9	152	GLU	2.0
12	c0	61	TRP	2.0
3	S1	21	VAL	2.0

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

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

5.3 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

5.4 Ligands ⓘ

In the following table, the Atoms column lists the number of modelled atoms in the group and the number defined in the chemical component dictionary. The B-factors column lists the minimum, median, 95th percentile and maximum values of B factors of atoms in the group. The column labelled 'Q< 0.9' lists the number of atoms with occupancy less than 0.9.

Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	MG	1	3805	1/1	-0.36	0.46	157,157,157,157	0
86	MG	2	1953	1/1	-0.03	0.40	111,111,111,111	0
86	MG	1	3815	1/1	0.13	0.40	110,110,110,110	0
86	MG	6	2014	1/1	0.32	0.31	124,124,124,124	0
86	MG	5	3775	1/1	0.32	0.30	97,97,97,97	0
86	MG	6	1924	1/1	0.36	0.35	90,90,90,90	0
86	MG	4	221	1/1	0.41	0.38	94,94,94,94	0
86	MG	1	3594	1/1	0.42	0.41	66,66,66,66	0
86	MG	1	3857	1/1	0.42	0.27	104,104,104,104	0
86	MG	2	2001	1/1	0.42	0.41	98,98,98,98	0
86	MG	5	3898	1/1	0.43	0.21	117,117,117,117	0
86	MG	6	2040	1/1	0.48	0.45	92,92,92,92	0
86	MG	5	3805	1/1	0.49	0.20	145,145,145,145	0
86	MG	3	212	1/1	0.50	0.14	68,68,68,68	0
86	MG	2	1959	1/1	0.50	0.46	94,94,94,94	0
86	MG	M3	203	1/1	0.51	0.42	94,94,94,94	0
86	MG	5	3782	1/1	0.54	0.41	82,82,82,82	0
86	MG	1	3755	1/1	0.55	0.28	91,91,91,91	0
86	MG	2	1974	1/1	0.56	0.41	76,76,76,76	0
86	MG	2	1967	1/1	0.57	0.46	105,105,105,105	0
86	MG	2	1989	1/1	0.57	0.35	107,107,107,107	0
86	MG	4	205	1/1	0.58	0.31	69,69,69,69	0
86	MG	1	3652	1/1	0.58	0.44	87,87,87,87	0
86	MG	5	3793	1/1	0.58	0.28	85,85,85,85	0
86	MG	2	2008	1/1	0.58	0.29	68,68,68,68	0
86	MG	5	3772	1/1	0.58	0.38	69,69,69,69	0
86	MG	5	3711	1/1	0.60	0.33	90,90,90,90	0
86	MG	5	3730	1/1	0.60	0.33	90,90,90,90	0
86	MG	2	1977	1/1	0.61	0.33	91,91,91,91	0
86	MG	5	3468	1/1	0.62	0.40	89,89,89,89	0
86	MG	2	2021	1/1	0.63	0.26	104,104,104,104	0
86	MG	2	1966	1/1	0.64	0.21	77,77,77,77	0
86	MG	6	1907	1/1	0.64	0.38	55,55,55,55	0
86	MG	2	1954	1/1	0.64	0.24	89,89,89,89	0
86	MG	1	3419	1/1	0.64	0.31	80,80,80,80	0
86	MG	6	2020	1/1	0.64	0.21	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	2	1985	1/1	0.65	0.37	99,99,99,99	0
86	MG	6	1909	1/1	0.65	0.38	82,82,82,82	0
86	MG	2	1981	1/1	0.65	0.25	74,74,74,74	0
86	MG	o1	202	1/1	0.65	0.12	68,68,68,68	0
86	MG	1	3531	1/1	0.66	0.37	56,56,56,56	0
86	MG	2	1941	1/1	0.66	0.36	73,73,73,73	0
86	MG	2	2016	1/1	0.66	0.41	79,79,79,79	0
86	MG	5	3420	1/1	0.67	0.29	62,62,62,62	0
86	MG	5	3796	1/1	0.67	0.20	63,63,63,63	0
86	MG	5	3421	1/1	0.67	0.23	90,90,90,90	0
86	MG	2	1971	1/1	0.67	0.34	69,69,69,69	0
86	MG	2	1933	1/1	0.67	0.30	64,64,64,64	0
86	MG	2	1976	1/1	0.68	0.30	86,86,86,86	0
86	MG	6	2000	1/1	0.68	0.26	97,97,97,97	0
86	MG	6	1902	1/1	0.68	0.21	50,50,50,50	0
87	OHX	5	4235	7/7	0.68	0.24	128,128,128,128	0
86	MG	5	3878	1/1	0.69	0.22	31,31,31,31	0
86	MG	3	208	1/1	0.69	0.30	73,73,73,73	0
86	MG	2	1963	1/1	0.69	0.17	126,126,126,126	0
86	MG	5	3740	1/1	0.69	0.27	69,69,69,69	0
86	MG	1	3651	1/1	0.70	0.26	61,61,61,61	0
86	MG	5	3571	1/1	0.70	0.35	29,29,29,29	0
86	MG	5	3884	1/1	0.70	0.38	83,83,83,83	0
86	MG	5	3807	1/1	0.71	0.34	94,94,94,94	0
86	MG	2	1975	1/1	0.71	0.27	50,50,50,50	0
86	MG	6	2029	1/1	0.71	0.42	77,77,77,77	0
86	MG	5	3471	1/1	0.72	0.17	106,106,106,106	0
86	MG	1	3443	1/1	0.72	0.27	73,73,73,73	0
86	MG	5	3771	1/1	0.72	0.20	96,96,96,96	0
86	MG	5	3634	1/1	0.72	0.43	87,87,87,87	0
86	MG	2	2017	1/1	0.72	0.35	68,68,68,68	0
86	MG	2	1901	1/1	0.73	0.38	72,72,72,72	0
86	MG	2	1928	1/1	0.73	0.38	74,74,74,74	0
86	MG	2	1968	1/1	0.73	0.26	83,83,83,83	0
86	MG	5	3687	1/1	0.73	0.43	63,63,63,63	0
87	OHX	2	2162	7/7	0.73	0.17	156,156,156,156	0
87	OHX	1	4175	7/7	0.73	0.21	137,137,137,137	0
86	MG	3	209	1/1	0.73	0.26	52,52,52,52	0
86	MG	1	3859	1/1	0.74	0.13	120,120,120,120	0
86	MG	1	3469	1/1	0.74	0.15	43,43,43,43	0
86	MG	5	3784	1/1	0.74	0.15	70,70,70,70	0
86	MG	5	3736	1/1	0.74	0.31	65,65,65,65	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	4	222	1/1	0.74	0.33	48,48,48,48	0
86	MG	2	1923	1/1	0.74	0.28	52,52,52,52	0
86	MG	2	1915	1/1	0.74	0.41	61,61,61,61	0
87	OHX	5	4240	7/7	0.74	0.18	174,174,174,174	0
86	MG	S8	301	1/1	0.75	0.20	50,50,50,50	0
86	MG	6	1966	1/1	0.75	0.37	76,76,76,76	0
86	MG	6	1986	1/1	0.75	0.21	74,74,74,74	0
86	MG	5	3848	1/1	0.75	0.26	39,39,39,39	0
87	OHX	1	4186	7/7	0.75	0.19	156,156,156,156	0
87	OHX	1	4189	7/7	0.75	0.28	116,116,116,116	0
87	OHX	1	4200	7/7	0.75	0.22	122,122,122,122	0
87	OHX	5	4228	7/7	0.75	0.30	108,108,108,108	0
86	MG	2	1951	1/1	0.75	0.33	80,80,80,80	0
87	OHX	5	4237	7/7	0.75	0.21	134,134,134,134	0
86	MG	1	3749	1/1	0.75	0.14	42,42,42,42	0
86	MG	5	3482	1/1	0.76	0.31	62,62,62,62	0
86	MG	1	3493	1/1	0.76	0.32	74,74,74,74	0
87	OHX	6	2187	7/7	0.76	0.21	127,127,127,127	0
86	MG	2	1945	1/1	0.76	0.35	75,75,75,75	0
87	OHX	5	4234	7/7	0.76	0.20	138,138,138,138	0
87	OHX	2	2163	7/7	0.76	0.23	142,142,142,142	0
86	MG	N5	201	1/1	0.76	0.22	59,59,59,59	0
86	MG	5	3897	1/1	0.76	0.20	53,53,53,53	0
86	MG	2	1993	1/1	0.77	0.39	88,88,88,88	0
86	MG	7	211	1/1	0.77	0.14	67,67,67,67	0
86	MG	1	3455	1/1	0.77	0.35	54,54,54,54	0
86	MG	5	3545	1/1	0.77	0.34	62,62,62,62	0
86	MG	5	3783	1/1	0.77	0.23	69,69,69,69	0
86	MG	6	1923	1/1	0.77	0.27	61,61,61,61	0
86	MG	6	2030	1/1	0.77	0.18	96,96,96,96	0
86	MG	5	3683	1/1	0.77	0.39	79,79,79,79	0
86	MG	6	2039	1/1	0.77	0.38	72,72,72,72	0
86	MG	2	1995	1/1	0.77	0.28	87,87,87,87	0
87	OHX	6	2189	7/7	0.77	0.21	127,127,127,127	0
87	OHX	5	4221	7/7	0.77	0.20	141,141,141,141	0
86	MG	5	3823	1/1	0.77	0.30	86,86,86,86	0
87	OHX	5	4230	7/7	0.77	0.20	136,136,136,136	0
86	MG	c7	202	1/1	0.77	0.34	70,70,70,70	0
86	MG	2	1904	1/1	0.77	0.41	70,70,70,70	0
86	MG	Q2	502	1/1	0.77	0.20	58,58,58,58	0
86	MG	1	3732	1/1	0.77	0.15	73,73,73,73	0
87	OHX	1	4171	7/7	0.78	0.27	123,123,123,123	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3711	1/1	0.78	0.27	56,56,56,56	0
86	MG	5	3861	1/1	0.78	0.28	82,82,82,82	0
86	MG	5	3876	1/1	0.78	0.38	51,51,51,51	0
87	OHX	1	4194	7/7	0.78	0.21	125,125,125,125	0
86	MG	1	3548	1/1	0.78	0.14	36,36,36,36	0
86	MG	1	3860	1/1	0.78	0.14	37,37,37,37	0
86	MG	6	2034	1/1	0.78	0.33	63,63,63,63	0
87	OHX	6	2191	7/7	0.78	0.22	123,123,123,123	0
86	MG	2	1987	1/1	0.78	0.24	79,79,79,79	0
86	MG	1	3529	1/1	0.78	0.33	41,41,41,41	0
86	MG	7	213	1/1	0.78	0.21	58,58,58,58	0
86	MG	2	1964	1/1	0.78	0.30	85,85,85,85	0
86	MG	1	3698	1/1	0.78	0.26	71,71,71,71	0
86	MG	5	3835	1/1	0.78	0.20	37,37,37,37	0
87	OHX	5	4239	7/7	0.78	0.23	124,124,124,124	0
87	OHX	2	2176	7/7	0.78	0.18	149,149,149,149	0
86	MG	1	3855	1/1	0.79	0.29	76,76,76,76	0
87	OHX	2	2157	7/7	0.79	0.11	291,291,291,291	0
87	OHX	2	2158	7/7	0.79	0.21	128,128,128,128	0
86	MG	4	215	1/1	0.79	0.09	50,50,50,50	0
86	MG	5	3557	1/1	0.79	0.24	37,37,37,37	0
86	MG	1	3644	1/1	0.79	0.20	43,43,43,43	0
87	OHX	2	2177	7/7	0.79	0.17	156,156,156,156	0
87	OHX	1	4141	7/7	0.79	0.23	124,124,124,124	0
86	MG	2	1965	1/1	0.79	0.25	58,58,58,58	0
86	MG	5	3651	1/1	0.79	0.21	81,81,81,81	0
87	OHX	1	4180	7/7	0.79	0.22	123,123,123,123	0
86	MG	5	3657	1/1	0.79	0.19	41,41,41,41	0
87	OHX	1	4187	7/7	0.79	0.22	123,123,123,123	0
86	MG	5	3675	1/1	0.79	0.13	63,63,63,63	0
86	MG	5	3819	1/1	0.79	0.14	57,57,57,57	0
86	MG	5	3679	1/1	0.79	0.20	83,83,83,83	0
87	OHX	6	2149	7/7	0.79	0.19	123,123,123,123	0
87	OHX	6	2185	7/7	0.79	0.21	122,122,122,122	0
86	MG	2	2000	1/1	0.79	0.33	78,78,78,78	0
86	MG	6	1970	1/1	0.79	0.17	52,52,52,52	0
86	MG	6	1971	1/1	0.79	0.16	54,54,54,54	0
87	OHX	6	2205	7/7	0.79	0.20	129,129,129,129	0
87	OHX	5	4165	7/7	0.79	0.17	159,159,159,159	0
86	MG	5	3401	1/1	0.79	0.27	41,41,41,41	0
86	MG	1	3405	1/1	0.79	0.40	82,82,82,82	0
86	MG	6	1987	1/1	0.79	0.24	69,69,69,69	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3758	1/1	0.79	0.10	36,36,36,36	0
86	MG	5	3763	1/1	0.79	0.25	71,71,71,71	0
86	MG	7	204	1/1	0.79	0.24	67,67,67,67	0
86	MG	1	3609	1/1	0.79	0.25	56,56,56,56	0
86	MG	1	3834	1/1	0.79	0.34	53,53,53,53	0
87	OHX	5	4241	7/7	0.79	0.13	211,211,211,211	0
87	OHX	5	4247	7/7	0.79	0.21	125,125,125,125	0
87	OHX	14	404	7/7	0.79	0.21	128,128,128,128	0
86	MG	5	3656	1/1	0.80	0.17	53,53,53,53	0
86	MG	6	1968	1/1	0.80	0.30	62,62,62,62	0
86	MG	1	3760	1/1	0.80	0.16	53,53,53,53	0
86	MG	M3	204	1/1	0.80	0.11	34,34,34,34	0
87	OHX	4	236	7/7	0.80	0.23	118,118,118,118	0
87	OHX	M9	202	7/7	0.80	0.16	149,149,149,149	0
86	MG	3	201	1/1	0.80	0.28	66,66,66,66	0
87	OHX	6	2182	7/7	0.80	0.24	124,124,124,124	0
86	MG	1	3582	1/1	0.80	0.16	31,31,31,31	0
86	MG	o4	201	1/1	0.80	0.25	58,58,58,58	0
86	MG	5	3435	1/1	0.80	0.28	76,76,76,76	0
86	MG	5	3815	1/1	0.80	0.10	55,55,55,55	0
86	MG	1	3426	1/1	0.80	0.23	53,53,53,53	0
86	MG	6	2006	1/1	0.80	0.26	57,57,57,57	0
87	OHX	5	4206	7/7	0.80	0.22	126,126,126,126	0
87	OHX	5	4207	7/7	0.80	0.22	127,127,127,127	0
87	OHX	2	2164	7/7	0.80	0.15	160,160,160,160	0
86	MG	2	1914	1/1	0.80	0.29	59,59,59,59	0
86	MG	1	3851	1/1	0.80	0.34	68,68,68,68	0
86	MG	5	3855	1/1	0.80	0.10	59,59,59,59	0
87	OHX	1	4142	7/7	0.80	0.19	125,125,125,125	0
87	OHX	1	4144	7/7	0.80	0.20	131,131,131,131	0
86	MG	1	3636	1/1	0.80	0.32	55,55,55,55	0
86	MG	2	1948	1/1	0.80	0.24	75,75,75,75	0
86	MG	6	1934	1/1	0.80	0.26	65,65,65,65	0
87	OHX	1	4185	7/7	0.80	0.19	131,131,131,131	0
87	OHX	8	225	7/7	0.80	0.19	118,118,118,118	0
86	MG	2	2010	1/1	0.80	0.30	64,64,64,64	0
87	OHX	m1	203	7/7	0.80	0.18	135,135,135,135	0
86	MG	1	3703	1/1	0.81	0.23	46,46,46,46	0
86	MG	1	3704	1/1	0.81	0.27	57,57,57,57	0
87	OHX	M7	208	7/7	0.81	0.22	125,125,125,125	0
86	MG	5	3606	1/1	0.81	0.11	34,34,34,34	0
86	MG	2	1992	1/1	0.81	0.19	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3646	1/1	0.81	0.12	53,53,53,53	0
86	MG	2	1907	1/1	0.81	0.34	51,51,51,51	0
87	OHX	2	2159	7/7	0.81	0.21	121,121,121,121	0
86	MG	1	3479	1/1	0.81	0.26	64,64,64,64	0
86	MG	6	2035	1/1	0.81	0.31	72,72,72,72	0
87	OHX	6	2194	7/7	0.81	0.16	157,157,157,157	0
86	MG	1	3751	1/1	0.81	0.22	50,50,50,50	0
86	MG	1	3614	1/1	0.81	0.29	50,50,50,50	0
86	MG	c4	201	1/1	0.81	0.25	52,52,52,52	0
86	MG	1	3635	1/1	0.81	0.33	71,71,71,71	0
87	OHX	5	4218	7/7	0.81	0.21	117,117,117,117	0
86	MG	5	3706	1/1	0.81	0.09	47,47,47,47	0
86	MG	1	3410	1/1	0.81	0.27	41,41,41,41	0
87	OHX	1	4170	7/7	0.81	0.19	147,147,147,147	0
87	OHX	5	4231	7/7	0.81	0.23	110,110,110,110	0
86	MG	2	1930	1/1	0.81	0.23	54,54,54,54	0
86	MG	5	3875	1/1	0.81	0.29	41,41,41,41	0
86	MG	2	1988	1/1	0.81	0.33	54,54,54,54	0
87	OHX	1	4182	7/7	0.81	0.19	125,125,125,125	0
86	MG	1	3848	1/1	0.81	0.19	49,49,49,49	0
86	MG	2	1960	1/1	0.81	0.24	57,57,57,57	0
86	MG	N3	202	1/1	0.81	0.32	57,57,57,57	0
87	OHX	5	4248	7/7	0.81	0.22	113,113,113,113	0
86	MG	1	3549	1/1	0.81	0.34	52,52,52,52	0
86	MG	6	2007	1/1	0.81	0.11	52,52,52,52	0
87	OHX	l5	305	7/7	0.81	0.20	125,125,125,125	0
87	OHX	1	4198	7/7	0.81	0.20	127,127,127,127	0
87	OHX	m8	201	7/7	0.81	0.22	121,121,121,121	0
87	OHX	6	2179	7/7	0.82	0.19	123,123,123,123	0
86	MG	5	3481	1/1	0.82	0.31	57,57,57,57	0
86	MG	1	3554	1/1	0.82	0.25	50,50,50,50	0
86	MG	5	3721	1/1	0.82	0.23	57,57,57,57	0
86	MG	5	3516	1/1	0.82	0.16	29,29,29,29	0
87	OHX	6	2190	7/7	0.82	0.20	123,123,123,123	0
87	OHX	2	2179	7/7	0.82	0.18	147,147,147,147	0
87	OHX	6	2192	7/7	0.82	0.17	141,141,141,141	0
87	OHX	1	4062	7/7	0.82	0.20	120,120,120,120	0
86	MG	1	3477	1/1	0.82	0.11	32,32,32,32	0
86	MG	1	3687	1/1	0.82	0.23	80,80,80,80	0
87	OHX	5	4188	7/7	0.82	0.19	132,132,132,132	0
86	MG	1	3593	1/1	0.82	0.38	47,47,47,47	0
86	MG	5	3581	1/1	0.82	0.29	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	6	1972	1/1	0.82	0.23	58,58,58,58	0
86	MG	2	1934	1/1	0.82	0.37	64,64,64,64	0
87	OHX	5	4225	7/7	0.82	0.18	126,126,126,126	0
87	OHX	5	4227	7/7	0.82	0.17	144,144,144,144	0
87	OHX	1	4177	7/7	0.82	0.20	128,128,128,128	0
86	MG	1	3420	1/1	0.82	0.39	56,56,56,56	0
86	MG	5	3778	1/1	0.82	0.19	65,65,65,65	0
86	MG	5	3780	1/1	0.82	0.12	61,61,61,61	0
86	MG	2	1937	1/1	0.82	0.35	53,53,53,53	0
86	MG	5	3655	1/1	0.82	0.31	65,65,65,65	0
86	MG	m5	302	1/1	0.82	0.17	47,47,47,47	0
86	MG	n8	203	1/1	0.82	0.17	42,42,42,42	0
86	MG	6	2001	1/1	0.82	0.17	46,46,46,46	0
86	MG	6	1912	1/1	0.82	0.28	62,62,62,62	0
87	OHX	3	223	7/7	0.82	0.16	154,154,154,154	0
86	MG	2	1905	1/1	0.82	0.29	55,55,55,55	0
87	OHX	M7	207	7/7	0.82	0.31	93,93,93,93	0
86	MG	2	2015	1/1	0.82	0.34	67,67,67,67	0
86	MG	2	1952	1/1	0.82	0.17	86,86,86,86	0
87	OHX	m7	205	7/7	0.82	0.22	111,111,111,111	0
86	MG	6	2025	1/1	0.82	0.18	59,59,59,59	0
87	OHX	6	2176	7/7	0.83	0.17	136,136,136,136	0
86	MG	4	212	1/1	0.83	0.21	55,55,55,55	0
86	MG	1	3847	1/1	0.83	0.22	51,51,51,51	0
87	OHX	6	2184	7/7	0.83	0.19	127,127,127,127	0
87	OHX	2	2175	7/7	0.83	0.19	127,127,127,127	0
87	OHX	6	2186	7/7	0.83	0.14	154,154,154,154	0
86	MG	6	1933	1/1	0.83	0.39	59,59,59,59	0
87	OHX	6	2188	7/7	0.83	0.14	160,160,160,160	0
86	MG	5	3725	1/1	0.83	0.22	51,51,51,51	0
86	MG	5	3726	1/1	0.83	0.18	42,42,42,42	0
86	MG	5	3493	1/1	0.83	0.30	56,56,56,56	0
87	OHX	1	4127	7/7	0.83	0.19	129,129,129,129	0
87	OHX	1	4138	7/7	0.83	0.19	120,120,120,120	0
87	OHX	6	2200	7/7	0.83	0.20	126,126,126,126	0
86	MG	2	1947	1/1	0.83	0.44	61,61,61,61	0
86	MG	1	3735	1/1	0.83	0.21	59,59,59,59	0
86	MG	5	3749	1/1	0.83	0.33	33,33,33,33	0
87	OHX	5	4196	7/7	0.83	0.18	132,132,132,132	0
87	OHX	1	4166	7/7	0.83	0.25	101,101,101,101	0
86	MG	6	2031	1/1	0.83	0.24	64,64,64,64	0
87	OHX	5	4213	7/7	0.83	0.25	112,112,112,112	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3736	1/1	0.83	0.20	30,30,30,30	0
87	OHX	5	4220	7/7	0.83	0.21	127,127,127,127	0
86	MG	5	3888	1/1	0.83	0.45	84,84,84,84	0
86	MG	1	3672	1/1	0.83	0.11	38,38,38,38	0
86	MG	1	3677	1/1	0.83	0.44	56,56,56,56	0
86	MG	2	1939	1/1	0.83	0.22	56,56,56,56	0
87	OHX	1	4184	7/7	0.83	0.23	120,120,120,120	0
86	MG	6	1980	1/1	0.83	0.17	70,70,70,70	0
86	MG	7	212	1/1	0.83	0.15	41,41,41,41	0
86	MG	O4	201	1/1	0.83	0.21	46,46,46,46	0
86	MG	2	2018	1/1	0.83	0.37	67,67,67,67	0
86	MG	n6	201	1/1	0.83	0.22	57,57,57,57	0
86	MG	1	3780	1/1	0.83	0.12	55,55,55,55	0
86	MG	1	3637	1/1	0.83	0.18	44,44,44,44	0
87	OHX	1	4202	7/7	0.83	0.22	123,123,123,123	0
87	OHX	1	4210	7/7	0.83	0.23	119,119,119,119	0
86	MG	2	1931	1/1	0.83	0.33	52,52,52,52	0
87	OHX	2	2144	7/7	0.83	0.18	127,127,127,127	0
86	MG	5	3439	1/1	0.83	0.27	47,47,47,47	0
86	MG	5	3457	1/1	0.83	0.27	82,82,82,82	0
86	MG	2	1919	1/1	0.83	0.40	66,66,66,66	0
86	MG	5	3813	1/1	0.83	0.16	80,80,80,80	0
86	MG	6	1928	1/1	0.84	0.34	60,60,60,60	0
86	MG	1	3565	1/1	0.84	0.32	47,47,47,47	0
87	OHX	O9	101	7/7	0.84	0.24	100,100,100,100	0
87	OHX	2	2160	7/7	0.84	0.16	138,138,138,138	0
87	OHX	6	2161	7/7	0.84	0.23	115,115,115,115	0
87	OHX	6	2175	7/7	0.84	0.23	114,114,114,114	0
87	OHX	2	2161	7/7	0.84	0.15	146,146,146,146	0
86	MG	2	1979	1/1	0.84	0.27	62,62,62,62	0
86	MG	1	3766	1/1	0.84	0.15	58,58,58,58	0
86	MG	1	3769	1/1	0.84	0.17	79,79,79,79	0
87	OHX	2	2174	7/7	0.84	0.17	141,141,141,141	0
86	MG	1	3490	1/1	0.84	0.21	56,56,56,56	0
86	MG	2	1991	1/1	0.84	0.14	51,51,51,51	0
86	MG	1	3502	1/1	0.84	0.29	36,36,36,36	0
86	MG	5	3697	1/1	0.84	0.26	67,67,67,67	0
86	MG	1	3831	1/1	0.84	0.29	55,55,55,55	0
86	MG	6	1982	1/1	0.84	0.31	64,64,64,64	0
86	MG	5	3857	1/1	0.84	0.25	59,59,59,59	0
87	OHX	1	4139	7/7	0.84	0.27	97,97,97,97	0
87	OHX	6	2196	7/7	0.84	0.15	151,151,151,151	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3713	1/1	0.84	0.17	83,83,83,83	0
86	MG	1	3700	1/1	0.84	0.18	37,37,37,37	0
86	MG	1	3839	1/1	0.84	0.23	55,55,55,55	0
86	MG	5	3466	1/1	0.84	0.08	34,34,34,34	0
87	OHX	1	4168	7/7	0.84	0.23	98,98,98,98	0
87	OHX	5	4203	7/7	0.84	0.24	117,117,117,117	0
86	MG	6	1989	1/1	0.84	0.18	57,57,57,57	0
86	MG	1	3521	1/1	0.84	0.30	61,61,61,61	0
87	OHX	5	4209	7/7	0.84	0.20	119,119,119,119	0
86	MG	1	3618	1/1	0.84	0.20	54,54,54,54	0
87	OHX	5	4217	7/7	0.84	0.18	127,127,127,127	0
86	MG	1	3633	1/1	0.84	0.29	57,57,57,57	0
86	MG	5	3899	1/1	0.84	0.32	52,52,52,52	0
86	MG	1	3721	1/1	0.84	0.32	50,50,50,50	0
86	MG	6	2012	1/1	0.84	0.11	45,45,45,45	0
86	MG	5	3764	1/1	0.84	0.18	37,37,37,37	0
86	MG	D3	201	1/1	0.84	0.25	53,53,53,53	0
87	OHX	5	4229	7/7	0.84	0.15	156,156,156,156	0
86	MG	8	205	1/1	0.84	0.17	67,67,67,67	0
86	MG	8	209	1/1	0.84	0.18	62,62,62,62	0
87	OHX	1	4192	7/7	0.84	0.17	126,126,126,126	0
86	MG	2	1926	1/1	0.84	0.33	84,84,84,84	0
87	OHX	1	4195	7/7	0.84	0.17	132,132,132,132	0
87	OHX	1	4196	7/7	0.84	0.15	145,145,145,145	0
87	OHX	1	4197	7/7	0.84	0.20	116,116,116,116	0
86	MG	6	2022	1/1	0.84	0.24	58,58,58,58	0
87	OHX	5	4245	7/7	0.84	0.21	133,133,133,133	0
87	OHX	5	4246	7/7	0.84	0.21	129,129,129,129	0
86	MG	2	2006	1/1	0.84	0.41	45,45,45,45	0
86	MG	5	3605	1/1	0.84	0.16	29,29,29,29	0
87	OHX	7	227	7/7	0.84	0.15	140,140,140,140	0
86	MG	6	1918	1/1	0.84	0.37	64,64,64,64	0
87	OHX	1	4213	7/7	0.84	0.23	118,118,118,118	0
86	MG	1	3474	1/1	0.84	0.23	70,70,70,70	0
87	OHX	2	2148	7/7	0.84	0.15	145,145,145,145	0
87	OHX	L3	406	7/7	0.84	0.17	146,146,146,146	0
86	MG	2	1983	1/1	0.84	0.15	51,51,51,51	0
86	MG	2	1908	1/1	0.85	0.29	65,65,65,65	0
86	MG	1	3639	1/1	0.85	0.22	55,55,55,55	0
86	MG	1	3484	1/1	0.85	0.31	42,42,42,42	0
87	OHX	6	2166	7/7	0.85	0.17	132,132,132,132	0
87	OHX	2	2168	7/7	0.85	0.17	139,139,139,139	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	2	1998	1/1	0.85	0.28	61,61,61,61	0
86	MG	2	1949	1/1	0.85	0.24	53,53,53,53	0
86	MG	6	2044	1/1	0.85	0.37	54,54,54,54	0
86	MG	1	3653	1/1	0.85	0.18	69,69,69,69	0
86	MG	c7	201	1/1	0.85	0.21	64,64,64,64	0
86	MG	2	1958	1/1	0.85	0.39	74,74,74,74	0
87	OHX	1	4092	7/7	0.85	0.16	134,134,134,134	0
86	MG	1	3673	1/1	0.85	0.42	61,61,61,61	0
86	MG	5	3684	1/1	0.85	0.12	33,33,33,33	0
86	MG	5	3859	1/1	0.85	0.33	74,74,74,74	0
86	MG	5	3860	1/1	0.85	0.23	47,47,47,47	0
86	MG	6	1904	1/1	0.85	0.28	57,57,57,57	0
86	MG	2	2020	1/1	0.85	0.11	85,85,85,85	0
87	OHX	1	4147	7/7	0.85	0.20	128,128,128,128	0
87	OHX	1	4149	7/7	0.85	0.16	131,131,131,131	0
87	OHX	6	2201	7/7	0.85	0.19	129,129,129,129	0
87	OHX	1	4162	7/7	0.85	0.18	136,136,136,136	0
87	OHX	c3	201	7/7	0.85	0.17	135,135,135,135	0
87	OHX	5	4139	7/7	0.85	0.24	110,110,110,110	0
87	OHX	5	4141	7/7	0.85	0.21	117,117,117,117	0
87	OHX	5	4147	7/7	0.85	0.22	103,103,103,103	0
87	OHX	5	4161	7/7	0.85	0.19	113,113,113,113	0
87	OHX	1	4165	7/7	0.85	0.12	170,170,170,170	0
86	MG	1	3612	1/1	0.85	0.11	39,39,39,39	0
87	OHX	1	4167	7/7	0.85	0.20	109,109,109,109	0
87	OHX	5	4202	7/7	0.85	0.18	124,124,124,124	0
86	MG	5	3709	1/1	0.85	0.23	43,43,43,43	0
87	OHX	5	4204	7/7	0.85	0.19	127,127,127,127	0
87	OHX	1	4169	7/7	0.85	0.16	137,137,137,137	0
86	MG	2	2003	1/1	0.85	0.20	59,59,59,59	0
86	MG	5	3450	1/1	0.85	0.19	52,52,52,52	0
86	MG	6	2005	1/1	0.85	0.21	81,81,81,81	0
87	OHX	1	4176	7/7	0.85	0.27	109,109,109,109	0
86	MG	5	3459	1/1	0.85	0.23	36,36,36,36	0
87	OHX	5	4219	7/7	0.85	0.13	158,158,158,158	0
86	MG	2	1982	1/1	0.85	0.16	70,70,70,70	0
86	MG	4	203	1/1	0.85	0.29	45,45,45,45	0
87	OHX	5	4223	7/7	0.85	0.24	116,116,116,116	0
86	MG	7	208	1/1	0.85	0.22	43,43,43,43	0
86	MG	5	3734	1/1	0.85	0.24	63,63,63,63	0
86	MG	5	3470	1/1	0.85	0.12	32,32,32,32	0
86	MG	5	3737	1/1	0.85	0.12	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	4188	7/7	0.85	0.20	114,114,114,114	0
86	MG	6	2008	1/1	0.85	0.19	47,47,47,47	0
87	OHX	1	4190	7/7	0.85	0.21	123,123,123,123	0
86	MG	5	3477	1/1	0.85	0.22	68,68,68,68	0
86	MG	6	2011	1/1	0.85	0.29	56,56,56,56	0
86	MG	1	3547	1/1	0.85	0.37	58,58,58,58	0
86	MG	n8	201	1/1	0.85	0.23	32,32,32,32	0
86	MG	2	1909	1/1	0.85	0.28	63,63,63,63	0
86	MG	6	2016	1/1	0.85	0.25	67,67,67,67	0
86	MG	5	3538	1/1	0.85	0.25	36,36,36,36	0
87	OHX	2	2133	7/7	0.85	0.18	120,120,120,120	0
87	OHX	2	2136	7/7	0.85	0.15	147,147,147,147	0
87	OHX	7	225	7/7	0.85	0.17	128,128,128,128	0
86	MG	2	1910	1/1	0.85	0.31	51,51,51,51	0
86	MG	1	3836	1/1	0.85	0.26	41,41,41,41	0
86	MG	6	1935	1/1	0.85	0.27	51,51,51,51	0
86	MG	6	1952	1/1	0.85	0.26	53,53,53,53	0
86	MG	5	3591	1/1	0.85	0.34	33,33,33,33	0
87	OHX	m4	201	7/7	0.85	0.11	189,189,189,189	0
86	MG	5	3603	1/1	0.85	0.11	53,53,53,53	0
86	MG	6	1955	1/1	0.85	0.33	34,34,34,34	0
87	OHX	1	4201	7/7	0.86	0.20	122,122,122,122	0
87	OHX	2	2107	7/7	0.86	0.18	125,125,125,125	0
87	OHX	1	4203	7/7	0.86	0.18	120,120,120,120	0
87	OHX	2	2126	7/7	0.86	0.19	118,118,118,118	0
86	MG	1	3467	1/1	0.86	0.23	42,42,42,42	0
87	OHX	2	2135	7/7	0.86	0.20	116,116,116,116	0
87	OHX	4	234	7/7	0.86	0.15	136,136,136,136	0
86	MG	5	3490	1/1	0.86	0.10	27,27,27,27	0
86	MG	1	3468	1/1	0.86	0.30	59,59,59,59	0
87	OHX	2	2147	7/7	0.86	0.22	110,110,110,110	0
86	MG	5	3494	1/1	0.86	0.21	44,44,44,44	0
86	MG	5	3499	1/1	0.86	0.24	46,46,46,46	0
86	MG	5	3505	1/1	0.86	0.31	30,30,30,30	0
87	OHX	6	2137	7/7	0.86	0.18	117,117,117,117	0
86	MG	1	3527	1/1	0.86	0.27	24,24,24,24	0
87	OHX	6	2153	7/7	0.86	0.17	135,135,135,135	0
86	MG	6	1926	1/1	0.86	0.23	45,45,45,45	0
86	MG	3	202	1/1	0.86	0.12	40,40,40,40	0
87	OHX	6	2171	7/7	0.86	0.16	131,131,131,131	0
86	MG	5	3555	1/1	0.86	0.27	28,28,28,28	0
86	MG	5	3556	1/1	0.86	0.30	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2178	7/7	0.86	0.22	108,108,108,108	0
86	MG	5	3786	1/1	0.86	0.26	25,25,25,25	0
86	MG	6	1930	1/1	0.86	0.23	50,50,50,50	0
87	OHX	2	2170	7/7	0.86	0.19	127,127,127,127	0
87	OHX	2	2171	7/7	0.86	0.19	127,127,127,127	0
86	MG	1	3658	1/1	0.86	0.25	44,44,44,44	0
86	MG	2	1938	1/1	0.86	0.33	58,58,58,58	0
86	MG	1	3768	1/1	0.86	0.23	58,58,58,58	0
86	MG	5	3595	1/1	0.86	0.28	36,36,36,36	0
87	OHX	2	2178	7/7	0.86	0.18	125,125,125,125	0
86	MG	6	1949	1/1	0.86	0.26	46,46,46,46	0
87	OHX	D3	202	7/7	0.86	0.16	130,130,130,130	0
86	MG	6	2032	1/1	0.86	0.23	59,59,59,59	0
86	MG	6	1951	1/1	0.86	0.34	60,60,60,60	0
87	OHX	6	2199	7/7	0.86	0.20	129,129,129,129	0
87	OHX	1	4118	7/7	0.86	0.20	116,116,116,116	0
87	OHX	1	4119	7/7	0.86	0.23	103,103,103,103	0
87	OHX	6	2204	7/7	0.86	0.18	125,125,125,125	0
87	OHX	1	4125	7/7	0.86	0.23	107,107,107,107	0
87	OHX	s9	201	7/7	0.86	0.20	110,110,110,110	0
87	OHX	1	4126	7/7	0.86	0.17	132,132,132,132	0
87	OHX	5	4138	7/7	0.86	0.18	115,115,115,115	0
86	MG	D0	201	1/1	0.86	0.36	64,64,64,64	0
87	OHX	1	4129	7/7	0.86	0.14	144,144,144,144	0
87	OHX	1	4132	7/7	0.86	0.20	105,105,105,105	0
87	OHX	5	4153	7/7	0.86	0.23	103,103,103,103	0
87	OHX	1	4134	7/7	0.86	0.20	105,105,105,105	0
87	OHX	5	4164	7/7	0.86	0.18	130,130,130,130	0
87	OHX	1	4135	7/7	0.86	0.21	104,104,104,104	0
87	OHX	5	4177	7/7	0.86	0.18	118,118,118,118	0
87	OHX	5	4184	7/7	0.86	0.20	106,106,106,106	0
87	OHX	1	4137	7/7	0.86	0.20	113,113,113,113	0
87	OHX	5	4192	7/7	0.86	0.22	109,109,109,109	0
87	OHX	5	4193	7/7	0.86	0.21	109,109,109,109	0
86	MG	5	3839	1/1	0.86	0.14	38,38,38,38	0
86	MG	6	2038	1/1	0.86	0.33	45,45,45,45	0
86	MG	1	3543	1/1	0.86	0.30	32,32,32,32	0
86	MG	6	1958	1/1	0.86	0.32	47,47,47,47	0
86	MG	6	1960	1/1	0.86	0.32	41,41,41,41	0
86	MG	1	3781	1/1	0.86	0.21	43,43,43,43	0
86	MG	2	2012	1/1	0.86	0.36	71,71,71,71	0
87	OHX	1	4152	7/7	0.86	0.18	123,123,123,123	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3866	1/1	0.86	0.22	52,52,52,52	0
87	OHX	1	4164	7/7	0.86	0.20	112,112,112,112	0
86	MG	1	3812	1/1	0.86	0.22	52,52,52,52	0
86	MG	d3	201	1/1	0.86	0.32	44,44,44,44	0
86	MG	1	3625	1/1	0.86	0.38	77,77,77,77	0
86	MG	5	3879	1/1	0.86	0.35	42,42,42,42	0
87	OHX	5	4224	7/7	0.86	0.17	132,132,132,132	0
86	MG	L3	403	1/1	0.86	0.24	41,41,41,41	0
87	OHX	5	4226	7/7	0.86	0.18	119,119,119,119	0
86	MG	5	3886	1/1	0.86	0.21	56,56,56,56	0
86	MG	5	3691	1/1	0.86	0.14	42,42,42,42	0
87	OHX	1	4174	7/7	0.86	0.18	122,122,122,122	0
86	MG	6	1977	1/1	0.86	0.22	56,56,56,56	0
86	MG	5	3434	1/1	0.86	0.32	51,51,51,51	0
86	MG	1	3816	1/1	0.86	0.11	34,34,34,34	0
87	OHX	1	4179	7/7	0.86	0.19	119,119,119,119	0
86	MG	5	4253	1/1	0.86	0.21	33,33,33,33	0
87	OHX	5	4238	7/7	0.86	0.15	130,130,130,130	0
87	OHX	1	4181	7/7	0.86	0.22	94,94,94,94	0
86	MG	1	3626	1/1	0.86	0.29	31,31,31,31	0
86	MG	1	3632	1/1	0.86	0.29	63,63,63,63	0
87	OHX	5	4243	7/7	0.86	0.15	141,141,141,141	0
86	MG	5	3717	1/1	0.86	0.10	46,46,46,46	0
86	MG	1	3430	1/1	0.86	0.29	47,47,47,47	0
86	MG	1	3439	1/1	0.86	0.36	46,46,46,46	0
86	MG	2	1942	1/1	0.86	0.28	62,62,62,62	0
87	OHX	5	4249	7/7	0.86	0.16	141,141,141,141	0
86	MG	1	3555	1/1	0.86	0.24	28,28,28,28	0
86	MG	1	3850	1/1	0.86	0.14	45,45,45,45	0
87	OHX	8	224	7/7	0.86	0.20	123,123,123,123	0
86	MG	1	3561	1/1	0.86	0.28	35,35,35,35	0
86	MG	n6	202	1/1	0.86	0.20	43,43,43,43	0
86	MG	2	1940	1/1	0.86	0.30	58,58,58,58	0
86	MG	5	3739	1/1	0.86	0.21	43,43,43,43	0
86	MG	5	3479	1/1	0.86	0.21	22,22,22,22	0
86	MG	1	3737	1/1	0.86	0.30	60,60,60,60	0
86	MG	o4	202	1/1	0.86	0.31	65,65,65,65	0
88	ZN	D7	101	1/1	0.86	0.22	142,142,142,142	0
86	MG	5	3891	1/1	0.87	0.19	35,35,35,35	0
86	MG	6	2010	1/1	0.87	0.10	46,46,46,46	0
87	OHX	1	4133	7/7	0.87	0.20	114,114,114,114	0
86	MG	5	3723	1/1	0.87	0.12	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3861	1/1	0.87	0.32	62,62,62,62	0
86	MG	1	3762	1/1	0.87	0.15	43,43,43,43	0
86	MG	2	1962	1/1	0.87	0.42	68,68,68,68	0
86	MG	3	203	1/1	0.87	0.14	84,84,84,84	0
86	MG	1	3440	1/1	0.87	0.19	38,38,38,38	0
86	MG	1	3414	1/1	0.87	0.30	30,30,30,30	0
86	MG	1	3553	1/1	0.87	0.36	35,35,35,35	0
87	OHX	6	2195	7/7	0.87	0.13	161,161,161,161	0
87	OHX	1	4145	7/7	0.87	0.17	132,132,132,132	0
87	OHX	6	2197	7/7	0.87	0.12	153,153,153,153	0
87	OHX	1	4146	7/7	0.87	0.18	118,118,118,118	0
86	MG	3	213	1/1	0.87	0.34	51,51,51,51	0
86	MG	8	208	1/1	0.87	0.34	76,76,76,76	0
86	MG	5	3747	1/1	0.87	0.21	49,49,49,49	0
87	OHX	1	4157	7/7	0.87	0.17	126,126,126,126	0
87	OHX	s1	302	7/7	0.87	0.16	136,136,136,136	0
87	OHX	1	4159	7/7	0.87	0.15	134,134,134,134	0
86	MG	m1	201	1/1	0.87	0.30	54,54,54,54	0
87	OHX	5	4109	7/7	0.87	0.21	109,109,109,109	0
87	OHX	1	4163	7/7	0.87	0.15	144,144,144,144	0
86	MG	5	3517	1/1	0.87	0.24	23,23,23,23	0
86	MG	5	3529	1/1	0.87	0.32	50,50,50,50	0
87	OHX	5	4142	7/7	0.87	0.18	117,117,117,117	0
86	MG	1	3689	1/1	0.87	0.11	30,30,30,30	0
86	MG	5	3539	1/1	0.87	0.28	34,34,34,34	0
87	OHX	5	4154	7/7	0.87	0.23	102,102,102,102	0
87	OHX	5	4157	7/7	0.87	0.17	117,117,117,117	0
87	OHX	5	4160	7/7	0.87	0.22	113,113,113,113	0
86	MG	1	3448	1/1	0.87	0.17	37,37,37,37	0
86	MG	5	3547	1/1	0.87	0.36	45,45,45,45	0
86	MG	1	3630	1/1	0.87	0.12	34,34,34,34	0
87	OHX	5	4166	7/7	0.87	0.19	123,123,123,123	0
87	OHX	5	4171	7/7	0.87	0.15	146,146,146,146	0
87	OHX	5	4176	7/7	0.87	0.18	121,121,121,121	0
86	MG	1	3416	1/1	0.87	0.18	27,27,27,27	0
87	OHX	5	4181	7/7	0.87	0.17	121,121,121,121	0
86	MG	q3	502	1/1	0.87	0.21	56,56,56,56	0
87	OHX	5	4187	7/7	0.87	0.23	105,105,105,105	0
87	OHX	2	2092	7/7	0.87	0.14	128,128,128,128	0
86	MG	5	3779	1/1	0.87	0.15	53,53,53,53	0
87	OHX	2	2119	7/7	0.87	0.17	121,121,121,121	0
87	OHX	5	4195	7/7	0.87	0.23	118,118,118,118	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	4	217	1/1	0.87	0.18	58,58,58,58	0
87	OHX	5	4197	7/7	0.87	0.21	103,103,103,103	0
86	MG	6	1963	1/1	0.87	0.23	68,68,68,68	0
86	MG	1	3558	1/1	0.87	0.11	43,43,43,43	0
86	MG	1	3821	1/1	0.87	0.24	64,64,64,64	0
87	OHX	5	4205	7/7	0.87	0.19	120,120,120,120	0
87	OHX	2	2142	7/7	0.87	0.21	115,115,115,115	0
86	MG	6	1969	1/1	0.87	0.19	39,39,39,39	0
87	OHX	2	2145	7/7	0.87	0.17	122,122,122,122	0
87	OHX	5	4210	7/7	0.87	0.22	100,100,100,100	0
86	MG	1	3519	1/1	0.87	0.29	35,35,35,35	0
86	MG	1	3713	1/1	0.87	0.34	74,74,74,74	0
87	OHX	2	2155	7/7	0.87	0.11	208,208,208,208	0
86	MG	5	3797	1/1	0.87	0.15	52,52,52,52	0
86	MG	1	3564	1/1	0.87	0.25	42,42,42,42	0
86	MG	6	1974	1/1	0.87	0.16	54,54,54,54	0
86	MG	d6	102	1/1	0.87	0.11	48,48,48,48	0
86	MG	1	3837	1/1	0.87	0.37	53,53,53,53	0
86	MG	5	3652	1/1	0.87	0.44	66,66,66,66	0
86	MG	2	1944	1/1	0.87	0.17	58,58,58,58	0
86	MG	2	2009	1/1	0.87	0.34	68,68,68,68	0
86	MG	5	3424	1/1	0.87	0.24	54,54,54,54	0
86	MG	5	3433	1/1	0.87	0.30	45,45,45,45	0
86	MG	5	3854	1/1	0.87	0.27	52,52,52,52	0
87	OHX	1	4204	7/7	0.87	0.17	119,119,119,119	0
87	OHX	1	4206	7/7	0.87	0.19	123,123,123,123	0
86	MG	O7	102	1/1	0.87	0.15	36,36,36,36	0
87	OHX	5	4236	7/7	0.87	0.22	117,117,117,117	0
86	MG	1	3642	1/1	0.87	0.14	36,36,36,36	0
86	MG	6	1988	1/1	0.87	0.10	39,39,39,39	0
87	OHX	4	233	7/7	0.87	0.19	108,108,108,108	0
86	MG	2	1921	1/1	0.87	0.38	48,48,48,48	0
87	OHX	4	235	7/7	0.87	0.17	128,128,128,128	0
86	MG	5	3688	1/1	0.87	0.28	68,68,68,68	0
86	MG	6	1993	1/1	0.87	0.23	60,60,60,60	0
87	OHX	S8	302	7/7	0.87	0.15	141,141,141,141	0
86	MG	5	3873	1/1	0.87	0.20	38,38,38,38	0
87	OHX	1	4061	7/7	0.87	0.16	126,126,126,126	0
86	MG	2	1911	1/1	0.87	0.32	53,53,53,53	0
86	MG	5	3704	1/1	0.87	0.18	59,59,59,59	0
87	OHX	1	4100	7/7	0.87	0.15	128,128,128,128	0
87	OHX	1	4107	7/7	0.87	0.17	123,123,123,123	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	4109	7/7	0.87	0.17	120,120,120,120	0
87	OHX	8	229	7/7	0.87	0.18	121,121,121,121	0
87	OHX	l3	404	7/7	0.87	0.17	128,128,128,128	0
87	OHX	6	2165	7/7	0.87	0.11	168,168,168,168	0
87	OHX	1	4111	7/7	0.87	0.18	117,117,117,117	0
87	OHX	m0	302	7/7	0.87	0.23	110,110,110,110	0
86	MG	1	3854	1/1	0.87	0.26	43,43,43,43	0
86	MG	1	3607	1/1	0.87	0.10	48,48,48,48	0
86	MG	1	3432	1/1	0.87	0.30	38,38,38,38	0
86	MG	1	3756	1/1	0.87	0.15	42,42,42,42	0
86	MG	1	3610	1/1	0.87	0.28	59,59,59,59	0
87	OHX	2	2150	7/7	0.88	0.13	157,157,157,157	0
87	OHX	2	2152	7/7	0.88	0.14	146,146,146,146	0
87	OHX	2	2153	7/7	0.88	0.15	129,129,129,129	0
86	MG	5	3543	1/1	0.88	0.28	31,31,31,31	0
86	MG	5	3416	1/1	0.88	0.13	29,29,29,29	0
87	OHX	d4	202	7/7	0.88	0.16	131,131,131,131	0
86	MG	5	3869	1/1	0.88	0.11	32,32,32,32	0
86	MG	5	3871	1/1	0.88	0.25	50,50,50,50	0
86	MG	M6	201	1/1	0.88	0.10	45,45,45,45	0
86	MG	1	3497	1/1	0.88	0.23	39,39,39,39	0
86	MG	1	3759	1/1	0.88	0.11	36,36,36,36	0
86	MG	5	3432	1/1	0.88	0.17	34,34,34,34	0
87	OHX	5	4148	7/7	0.88	0.19	112,112,112,112	0
87	OHX	5	4149	7/7	0.88	0.17	114,114,114,114	0
86	MG	1	3708	1/1	0.88	0.12	40,40,40,40	0
86	MG	6	1957	1/1	0.88	0.39	53,53,53,53	0
86	MG	O4	202	1/1	0.88	0.14	55,55,55,55	0
87	OHX	5	4159	7/7	0.88	0.21	96,96,96,96	0
86	MG	5	3437	1/1	0.88	0.16	37,37,37,37	0
87	OHX	2	2173	7/7	0.88	0.16	135,135,135,135	0
86	MG	1	3545	1/1	0.88	0.23	37,37,37,37	0
86	MG	5	3895	1/1	0.88	0.09	104,104,104,104	0
87	OHX	1	4191	7/7	0.88	0.17	126,126,126,126	0
87	OHX	5	4169	7/7	0.88	0.18	122,122,122,122	0
86	MG	5	3756	1/1	0.88	0.14	48,48,48,48	0
87	OHX	5	4174	7/7	0.88	0.20	116,116,116,116	0
86	MG	2	1955	1/1	0.88	0.20	57,57,57,57	0
86	MG	1	3767	1/1	0.88	0.15	54,54,54,54	0
87	OHX	5	4179	7/7	0.88	0.20	118,118,118,118	0
86	MG	4	201	1/1	0.88	0.14	43,43,43,43	0
87	OHX	5	4182	7/7	0.88	0.16	129,129,129,129	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4183	7/7	0.88	0.17	119,119,119,119	0
86	MG	5	3637	1/1	0.88	0.28	37,37,37,37	0
86	MG	5	3639	1/1	0.88	0.20	49,49,49,49	0
86	MG	7	209	1/1	0.88	0.27	38,38,38,38	0
86	MG	1	3478	1/1	0.88	0.20	71,71,71,71	0
87	OHX	1	4067	7/7	0.88	0.19	112,112,112,112	0
87	OHX	1	4072	7/7	0.88	0.26	90,90,90,90	0
86	MG	5	3467	1/1	0.88	0.18	56,56,56,56	0
87	OHX	1	4095	7/7	0.88	0.14	126,126,126,126	0
87	OHX	1	4208	7/7	0.88	0.20	115,115,115,115	0
87	OHX	1	4209	7/7	0.88	0.22	111,111,111,111	0
86	MG	1	3724	1/1	0.88	0.09	52,52,52,52	0
87	OHX	1	4212	7/7	0.88	0.13	144,144,144,144	0
87	OHX	1	4102	7/7	0.88	0.17	124,124,124,124	0
86	MG	8	201	1/1	0.88	0.29	35,35,35,35	0
87	OHX	3	225	7/7	0.88	0.16	127,127,127,127	0
86	MG	6	1910	1/1	0.88	0.17	57,57,57,57	0
87	OHX	5	4211	7/7	0.88	0.17	122,122,122,122	0
86	MG	4	211	1/1	0.88	0.22	51,51,51,51	0
87	OHX	5	4215	7/7	0.88	0.18	121,121,121,121	0
87	OHX	1	4115	7/7	0.88	0.17	112,112,112,112	0
86	MG	6	1916	1/1	0.88	0.27	55,55,55,55	0
86	MG	8	212	1/1	0.88	0.22	56,56,56,56	0
87	OHX	1	4120	7/7	0.88	0.19	119,119,119,119	0
87	OHX	1	4121	7/7	0.88	0.16	128,128,128,128	0
87	OHX	5	4222	7/7	0.88	0.17	124,124,124,124	0
86	MG	5	3663	1/1	0.88	0.16	45,45,45,45	0
86	MG	2	2019	1/1	0.88	0.41	64,64,64,64	0
86	MG	n3	201	1/1	0.88	0.31	22,22,22,22	0
86	MG	5	3677	1/1	0.88	0.14	38,38,38,38	0
86	MG	5	3794	1/1	0.88	0.20	40,40,40,40	0
86	MG	6	1920	1/1	0.88	0.35	52,52,52,52	0
86	MG	1	3640	1/1	0.88	0.11	62,62,62,62	0
86	MG	6	1983	1/1	0.88	0.34	47,47,47,47	0
87	OHX	6	2168	7/7	0.88	0.13	159,159,159,159	0
87	OHX	5	4233	7/7	0.88	0.19	106,106,106,106	0
87	OHX	6	2169	7/7	0.88	0.23	108,108,108,108	0
87	OHX	6	2170	7/7	0.88	0.15	132,132,132,132	0
86	MG	1	3804	1/1	0.88	0.12	33,33,33,33	0
86	MG	5	3812	1/1	0.88	0.09	37,37,37,37	0
86	MG	1	3592	1/1	0.88	0.24	35,35,35,35	0
86	MG	1	3696	1/1	0.88	0.18	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3693	1/1	0.88	0.15	49,49,49,49	0
87	OHX	6	2180	7/7	0.88	0.15	135,135,135,135	0
87	OHX	6	2181	7/7	0.88	0.19	117,117,117,117	0
87	OHX	5	4244	7/7	0.88	0.18	124,124,124,124	0
87	OHX	1	4143	7/7	0.88	0.22	104,104,104,104	0
87	OHX	6	2183	7/7	0.88	0.19	116,116,116,116	0
87	OHX	2	2115	7/7	0.88	0.17	121,121,121,121	0
86	MG	2	1924	1/1	0.88	0.45	70,70,70,70	0
86	MG	M3	201	1/1	0.88	0.08	42,42,42,42	0
86	MG	5	3705	1/1	0.88	0.26	61,61,61,61	0
87	OHX	7	226	7/7	0.88	0.21	109,109,109,109	0
87	OHX	2	2134	7/7	0.88	0.17	120,120,120,120	0
86	MG	5	3847	1/1	0.88	0.09	52,52,52,52	0
86	MG	2	1969	1/1	0.88	0.25	65,65,65,65	0
87	OHX	2	2138	7/7	0.88	0.16	137,137,137,137	0
87	OHX	1	4160	7/7	0.88	0.14	137,137,137,137	0
87	OHX	6	2193	7/7	0.88	0.15	141,141,141,141	0
87	OHX	2	2141	7/7	0.88	0.16	124,124,124,124	0
86	MG	5	3520	1/1	0.88	0.23	20,20,20,20	0
86	MG	2	1922	1/1	0.88	0.35	60,60,60,60	0
86	MG	5	3530	1/1	0.88	0.23	29,29,29,29	0
86	MG	6	1948	1/1	0.88	0.27	41,41,41,41	0
86	MG	5	3415	1/1	0.88	0.19	43,43,43,43	0
87	OHX	o9	101	7/7	0.88	0.24	99,99,99,99	0
87	OHX	2	2149	7/7	0.88	0.13	151,151,151,151	0
86	MG	m7	202	1/1	0.89	0.23	29,29,29,29	0
86	MG	m7	204	1/1	0.89	0.11	32,32,32,32	0
86	MG	5	3522	1/1	0.89	0.22	36,36,36,36	0
86	MG	5	3527	1/1	0.89	0.25	45,45,45,45	0
86	MG	6	2036	1/1	0.89	0.25	65,65,65,65	0
86	MG	O3	201	1/1	0.89	0.06	33,33,33,33	0
86	MG	n8	202	1/1	0.89	0.24	40,40,40,40	0
86	MG	1	3621	1/1	0.89	0.21	59,59,59,59	0
86	MG	1	3575	1/1	0.89	0.33	34,34,34,34	0
86	MG	1	3862	1/1	0.89	0.20	60,60,60,60	0
86	MG	1	3789	1/1	0.89	0.19	73,73,73,73	0
87	OHX	1	4151	7/7	0.89	0.18	118,118,118,118	0
87	OHX	s8	302	7/7	0.89	0.15	141,141,141,141	0
86	MG	1	3449	1/1	0.89	0.26	38,38,38,38	0
86	MG	1	3515	1/1	0.89	0.32	31,31,31,31	0
86	MG	2	1961	1/1	0.89	0.23	50,50,50,50	0
87	OHX	2	2111	7/7	0.89	0.14	142,142,142,142	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4124	7/7	0.89	0.14	127,127,127,127	0
87	OHX	5	4128	7/7	0.89	0.18	113,113,113,113	0
86	MG	1	3814	1/1	0.89	0.10	45,45,45,45	0
86	MG	5	3569	1/1	0.89	0.24	25,25,25,25	0
87	OHX	2	2121	7/7	0.89	0.15	129,129,129,129	0
86	MG	6	1979	1/1	0.89	0.24	42,42,42,42	0
87	OHX	2	2127	7/7	0.89	0.14	133,133,133,133	0
86	MG	5	3407	1/1	0.89	0.08	34,34,34,34	0
86	MG	5	3590	1/1	0.89	0.29	26,26,26,26	0
87	OHX	5	4151	7/7	0.89	0.22	108,108,108,108	0
86	MG	1	3666	1/1	0.89	0.10	33,33,33,33	0
86	MG	1	3670	1/1	0.89	0.15	75,75,75,75	0
87	OHX	2	2137	7/7	0.89	0.15	127,127,127,127	0
86	MG	1	3464	1/1	0.89	0.18	47,47,47,47	0
86	MG	1	3823	1/1	0.89	0.10	39,39,39,39	0
86	MG	5	3422	1/1	0.89	0.27	34,34,34,34	0
86	MG	5	3804	1/1	0.89	0.28	62,62,62,62	0
86	MG	5	3617	1/1	0.89	0.21	40,40,40,40	0
86	MG	5	3618	1/1	0.89	0.07	32,32,32,32	0
87	OHX	5	4167	7/7	0.89	0.18	114,114,114,114	0
86	MG	5	3623	1/1	0.89	0.20	41,41,41,41	0
86	MG	5	3624	1/1	0.89	0.15	34,34,34,34	0
87	OHX	5	4172	7/7	0.89	0.28	88,88,88,88	0
86	MG	5	3627	1/1	0.89	0.27	36,36,36,36	0
86	MG	5	3631	1/1	0.89	0.26	57,57,57,57	0
86	MG	6	1919	1/1	0.89	0.27	38,38,38,38	0
87	OHX	5	4178	7/7	0.89	0.24	97,97,97,97	0
86	MG	5	3635	1/1	0.89	0.09	37,37,37,37	0
87	OHX	2	2156	7/7	0.89	0.20	104,104,104,104	0
86	MG	5	3426	1/1	0.89	0.17	40,40,40,40	0
86	MG	1	3634	1/1	0.89	0.13	41,41,41,41	0
86	MG	5	3641	1/1	0.89	0.28	34,34,34,34	0
86	MG	1	3522	1/1	0.89	0.33	33,33,33,33	0
86	MG	5	3648	1/1	0.89	0.28	48,48,48,48	0
86	MG	6	1992	1/1	0.89	0.22	62,62,62,62	0
86	MG	1	3680	1/1	0.89	0.16	36,36,36,36	0
86	MG	6	1925	1/1	0.89	0.36	36,36,36,36	0
87	OHX	2	2165	7/7	0.89	0.14	144,144,144,144	0
86	MG	4	213	1/1	0.89	0.07	37,37,37,37	0
86	MG	5	3445	1/1	0.89	0.27	22,22,22,22	0
86	MG	5	3867	1/1	0.89	0.30	61,61,61,61	0
87	OHX	2	2172	7/7	0.89	0.16	129,129,129,129	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3658	1/1	0.89	0.23	51,51,51,51	0
87	OHX	1	4205	7/7	0.89	0.17	121,121,121,121	0
86	MG	6	2002	1/1	0.89	0.10	88,88,88,88	0
87	OHX	1	4207	7/7	0.89	0.21	110,110,110,110	0
86	MG	1	3686	1/1	0.89	0.25	44,44,44,44	0
86	MG	1	3482	1/1	0.89	0.24	48,48,48,48	0
87	OHX	5	4212	7/7	0.89	0.16	131,131,131,131	0
86	MG	4	218	1/1	0.89	0.16	50,50,50,50	0
87	OHX	1	4211	7/7	0.89	0.21	113,113,113,113	0
86	MG	1	3844	1/1	0.89	0.29	52,52,52,52	0
86	MG	2	1929	1/1	0.89	0.33	57,57,57,57	0
87	OHX	1	4214	7/7	0.89	0.18	132,132,132,132	0
86	MG	6	1936	1/1	0.89	0.28	62,62,62,62	0
86	MG	6	1939	1/1	0.89	0.28	54,54,54,54	0
87	OHX	1	4016	7/7	0.89	0.12	137,137,137,137	0
86	MG	5	3472	1/1	0.89	0.23	29,29,29,29	0
86	MG	5	3889	1/1	0.89	0.35	52,52,52,52	0
86	MG	5	3890	1/1	0.89	0.37	46,46,46,46	0
87	OHX	1	4069	7/7	0.89	0.20	104,104,104,104	0
86	MG	5	3475	1/1	0.89	0.24	51,51,51,51	0
87	OHX	1	4080	7/7	0.89	0.19	104,104,104,104	0
87	OHX	1	4081	7/7	0.89	0.16	124,124,124,124	0
87	OHX	1	4089	7/7	0.89	0.16	119,119,119,119	0
87	OHX	6	2126	7/7	0.89	0.16	118,118,118,118	0
87	OHX	5	4232	7/7	0.89	0.12	157,157,157,157	0
87	OHX	6	2127	7/7	0.89	0.25	91,91,91,91	0
86	MG	6	1940	1/1	0.89	0.40	76,76,76,76	0
87	OHX	1	4094	7/7	0.89	0.16	119,119,119,119	0
86	MG	5	3701	1/1	0.89	0.13	35,35,35,35	0
87	OHX	6	2155	7/7	0.89	0.13	125,125,125,125	0
87	OHX	6	2160	7/7	0.89	0.19	105,105,105,105	0
87	OHX	1	4097	7/7	0.89	0.13	133,133,133,133	0
87	OHX	6	2164	7/7	0.89	0.19	120,120,120,120	0
86	MG	6	1941	1/1	0.89	0.22	45,45,45,45	0
87	OHX	5	4242	7/7	0.89	0.24	92,92,92,92	0
86	MG	5	3480	1/1	0.89	0.24	63,63,63,63	0
86	MG	6	1942	1/1	0.89	0.20	30,30,30,30	0
86	MG	1	3690	1/1	0.89	0.27	53,53,53,53	0
86	MG	5	3484	1/1	0.89	0.26	52,52,52,52	0
87	OHX	1	4112	7/7	0.89	0.26	102,102,102,102	0
87	OHX	6	2174	7/7	0.89	0.15	130,130,130,130	0
87	OHX	1	4113	7/7	0.89	0.12	151,151,151,151	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4250	7/7	0.89	0.17	120,120,120,120	0
86	MG	5	3488	1/1	0.89	0.21	50,50,50,50	0
87	OHX	6	2177	7/7	0.89	0.22	95,95,95,95	0
86	MG	1	3638	1/1	0.89	0.27	49,49,49,49	0
86	MG	6	2027	1/1	0.89	0.21	65,65,65,65	0
86	MG	2	1973	1/1	0.89	0.28	63,63,63,63	0
87	OHX	8	228	7/7	0.89	0.17	112,112,112,112	0
86	MG	2	2180	1/1	0.89	0.20	81,81,81,81	0
87	OHX	1	4123	7/7	0.89	0.17	123,123,123,123	0
86	MG	8	202	1/1	0.89	0.15	53,53,53,53	0
86	MG	5	3503	1/1	0.89	0.10	35,35,35,35	0
87	OHX	19	600	7/7	0.89	0.18	113,113,113,113	0
86	MG	5	3504	1/1	0.89	0.21	36,36,36,36	0
86	MG	2	2007	1/1	0.89	0.34	45,45,45,45	0
87	OHX	1	4130	7/7	0.89	0.14	138,138,138,138	0
86	MG	1	3643	1/1	0.89	0.11	40,40,40,40	0
86	MG	l5	301	1/1	0.89	0.27	56,56,56,56	0
86	MG	1	3775	1/1	0.89	0.17	57,57,57,57	0
86	MG	N8	202	1/1	0.89	0.14	20,20,20,20	0
88	ZN	d7	101	1/1	0.89	0.24	132,132,132,132	0
88	ZN	q2	501	1/1	0.89	0.29	77,77,77,77	0
87	OHX	1	4101	7/7	0.90	0.16	119,119,119,119	0
86	MG	5	3448	1/1	0.90	0.20	37,37,37,37	0
87	OHX	1	4103	7/7	0.90	0.17	114,114,114,114	0
87	OHX	1	4104	7/7	0.90	0.18	108,108,108,108	0
86	MG	M5	302	1/1	0.90	0.14	50,50,50,50	0
86	MG	5	3456	1/1	0.90	0.20	43,43,43,43	0
87	OHX	1	4110	7/7	0.90	0.23	101,101,101,101	0
86	MG	5	3896	1/1	0.90	0.24	50,50,50,50	0
86	MG	1	3701	1/1	0.90	0.13	34,34,34,34	0
86	MG	5	3664	1/1	0.90	0.49	54,54,54,54	0
86	MG	M7	204	1/1	0.90	0.11	32,32,32,32	0
86	MG	5	3461	1/1	0.90	0.20	24,24,24,24	0
86	MG	5	3463	1/1	0.90	0.10	36,36,36,36	0
86	MG	7	206	1/1	0.90	0.10	40,40,40,40	0
86	MG	5	3681	1/1	0.90	0.20	44,44,44,44	0
87	OHX	1	4122	7/7	0.90	0.22	97,97,97,97	0
86	MG	N0	201	1/1	0.90	0.18	44,44,44,44	0
86	MG	N3	201	1/1	0.90	0.33	30,30,30,30	0
86	MG	1	3820	1/1	0.90	0.18	31,31,31,31	0
86	MG	1	3551	1/1	0.90	0.27	37,37,37,37	0
87	OHX	6	2198	7/7	0.90	0.17	124,124,124,124	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	4128	7/7	0.90	0.17	110,110,110,110	0
86	MG	1	3552	1/1	0.90	0.28	30,30,30,30	0
86	MG	2	2013	1/1	0.90	0.30	58,58,58,58	0
86	MG	5	3695	1/1	0.90	0.18	43,43,43,43	0
86	MG	1	3401	1/1	0.90	0.27	36,36,36,36	0
86	MG	5	3700	1/1	0.90	0.14	39,39,39,39	0
86	MG	8	211	1/1	0.90	0.16	88,88,88,88	0
86	MG	1	3492	1/1	0.90	0.27	58,58,58,58	0
86	MG	12	302	1/1	0.90	0.16	30,30,30,30	0
87	OHX	c5	201	7/7	0.90	0.13	140,140,140,140	0
86	MG	14	402	1/1	0.90	0.14	43,43,43,43	0
87	OHX	5	4087	7/7	0.90	0.15	115,115,115,115	0
87	OHX	5	4089	7/7	0.90	0.23	98,98,98,98	0
87	OHX	5	4092	7/7	0.90	0.20	104,104,104,104	0
87	OHX	5	4108	7/7	0.90	0.18	115,115,115,115	0
87	OHX	1	4140	7/7	0.90	0.17	114,114,114,114	0
86	MG	2	1932	1/1	0.90	0.32	54,54,54,54	0
86	MG	1	3494	1/1	0.90	0.19	35,35,35,35	0
87	OHX	5	4132	7/7	0.90	0.12	160,160,160,160	0
87	OHX	5	4137	7/7	0.90	0.19	113,113,113,113	0
86	MG	1	3841	1/1	0.90	0.19	51,51,51,51	0
86	MG	1	3731	1/1	0.90	0.17	46,46,46,46	0
87	OHX	5	4140	7/7	0.90	0.14	128,128,128,128	0
86	MG	5	3710	1/1	0.90	0.21	47,47,47,47	0
86	MG	1	3845	1/1	0.90	0.22	38,38,38,38	0
87	OHX	5	4144	7/7	0.90	0.18	103,103,103,103	0
87	OHX	5	4145	7/7	0.90	0.18	120,120,120,120	0
86	MG	1	3408	1/1	0.90	0.27	32,32,32,32	0
87	OHX	1	4148	7/7	0.90	0.14	127,127,127,127	0
86	MG	5	3715	1/1	0.90	0.08	65,65,65,65	0
87	OHX	5	4150	7/7	0.90	0.16	129,129,129,129	0
87	OHX	1	4150	7/7	0.90	0.17	105,105,105,105	0
87	OHX	5	4152	7/7	0.90	0.14	131,131,131,131	0
86	MG	1	3733	1/1	0.90	0.13	60,60,60,60	0
86	MG	5	3492	1/1	0.90	0.13	46,46,46,46	0
87	OHX	1	4153	7/7	0.90	0.19	115,115,115,115	0
87	OHX	5	4158	7/7	0.90	0.16	117,117,117,117	0
86	MG	1	3501	1/1	0.90	0.30	23,23,23,23	0
87	OHX	1	4158	7/7	0.90	0.15	116,116,116,116	0
86	MG	o1	201	1/1	0.90	0.14	46,46,46,46	0
86	MG	2	1957	1/1	0.90	0.41	74,74,74,74	0
86	MG	6	1917	1/1	0.90	0.29	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3501	1/1	0.90	0.25	34,34,34,34	0
86	MG	5	3733	1/1	0.90	0.14	46,46,46,46	0
87	OHX	5	4168	7/7	0.90	0.13	133,133,133,133	0
86	MG	6	2019	1/1	0.90	0.14	48,48,48,48	0
87	OHX	2	2099	7/7	0.90	0.15	125,125,125,125	0
86	MG	1	3853	1/1	0.90	0.12	78,78,78,78	0
86	MG	1	3645	1/1	0.90	0.26	59,59,59,59	0
86	MG	1	3739	1/1	0.90	0.30	50,50,50,50	0
86	MG	1	3856	1/1	0.90	0.30	52,52,52,52	0
86	MG	5	3742	1/1	0.90	0.12	52,52,52,52	0
87	OHX	1	4173	7/7	0.90	0.12	148,148,148,148	0
86	MG	5	3746	1/1	0.90	0.20	36,36,36,36	0
86	MG	1	3747	1/1	0.90	0.15	49,49,49,49	0
87	OHX	2	2132	7/7	0.90	0.12	139,139,139,139	0
86	MG	1	3649	1/1	0.90	0.12	43,43,43,43	0
87	OHX	5	4185	7/7	0.90	0.17	111,111,111,111	0
86	MG	5	3524	1/1	0.90	0.37	41,41,41,41	0
86	MG	1	3750	1/1	0.90	0.42	58,58,58,58	0
87	OHX	5	4189	7/7	0.90	0.17	108,108,108,108	0
87	OHX	5	4190	7/7	0.90	0.15	125,125,125,125	0
87	OHX	5	4191	7/7	0.90	0.16	111,111,111,111	0
86	MG	1	3507	1/1	0.90	0.30	28,28,28,28	0
86	MG	1	3591	1/1	0.90	0.39	36,36,36,36	0
86	MG	5	3767	1/1	0.90	0.07	51,51,51,51	0
87	OHX	2	2139	7/7	0.90	0.13	148,148,148,148	0
86	MG	1	3461	1/1	0.90	0.21	28,28,28,28	0
86	MG	1	3757	1/1	0.90	0.12	26,26,26,26	0
86	MG	1	3462	1/1	0.90	0.24	25,25,25,25	0
86	MG	3	207	1/1	0.90	0.31	58,58,58,58	0
87	OHX	2	2146	7/7	0.90	0.12	155,155,155,155	0
86	MG	1	3659	1/1	0.90	0.25	43,43,43,43	0
86	MG	5	3548	1/1	0.90	0.27	46,46,46,46	0
86	MG	5	3549	1/1	0.90	0.30	48,48,48,48	0
86	MG	6	2042	1/1	0.90	0.33	71,71,71,71	0
86	MG	2	1970	1/1	0.90	0.27	63,63,63,63	0
86	MG	6	2045	1/1	0.90	0.34	67,67,67,67	0
87	OHX	2	2154	7/7	0.90	0.16	125,125,125,125	0
87	OHX	1	4199	7/7	0.90	0.20	112,112,112,112	0
86	MG	5	3790	1/1	0.90	0.13	35,35,35,35	0
86	MG	5	3561	1/1	0.90	0.28	29,29,29,29	0
86	MG	5	3565	1/1	0.90	0.32	27,27,27,27	0
86	MG	5	3795	1/1	0.90	0.14	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	2	2005	1/1	0.90	0.48	62,62,62,62	0
86	MG	1	3671	1/1	0.90	0.15	44,44,44,44	0
86	MG	5	3573	1/1	0.90	0.29	34,34,34,34	0
86	MG	3	214	1/1	0.90	0.23	60,60,60,60	0
86	MG	1	3526	1/1	0.90	0.22	24,24,24,24	0
86	MG	2	1920	1/1	0.90	0.17	52,52,52,52	0
86	MG	5	3593	1/1	0.90	0.35	27,27,27,27	0
87	OHX	2	2166	7/7	0.90	0.12	143,143,143,143	0
86	MG	2	1913	1/1	0.90	0.34	68,68,68,68	0
86	MG	5	3599	1/1	0.90	0.37	27,27,27,27	0
86	MG	1	3778	1/1	0.90	0.22	64,64,64,64	0
86	MG	5	3827	1/1	0.90	0.05	36,36,36,36	0
87	OHX	3	224	7/7	0.90	0.19	112,112,112,112	0
86	MG	5	3410	1/1	0.90	0.23	41,41,41,41	0
86	MG	5	3414	1/1	0.90	0.29	31,31,31,31	0
86	MG	1	3779	1/1	0.90	0.15	41,41,41,41	0
86	MG	1	3470	1/1	0.90	0.15	39,39,39,39	0
86	MG	5	3418	1/1	0.90	0.27	21,21,21,21	0
86	MG	2	1935	1/1	0.90	0.39	47,47,47,47	0
86	MG	4	216	1/1	0.90	0.20	68,68,68,68	0
86	MG	5	3629	1/1	0.90	0.15	53,53,53,53	0
86	MG	1	3544	1/1	0.90	0.30	32,32,32,32	0
86	MG	5	3633	1/1	0.90	0.14	44,44,44,44	0
87	OHX	6	2106	7/7	0.90	0.17	106,106,106,106	0
86	MG	6	1967	1/1	0.90	0.21	62,62,62,62	0
86	MG	1	3793	1/1	0.90	0.15	20,20,20,20	0
87	OHX	1	4063	7/7	0.90	0.17	111,111,111,111	0
87	OHX	6	2140	7/7	0.90	0.17	119,119,119,119	0
86	MG	5	3636	1/1	0.90	0.35	72,72,72,72	0
87	OHX	6	2151	7/7	0.90	0.15	125,125,125,125	0
87	OHX	5	4251	7/7	0.90	0.13	142,142,142,142	0
86	MG	5	3431	1/1	0.90	0.33	67,67,67,67	0
86	MG	1	3796	1/1	0.90	0.13	50,50,50,50	0
87	OHX	6	2157	7/7	0.90	0.14	130,130,130,130	0
87	OHX	6	2158	7/7	0.90	0.17	122,122,122,122	0
87	OHX	1	4076	7/7	0.90	0.14	117,117,117,117	0
87	OHX	8	227	7/7	0.90	0.20	116,116,116,116	0
86	MG	1	3427	1/1	0.90	0.17	32,32,32,32	0
87	OHX	6	2162	7/7	0.90	0.19	110,110,110,110	0
86	MG	5	3644	1/1	0.90	0.29	54,54,54,54	0
87	OHX	1	4083	7/7	0.90	0.13	123,123,123,123	0
87	OHX	1	4084	7/7	0.90	0.16	116,116,116,116	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2167	7/7	0.90	0.13	133,133,133,133	0
87	OHX	1	4087	7/7	0.90	0.19	110,110,110,110	0
86	MG	1	3546	1/1	0.90	0.23	49,49,49,49	0
86	MG	L8	301	1/1	0.90	0.34	57,57,57,57	0
86	MG	2	1984	1/1	0.90	0.16	55,55,55,55	0
87	OHX	6	2173	7/7	0.90	0.16	122,122,122,122	0
86	MG	2	1997	1/1	0.90	0.09	91,91,91,91	0
86	MG	5	3654	1/1	0.90	0.16	35,35,35,35	0
87	OHX	1	4099	7/7	0.90	0.17	105,105,105,105	0
86	MG	2	1936	1/1	0.90	0.28	50,50,50,50	0
87	OHX	5	4085	7/7	0.91	0.13	124,124,124,124	0
87	OHX	1	4178	7/7	0.91	0.08	225,225,225,225	0
86	MG	3	211	1/1	0.91	0.10	69,69,69,69	0
86	MG	1	3675	1/1	0.91	0.20	21,21,21,21	0
87	OHX	5	4095	7/7	0.91	0.14	113,113,113,113	0
87	OHX	5	4096	7/7	0.91	0.13	127,127,127,127	0
87	OHX	5	4098	7/7	0.91	0.14	123,123,123,123	0
87	OHX	5	4099	7/7	0.91	0.18	106,106,106,106	0
87	OHX	5	4101	7/7	0.91	0.14	130,130,130,130	0
87	OHX	5	4105	7/7	0.91	0.20	94,94,94,94	0
86	MG	5	3708	1/1	0.91	0.14	45,45,45,45	0
86	MG	2	1980	1/1	0.91	0.34	56,56,56,56	0
87	OHX	5	4116	7/7	0.91	0.13	135,135,135,135	0
87	OHX	1	4183	7/7	0.91	0.14	131,131,131,131	0
86	MG	1	3505	1/1	0.91	0.23	29,29,29,29	0
86	MG	5	3551	1/1	0.91	0.39	50,50,50,50	0
87	OHX	5	4134	7/7	0.91	0.16	114,114,114,114	0
87	OHX	5	4135	7/7	0.91	0.18	111,111,111,111	0
86	MG	1	3418	1/1	0.91	0.29	48,48,48,48	0
86	MG	1	3748	1/1	0.91	0.12	43,43,43,43	0
86	MG	1	3446	1/1	0.91	0.24	44,44,44,44	0
86	MG	6	1997	1/1	0.91	0.19	65,65,65,65	0
86	MG	4	209	1/1	0.91	0.20	46,46,46,46	0
86	MG	7	201	1/1	0.91	0.35	39,39,39,39	0
86	MG	5	3568	1/1	0.91	0.36	28,28,28,28	0
87	OHX	1	3998	7/7	0.91	0.18	104,104,104,104	0
87	OHX	1	4011	7/7	0.91	0.14	116,116,116,116	0
86	MG	6	1922	1/1	0.91	0.31	47,47,47,47	0
87	OHX	1	4027	7/7	0.91	0.18	99,99,99,99	0
87	OHX	1	4035	7/7	0.91	0.17	110,110,110,110	0
86	MG	7	207	1/1	0.91	0.12	47,47,47,47	0
86	MG	5	3727	1/1	0.91	0.08	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3516	1/1	0.91	0.34	32,32,32,32	0
86	MG	2	1917	1/1	0.91	0.34	53,53,53,53	0
87	OHX	5	4156	7/7	0.91	0.15	116,116,116,116	0
87	OHX	1	4068	7/7	0.91	0.19	112,112,112,112	0
86	MG	5	3575	1/1	0.91	0.36	36,36,36,36	0
86	MG	5	3580	1/1	0.91	0.24	30,30,30,30	0
86	MG	7	214	1/1	0.91	0.24	47,47,47,47	0
86	MG	5	3440	1/1	0.91	0.32	62,62,62,62	0
87	OHX	5	4162	7/7	0.91	0.20	104,104,104,104	0
87	OHX	5	4163	7/7	0.91	0.20	103,103,103,103	0
86	MG	5	3738	1/1	0.91	0.15	50,50,50,50	0
87	OHX	1	4082	7/7	0.91	0.20	112,112,112,112	0
86	MG	5	3583	1/1	0.91	0.25	37,37,37,37	0
86	MG	1	3695	1/1	0.91	0.09	40,40,40,40	0
86	MG	4	214	1/1	0.91	0.15	56,56,56,56	0
86	MG	5	3592	1/1	0.91	0.36	40,40,40,40	0
87	OHX	1	4091	7/7	0.91	0.18	110,110,110,110	0
87	OHX	3	221	7/7	0.91	0.12	125,125,125,125	0
87	OHX	3	222	7/7	0.91	0.17	108,108,108,108	0
87	OHX	5	4175	7/7	0.91	0.18	120,120,120,120	0
86	MG	2	1994	1/1	0.91	0.45	58,58,58,58	0
86	MG	1	3697	1/1	0.91	0.10	52,52,52,52	0
86	MG	1	3758	1/1	0.91	0.07	43,43,43,43	0
86	MG	1	3843	1/1	0.91	0.34	54,54,54,54	0
86	MG	17	301	1/1	0.91	0.16	36,36,36,36	0
86	MG	5	3759	1/1	0.91	0.31	68,68,68,68	0
86	MG	1	3452	1/1	0.91	0.25	41,41,41,41	0
86	MG	1	3523	1/1	0.91	0.17	63,63,63,63	0
87	OHX	L4	402	7/7	0.91	0.16	113,113,113,113	0
87	OHX	5	4186	7/7	0.91	0.18	109,109,109,109	0
86	MG	6	2018	1/1	0.91	0.31	52,52,52,52	0
86	MG	6	1937	1/1	0.91	0.28	42,42,42,42	0
86	MG	6	1938	1/1	0.91	0.22	35,35,35,35	0
86	MG	1	3650	1/1	0.91	0.10	39,39,39,39	0
86	MG	6	2023	1/1	0.91	0.18	43,43,43,43	0
87	OHX	6	2108	7/7	0.91	0.16	109,109,109,109	0
86	MG	L5	301	1/1	0.91	0.31	57,57,57,57	0
86	MG	5	3630	1/1	0.91	0.14	47,47,47,47	0
87	OHX	6	2128	7/7	0.91	0.17	110,110,110,110	0
87	OHX	6	2134	7/7	0.91	0.13	136,136,136,136	0
86	MG	1	3702	1/1	0.91	0.30	44,44,44,44	0
86	MG	1	3849	1/1	0.91	0.19	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
87	OHX	6	2141	7/7	0.91	0.16	120,120,120,120	0
87	OHX	6	2145	7/7	0.91	0.16	117,117,117,117	0
87	OHX	6	2148	7/7	0.91	0.19	96,96,96,96	0
87	OHX	1	4116	7/7	0.91	0.15	121,121,121,121	0
86	MG	6	1944	1/1	0.91	0.43	51,51,51,51	0
87	OHX	6	2152	7/7	0.91	0.18	101,101,101,101	0
86	MG	6	1947	1/1	0.91	0.33	48,48,48,48	0
87	OHX	6	2154	7/7	0.91	0.14	129,129,129,129	0
86	MG	5	3787	1/1	0.91	0.15	33,33,33,33	0
86	MG	q3	503	1/1	0.91	0.17	56,56,56,56	0
87	OHX	2	2085	7/7	0.91	0.18	104,104,104,104	0
87	OHX	2	2090	7/7	0.91	0.16	115,115,115,115	0
86	MG	1	3620	1/1	0.91	0.24	54,54,54,54	0
86	MG	2	2004	1/1	0.91	0.11	55,55,55,55	0
87	OHX	6	2163	7/7	0.91	0.19	108,108,108,108	0
87	OHX	2	2102	7/7	0.91	0.15	124,124,124,124	0
86	MG	1	3406	1/1	0.91	0.15	31,31,31,31	0
86	MG	5	3485	1/1	0.91	0.28	31,31,31,31	0
86	MG	1	3656	1/1	0.91	0.27	43,43,43,43	0
87	OHX	1	4131	7/7	0.91	0.15	136,136,136,136	0
87	OHX	2	2117	7/7	0.91	0.14	141,141,141,141	0
86	MG	M7	201	1/1	0.91	0.36	65,65,65,65	0
86	MG	5	3802	1/1	0.91	0.06	29,29,29,29	0
87	OHX	2	2122	7/7	0.91	0.16	122,122,122,122	0
86	MG	5	3647	1/1	0.91	0.24	31,31,31,31	0
86	MG	M7	202	1/1	0.91	0.23	30,30,30,30	0
87	OHX	2	2131	7/7	0.91	0.14	129,129,129,129	0
86	MG	1	3429	1/1	0.91	0.38	41,41,41,41	0
86	MG	5	3809	1/1	0.91	0.14	33,33,33,33	0
86	MG	M9	201	1/1	0.91	0.31	61,61,61,61	0
86	MG	5	3497	1/1	0.91	0.14	29,29,29,29	0
86	MG	5	3814	1/1	0.91	0.08	52,52,52,52	0
86	MG	1	3715	1/1	0.91	0.11	36,36,36,36	0
86	MG	2	1943	1/1	0.91	0.23	61,61,61,61	0
86	MG	5	3502	1/1	0.91	0.28	24,24,24,24	0
86	MG	6	2046	1/1	0.91	0.29	60,60,60,60	0
86	MG	5	3661	1/1	0.91	0.19	43,43,43,43	0
86	MG	5	3836	1/1	0.91	0.18	40,40,40,40	0
86	MG	1	3858	1/1	0.91	0.08	43,43,43,43	0
86	MG	1	3570	1/1	0.91	0.27	24,24,24,24	0
86	MG	5	3507	1/1	0.91	0.24	28,28,28,28	0
86	MG	1	3782	1/1	0.91	0.12	32,32,32,32	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3725	1/1	0.91	0.08	40,40,40,40	0
86	MG	5	3518	1/1	0.91	0.28	34,34,34,34	0
87	OHX	2	2151	7/7	0.91	0.14	131,131,131,131	0
86	MG	1	3728	1/1	0.91	0.10	70,70,70,70	0
86	MG	5	3521	1/1	0.91	0.34	33,33,33,33	0
86	MG	1	3794	1/1	0.91	0.17	44,44,44,44	0
86	MG	5	3864	1/1	0.91	0.08	35,35,35,35	0
86	MG	5	3865	1/1	0.91	0.10	35,35,35,35	0
86	MG	5	3403	1/1	0.91	0.33	58,58,58,58	0
86	MG	6	1973	1/1	0.91	0.20	45,45,45,45	0
87	OHX	6	2202	7/7	0.91	0.15	127,127,127,127	0
86	MG	2	1978	1/1	0.91	0.29	51,51,51,51	0
87	OHX	14	403	7/7	0.91	0.16	114,114,114,114	0
86	MG	1	3797	1/1	0.91	0.08	43,43,43,43	0
87	OHX	15	303	7/7	0.91	0.13	127,127,127,127	0
86	MG	5	3534	1/1	0.91	0.26	35,35,35,35	0
86	MG	5	3698	1/1	0.91	0.12	35,35,35,35	0
86	MG	5	3699	1/1	0.91	0.12	54,54,54,54	0
86	MG	1	3437	1/1	0.91	0.20	26,26,26,26	0
86	MG	1	3585	1/1	0.91	0.19	35,35,35,35	0
86	MG	2	1912	1/1	0.91	0.24	56,56,56,56	0
87	OHX	5	3996	7/7	0.91	0.14	99,99,99,99	0
87	OHX	5	4038	7/7	0.91	0.17	104,104,104,104	0
87	OHX	5	4043	7/7	0.91	0.15	116,116,116,116	0
87	OHX	5	4054	7/7	0.91	0.21	95,95,95,95	0
87	OHX	5	4072	7/7	0.91	0.18	114,114,114,114	0
86	MG	5	3567	1/1	0.92	0.37	42,42,42,42	0
86	MG	6	1961	1/1	0.92	0.29	62,62,62,62	0
86	MG	1	3683	1/1	0.92	0.09	38,38,38,38	0
87	OHX	s4	301	7/7	0.92	0.15	130,130,130,130	0
86	MG	6	1964	1/1	0.92	0.22	46,46,46,46	0
86	MG	6	1965	1/1	0.92	0.20	63,63,63,63	0
86	MG	5	3768	1/1	0.92	0.07	35,35,35,35	0
86	MG	1	3840	1/1	0.92	0.19	44,44,44,44	0
86	MG	5	3579	1/1	0.92	0.37	41,41,41,41	0
87	OHX	2	2116	7/7	0.92	0.14	123,123,123,123	0
87	OHX	5	4018	7/7	0.92	0.13	139,139,139,139	0
87	OHX	5	4028	7/7	0.92	0.17	98,98,98,98	0
86	MG	1	3572	1/1	0.92	0.31	38,38,38,38	0
87	OHX	2	2118	7/7	0.92	0.13	120,120,120,120	0
87	OHX	5	4044	7/7	0.92	0.17	109,109,109,109	0
86	MG	1	3573	1/1	0.92	0.26	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4063	7/7	0.92	0.15	111,111,111,111	0
86	MG	1	3454	1/1	0.92	0.23	50,50,50,50	0
87	OHX	5	4076	7/7	0.92	0.19	104,104,104,104	0
86	MG	5	3425	1/1	0.92	0.11	40,40,40,40	0
87	OHX	2	2124	7/7	0.92	0.16	110,110,110,110	0
87	OHX	1	4161	7/7	0.92	0.17	122,122,122,122	0
87	OHX	2	2125	7/7	0.92	0.13	126,126,126,126	0
86	MG	1	3579	1/1	0.92	0.23	23,23,23,23	0
86	MG	M7	206	1/1	0.92	0.14	51,51,51,51	0
87	OHX	2	2128	7/7	0.92	0.11	171,171,171,171	0
86	MG	1	3691	1/1	0.92	0.12	29,29,29,29	0
86	MG	2	1918	1/1	0.92	0.38	49,49,49,49	0
86	MG	1	3583	1/1	0.92	0.30	34,34,34,34	0
86	MG	5	3600	1/1	0.92	0.17	35,35,35,35	0
86	MG	5	3791	1/1	0.92	0.09	48,48,48,48	0
87	OHX	5	4111	7/7	0.92	0.14	118,118,118,118	0
87	OHX	5	4115	7/7	0.92	0.19	108,108,108,108	0
86	MG	6	1975	1/1	0.92	0.17	50,50,50,50	0
87	OHX	5	4119	7/7	0.92	0.15	106,106,106,106	0
87	OHX	5	4120	7/7	0.92	0.15	107,107,107,107	0
87	OHX	5	4121	7/7	0.92	0.12	133,133,133,133	0
87	OHX	5	4123	7/7	0.92	0.16	121,121,121,121	0
86	MG	1	3456	1/1	0.92	0.23	20,20,20,20	0
87	OHX	5	4127	7/7	0.92	0.16	114,114,114,114	0
86	MG	N3	203	1/1	0.92	0.35	51,51,51,51	0
87	OHX	5	4129	7/7	0.92	0.13	125,125,125,125	0
86	MG	5	3616	1/1	0.92	0.13	29,29,29,29	0
86	MG	1	3481	1/1	0.92	0.27	26,26,26,26	0
86	MG	5	3443	1/1	0.92	0.28	27,27,27,27	0
86	MG	N8	201	1/1	0.92	0.11	29,29,29,29	0
86	MG	1	3518	1/1	0.92	0.33	23,23,23,23	0
86	MG	5	3626	1/1	0.92	0.25	36,36,36,36	0
86	MG	N8	204	1/1	0.92	0.24	30,30,30,30	0
86	MG	5	3454	1/1	0.92	0.14	38,38,38,38	0
86	MG	1	3550	1/1	0.92	0.22	27,27,27,27	0
86	MG	1	3457	1/1	0.92	0.19	35,35,35,35	0
86	MG	2	1902	1/1	0.92	0.26	41,41,41,41	0
86	MG	5	3817	1/1	0.92	0.13	41,41,41,41	0
86	MG	1	3770	1/1	0.92	0.10	35,35,35,35	0
86	MG	1	3772	1/1	0.92	0.17	46,46,46,46	0
86	MG	5	3824	1/1	0.92	0.17	55,55,55,55	0
86	MG	6	1996	1/1	0.92	0.09	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3829	1/1	0.92	0.20	23,23,23,23	0
86	MG	1	3774	1/1	0.92	0.10	38,38,38,38	0
86	MG	6	1999	1/1	0.92	0.27	54,54,54,54	0
86	MG	5	3469	1/1	0.92	0.18	37,37,37,37	0
86	MG	5	3843	1/1	0.92	0.08	49,49,49,49	0
86	MG	5	3642	1/1	0.92	0.12	50,50,50,50	0
86	MG	1	3648	1/1	0.92	0.20	30,30,30,30	0
86	MG	5	3645	1/1	0.92	0.08	30,30,30,30	0
86	MG	1	3706	1/1	0.92	0.11	33,33,33,33	0
86	MG	1	3707	1/1	0.92	0.07	54,54,54,54	0
86	MG	5	3473	1/1	0.92	0.18	42,42,42,42	0
86	MG	6	2004	1/1	0.92	0.11	67,67,67,67	0
86	MG	1	3608	1/1	0.92	0.27	48,48,48,48	0
86	MG	1	3488	1/1	0.92	0.20	46,46,46,46	0
86	MG	6	1914	1/1	0.92	0.26	35,35,35,35	0
86	MG	SM	301	1/1	0.92	0.21	44,44,44,44	0
86	MG	1	3783	1/1	0.92	0.16	45,45,45,45	0
86	MG	5	3868	1/1	0.92	0.19	44,44,44,44	0
86	MG	5	3483	1/1	0.92	0.18	34,34,34,34	0
86	MG	1	3785	1/1	0.92	0.21	36,36,36,36	0
86	MG	5	3872	1/1	0.92	0.28	31,31,31,31	0
86	MG	5	3662	1/1	0.92	0.26	27,27,27,27	0
87	OHX	C3	202	7/7	0.92	0.11	152,152,152,152	0
87	OHX	C5	201	7/7	0.92	0.11	151,151,151,151	0
86	MG	1	3786	1/1	0.92	0.14	34,34,34,34	0
87	OHX	1	3962	7/7	0.92	0.15	91,91,91,91	0
86	MG	1	3611	1/1	0.92	0.19	42,42,42,42	0
87	OHX	1	4000	7/7	0.92	0.16	104,104,104,104	0
86	MG	5	3668	1/1	0.92	0.17	25,25,25,25	0
86	MG	5	3671	1/1	0.92	0.13	38,38,38,38	0
87	OHX	1	4020	7/7	0.92	0.17	107,107,107,107	0
86	MG	1	3790	1/1	0.92	0.13	50,50,50,50	0
86	MG	1	3791	1/1	0.92	0.20	49,49,49,49	0
86	MG	1	3716	1/1	0.92	0.09	45,45,45,45	0
86	MG	1	3718	1/1	0.92	0.15	39,39,39,39	0
86	MG	4	202	1/1	0.92	0.28	50,50,50,50	0
87	OHX	1	4066	7/7	0.92	0.18	102,102,102,102	0
87	OHX	O3	202	7/7	0.92	0.19	103,103,103,103	0
86	MG	1	3412	1/1	0.92	0.25	37,37,37,37	0
87	OHX	6	2078	7/7	0.92	0.16	99,99,99,99	0
87	OHX	6	2092	7/7	0.92	0.18	108,108,108,108	0
86	MG	6	1929	1/1	0.92	0.28	48,48,48,48	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	6	2026	1/1	0.92	0.12	73,73,73,73	0
87	OHX	6	2118	7/7	0.92	0.14	115,115,115,115	0
87	OHX	1	4070	7/7	0.92	0.14	117,117,117,117	0
86	MG	4	204	1/1	0.92	0.29	47,47,47,47	0
87	OHX	1	4075	7/7	0.92	0.15	110,110,110,110	0
86	MG	1	3722	1/1	0.92	0.29	44,44,44,44	0
87	OHX	6	2135	7/7	0.92	0.14	111,111,111,111	0
87	OHX	6	2136	7/7	0.92	0.13	127,127,127,127	0
87	OHX	1	4077	7/7	0.92	0.20	108,108,108,108	0
87	OHX	6	2138	7/7	0.92	0.17	109,109,109,109	0
87	OHX	6	2139	7/7	0.92	0.14	109,109,109,109	0
87	OHX	1	4079	7/7	0.92	0.17	112,112,112,112	0
86	MG	4	207	1/1	0.92	0.28	34,34,34,34	0
86	MG	5	3506	1/1	0.92	0.23	45,45,45,45	0
87	OHX	6	2146	7/7	0.92	0.16	119,119,119,119	0
87	OHX	6	2147	7/7	0.92	0.14	119,119,119,119	0
86	MG	5	4254	1/1	0.92	0.14	35,35,35,35	0
86	MG	5	4258	1/1	0.92	0.21	33,33,33,33	0
86	MG	1	3802	1/1	0.92	0.14	54,54,54,54	0
86	MG	7	202	1/1	0.92	0.18	26,26,26,26	0
86	MG	5	3515	1/1	0.92	0.29	26,26,26,26	0
86	MG	1	3655	1/1	0.92	0.12	28,28,28,28	0
86	MG	1	3556	1/1	0.92	0.34	26,26,26,26	0
86	MG	1	3617	1/1	0.92	0.11	33,33,33,33	0
86	MG	5	3519	1/1	0.92	0.33	23,23,23,23	0
87	OHX	6	2159	7/7	0.92	0.14	120,120,120,120	0
87	OHX	1	4096	7/7	0.92	0.13	127,127,127,127	0
86	MG	1	3730	1/1	0.92	0.25	32,32,32,32	0
87	OHX	1	4098	7/7	0.92	0.21	100,100,100,100	0
86	MG	1	3444	1/1	0.92	0.35	57,57,57,57	0
86	MG	2	1927	1/1	0.92	0.47	49,49,49,49	0
86	MG	1	3402	1/1	0.92	0.34	46,46,46,46	0
86	MG	6	1943	1/1	0.92	0.31	38,38,38,38	0
86	MG	5	3712	1/1	0.92	0.13	44,44,44,44	0
86	MG	1	3622	1/1	0.92	0.06	34,34,34,34	0
86	MG	6	1946	1/1	0.92	0.37	55,55,55,55	0
87	OHX	1	4108	7/7	0.92	0.14	113,113,113,113	0
86	MG	5	3716	1/1	0.92	0.09	41,41,41,41	0
87	OHX	6	2172	7/7	0.92	0.19	101,101,101,101	0
86	MG	5	3531	1/1	0.92	0.25	26,26,26,26	0
86	MG	5	3718	1/1	0.92	0.21	51,51,51,51	0
86	MG	1	3624	1/1	0.92	0.21	44,44,44,44	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3535	1/1	0.92	0.16	44,44,44,44	0
86	MG	6	2206	1/1	0.92	0.20	46,46,46,46	0
86	MG	15	302	1/1	0.92	0.25	56,56,56,56	0
86	MG	c1	201	1/1	0.92	0.12	42,42,42,42	0
86	MG	18	301	1/1	0.92	0.32	62,62,62,62	0
86	MG	1	3829	1/1	0.92	0.24	28,28,28,28	0
86	MG	1	3431	1/1	0.92	0.34	42,42,42,42	0
86	MG	5	3731	1/1	0.92	0.23	24,24,24,24	0
86	MG	1	3566	1/1	0.92	0.23	32,32,32,32	0
87	OHX	8	226	7/7	0.92	0.13	129,129,129,129	0
87	OHX	1	4124	7/7	0.92	0.14	128,128,128,128	0
86	MG	n0	201	1/1	0.92	0.14	38,38,38,38	0
86	MG	n0	202	1/1	0.92	0.13	37,37,37,37	0
86	MG	L7	301	1/1	0.92	0.13	37,37,37,37	0
86	MG	1	3835	1/1	0.92	0.28	32,32,32,32	0
86	MG	5	3550	1/1	0.92	0.37	37,37,37,37	0
86	MG	M1	201	1/1	0.92	0.24	68,68,68,68	0
87	OHX	15	304	7/7	0.92	0.16	121,121,121,121	0
86	MG	5	3552	1/1	0.92	0.31	26,26,26,26	0
86	MG	1	3569	1/1	0.92	0.22	23,23,23,23	0
86	MG	6	1959	1/1	0.92	0.34	51,51,51,51	0
86	MG	5	3409	1/1	0.92	0.27	40,40,40,40	0
86	MG	5	3558	1/1	0.92	0.31	23,23,23,23	0
86	MG	2	1906	1/1	0.92	0.25	45,45,45,45	0
86	MG	5	3754	1/1	0.92	0.25	39,39,39,39	0
86	MG	5	3411	1/1	0.92	0.22	33,33,33,33	0
87	OHX	2	2066	7/7	0.92	0.12	127,127,127,127	0
87	OHX	2	2067	7/7	0.92	0.11	140,140,140,140	0
87	OHX	2	2077	7/7	0.92	0.14	116,116,116,116	0
86	MG	5	3801	1/1	0.93	0.13	37,37,37,37	0
86	MG	1	3699	1/1	0.93	0.24	35,35,35,35	0
86	MG	1	3599	1/1	0.93	0.33	38,38,38,38	0
86	MG	1	3513	1/1	0.93	0.31	21,21,21,21	0
86	MG	5	3806	1/1	0.93	0.10	30,30,30,30	0
86	MG	2	1946	1/1	0.93	0.14	52,52,52,52	0
86	MG	1	3483	1/1	0.93	0.08	36,36,36,36	0
86	MG	5	3810	1/1	0.93	0.11	64,64,64,64	0
87	OHX	5	4064	7/7	0.93	0.13	115,115,115,115	0
86	MG	6	1953	1/1	0.93	0.38	57,57,57,57	0
87	OHX	5	4073	7/7	0.93	0.17	108,108,108,108	0
86	MG	5	3640	1/1	0.93	0.16	45,45,45,45	0
87	OHX	5	4083	7/7	0.93	0.18	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3517	1/1	0.93	0.28	28,28,28,28	0
87	OHX	5	4086	7/7	0.93	0.16	106,106,106,106	0
86	MG	M7	205	1/1	0.93	0.12	35,35,35,35	0
86	MG	1	3415	1/1	0.93	0.07	43,43,43,43	0
86	MG	1	3487	1/1	0.93	0.21	30,30,30,30	0
87	OHX	2	2140	7/7	0.93	0.11	142,142,142,142	0
86	MG	1	3557	1/1	0.93	0.35	36,36,36,36	0
87	OHX	5	4097	7/7	0.93	0.16	106,106,106,106	0
86	MG	5	3495	1/1	0.93	0.10	32,32,32,32	0
86	MG	5	3496	1/1	0.93	0.26	23,23,23,23	0
87	OHX	5	4100	7/7	0.93	0.14	112,112,112,112	0
86	MG	1	3710	1/1	0.93	0.05	30,30,30,30	0
87	OHX	5	4102	7/7	0.93	0.19	92,92,92,92	0
87	OHX	5	4104	7/7	0.93	0.15	119,119,119,119	0
86	MG	5	3831	1/1	0.93	0.17	65,65,65,65	0
87	OHX	5	4106	7/7	0.93	0.17	99,99,99,99	0
87	OHX	5	4107	7/7	0.93	0.15	108,108,108,108	0
86	MG	5	3834	1/1	0.93	0.08	41,41,41,41	0
86	MG	5	3498	1/1	0.93	0.25	32,32,32,32	0
87	OHX	5	4110	7/7	0.93	0.23	92,92,92,92	0
86	MG	1	3616	1/1	0.93	0.25	34,34,34,34	0
87	OHX	5	4112	7/7	0.93	0.17	112,112,112,112	0
86	MG	5	3837	1/1	0.93	0.15	56,56,56,56	0
86	MG	1	3712	1/1	0.93	0.08	46,46,46,46	0
87	OHX	5	4117	7/7	0.93	0.20	94,94,94,94	0
87	OHX	5	4118	7/7	0.93	0.14	106,106,106,106	0
86	MG	5	3840	1/1	0.93	0.07	55,55,55,55	0
86	MG	s6	301	1/1	0.93	0.39	65,65,65,65	0
86	MG	5	3846	1/1	0.93	0.10	28,28,28,28	0
86	MG	1	3520	1/1	0.93	0.20	26,26,26,26	0
86	MG	1	3714	1/1	0.93	0.08	28,28,28,28	0
87	OHX	5	4125	7/7	0.93	0.12	133,133,133,133	0
86	MG	5	3852	1/1	0.93	0.09	65,65,65,65	0
86	MG	5	3659	1/1	0.93	0.11	42,42,42,42	0
86	MG	1	3657	1/1	0.93	0.17	29,29,29,29	0
86	MG	1	3559	1/1	0.93	0.28	49,49,49,49	0
87	OHX	5	4133	7/7	0.93	0.16	110,110,110,110	0
86	MG	5	3858	1/1	0.93	0.15	43,43,43,43	0
86	MG	c8	201	1/1	0.93	0.27	59,59,59,59	0
87	OHX	5	4136	7/7	0.93	0.13	120,120,120,120	0
86	MG	5	3508	1/1	0.93	0.36	34,34,34,34	0
86	MG	5	3666	1/1	0.93	0.17	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3862	1/1	0.93	0.11	51,51,51,51	0
86	MG	5	3511	1/1	0.93	0.32	26,26,26,26	0
87	OHX	2	2167	7/7	0.93	0.19	108,108,108,108	0
86	MG	c8	202	1/1	0.93	0.20	61,61,61,61	0
86	MG	1	3717	1/1	0.93	0.21	62,62,62,62	0
86	MG	1	3466	1/1	0.93	0.20	44,44,44,44	0
87	OHX	5	4146	7/7	0.93	0.17	108,108,108,108	0
86	MG	sM	302	1/1	0.93	0.16	35,35,35,35	0
86	MG	5	3680	1/1	0.93	0.21	39,39,39,39	0
86	MG	1	3663	1/1	0.93	0.12	41,41,41,41	0
86	MG	1	3665	1/1	0.93	0.16	43,43,43,43	0
86	MG	1	3723	1/1	0.93	0.12	48,48,48,48	0
86	MG	5	3874	1/1	0.93	0.35	48,48,48,48	0
86	MG	2	1916	1/1	0.93	0.25	48,48,48,48	0
86	MG	5	3523	1/1	0.93	0.23	26,26,26,26	0
86	MG	5	3690	1/1	0.93	0.16	35,35,35,35	0
86	MG	6	1903	1/1	0.93	0.31	43,43,43,43	0
86	MG	5	3880	1/1	0.93	0.24	21,21,21,21	0
86	MG	5	3881	1/1	0.93	0.24	29,29,29,29	0
87	OHX	1	3951	7/7	0.93	0.13	95,95,95,95	0
86	MG	6	1976	1/1	0.93	0.20	52,52,52,52	0
87	OHX	1	3965	7/7	0.93	0.11	104,104,104,104	0
87	OHX	1	3995	7/7	0.93	0.18	91,91,91,91	0
87	OHX	1	3996	7/7	0.93	0.12	147,147,147,147	0
87	OHX	4	231	7/7	0.93	0.11	133,133,133,133	0
86	MG	5	3694	1/1	0.93	0.10	40,40,40,40	0
86	MG	2	2011	1/1	0.93	0.27	48,48,48,48	0
87	OHX	1	4003	7/7	0.93	0.15	97,97,97,97	0
86	MG	5	3696	1/1	0.93	0.08	40,40,40,40	0
87	OHX	5	4170	7/7	0.93	0.09	164,164,164,164	0
86	MG	6	1905	1/1	0.93	0.18	53,53,53,53	0
86	MG	6	1906	1/1	0.93	0.28	44,44,44,44	0
87	OHX	M0	303	7/7	0.93	0.16	101,101,101,101	0
86	MG	1	3453	1/1	0.93	0.28	35,35,35,35	0
87	OHX	1	4031	7/7	0.93	0.15	112,112,112,112	0
86	MG	5	3419	1/1	0.93	0.12	27,27,27,27	0
87	OHX	1	4045	7/7	0.93	0.17	101,101,101,101	0
86	MG	6	1908	1/1	0.93	0.25	44,44,44,44	0
87	OHX	5	4180	7/7	0.93	0.10	141,141,141,141	0
86	MG	2	1956	1/1	0.93	0.38	56,56,56,56	0
86	MG	1	3801	1/1	0.93	0.13	52,52,52,52	0
87	OHX	6	2096	7/7	0.93	0.13	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3544	1/1	0.93	0.22	25,25,25,25	0
86	MG	5	3423	1/1	0.93	0.14	36,36,36,36	0
87	OHX	6	2113	7/7	0.93	0.14	110,110,110,110	0
86	MG	5	3546	1/1	0.93	0.16	28,28,28,28	0
87	OHX	6	2122	7/7	0.93	0.16	100,100,100,100	0
87	OHX	6	2123	7/7	0.93	0.12	124,124,124,124	0
86	MG	6	1911	1/1	0.93	0.20	41,41,41,41	0
86	MG	2	2002	1/1	0.93	0.14	74,74,74,74	0
87	OHX	1	4071	7/7	0.93	0.14	125,125,125,125	0
87	OHX	6	2132	7/7	0.93	0.12	129,129,129,129	0
87	OHX	5	4194	7/7	0.93	0.11	151,151,151,151	0
86	MG	7	203	1/1	0.93	0.22	45,45,45,45	0
86	MG	6	1990	1/1	0.93	0.08	37,37,37,37	0
86	MG	5	3427	1/1	0.93	0.21	34,34,34,34	0
86	MG	1	3628	1/1	0.93	0.07	37,37,37,37	0
86	MG	1	3498	1/1	0.93	0.27	22,22,22,22	0
86	MG	5	3553	1/1	0.93	0.21	40,40,40,40	0
86	MG	6	1994	1/1	0.93	0.06	46,46,46,46	0
86	MG	5	3720	1/1	0.93	0.20	44,44,44,44	0
87	OHX	6	2144	7/7	0.93	0.13	124,124,124,124	0
87	OHX	5	4208	7/7	0.93	0.11	135,135,135,135	0
86	MG	1	3806	1/1	0.93	0.10	44,44,44,44	0
86	MG	1	3810	1/1	0.93	0.08	33,33,33,33	0
86	MG	1	3678	1/1	0.93	0.18	43,43,43,43	0
86	MG	5	3559	1/1	0.93	0.11	45,45,45,45	0
86	MG	8	203	1/1	0.93	0.34	47,47,47,47	0
87	OHX	5	4214	7/7	0.93	0.08	177,177,177,177	0
86	MG	5	3438	1/1	0.93	0.28	45,45,45,45	0
86	MG	8	206	1/1	0.93	0.09	46,46,46,46	0
86	MG	5	3564	1/1	0.93	0.39	33,33,33,33	0
86	MG	4	206	1/1	0.93	0.28	46,46,46,46	0
86	MG	1	3813	1/1	0.93	0.31	53,53,53,53	0
86	MG	4	208	1/1	0.93	0.15	39,39,39,39	0
86	MG	1	3532	1/1	0.93	0.22	21,21,21,21	0
86	MG	5	3446	1/1	0.93	0.09	27,27,27,27	0
86	MG	5	3572	1/1	0.93	0.33	20,20,20,20	0
86	MG	4	210	1/1	0.93	0.07	43,43,43,43	0
86	MG	5	3574	1/1	0.93	0.27	28,28,28,28	0
86	MG	1	3537	1/1	0.93	0.37	51,51,51,51	0
87	OHX	1	4106	7/7	0.93	0.15	101,101,101,101	0
86	MG	5	3578	1/1	0.93	0.20	29,29,29,29	0
86	MG	m1	202	1/1	0.93	0.20	52,52,52,52	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3451	1/1	0.93	0.23	55,55,55,55	0
86	MG	5	3748	1/1	0.93	0.10	56,56,56,56	0
86	MG	1	3685	1/1	0.93	0.19	51,51,51,51	0
86	MG	1	3817	1/1	0.93	0.08	52,52,52,52	0
86	MG	1	3743	1/1	0.93	0.10	37,37,37,37	0
86	MG	5	3588	1/1	0.93	0.25	23,23,23,23	0
86	MG	1	3745	1/1	0.93	0.19	26,26,26,26	0
87	OHX	1	4117	7/7	0.93	0.16	112,112,112,112	0
86	MG	5	3460	1/1	0.93	0.16	60,60,60,60	0
86	MG	1	3499	1/1	0.93	0.38	66,66,66,66	0
86	MG	5	3462	1/1	0.93	0.07	28,28,28,28	0
86	MG	1	3826	1/1	0.93	0.21	44,44,44,44	0
86	MG	5	3598	1/1	0.93	0.27	27,27,27,27	0
86	MG	5	3464	1/1	0.93	0.27	26,26,26,26	0
86	MG	5	3774	1/1	0.93	0.17	28,28,28,28	0
86	MG	1	3425	1/1	0.93	0.14	26,26,26,26	0
86	MG	5	3777	1/1	0.93	0.11	26,26,26,26	0
86	MG	6	2017	1/1	0.93	0.10	39,39,39,39	0
86	MG	1	3411	1/1	0.93	0.16	35,35,35,35	0
86	MG	1	3504	1/1	0.93	0.38	36,36,36,36	0
87	OHX	2	2074	7/7	0.93	0.13	126,126,126,126	0
87	OHX	7	222	7/7	0.93	0.13	114,114,114,114	0
87	OHX	7	223	7/7	0.93	0.16	109,109,109,109	0
87	OHX	7	224	7/7	0.93	0.16	102,102,102,102	0
86	MG	5	3610	1/1	0.93	0.25	23,23,23,23	0
87	OHX	2	2078	7/7	0.93	0.17	112,112,112,112	0
87	OHX	2	2080	7/7	0.93	0.13	121,121,121,121	0
87	OHX	8	223	7/7	0.93	0.15	113,113,113,113	0
86	MG	5	3613	1/1	0.93	0.14	30,30,30,30	0
87	OHX	2	2087	7/7	0.93	0.14	114,114,114,114	0
87	OHX	1	4136	7/7	0.93	0.16	97,97,97,97	0
86	MG	1	3588	1/1	0.93	0.26	30,30,30,30	0
87	OHX	2	2091	7/7	0.93	0.20	103,103,103,103	0
86	MG	5	3785	1/1	0.93	0.21	56,56,56,56	0
86	MG	1	3754	1/1	0.93	0.17	21,21,21,21	0
87	OHX	2	2100	7/7	0.93	0.12	126,126,126,126	0
86	MG	1	3694	1/1	0.93	0.20	34,34,34,34	0
87	OHX	2	2104	7/7	0.93	0.16	105,105,105,105	0
86	MG	1	3458	1/1	0.93	0.30	55,55,55,55	0
87	OHX	2	2109	7/7	0.93	0.13	126,126,126,126	0
86	MG	5	3474	1/1	0.93	0.07	27,27,27,27	0
86	MG	5	3792	1/1	0.93	0.12	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	2	1950	1/1	0.93	0.32	66,66,66,66	0
86	MG	5	3476	1/1	0.93	0.24	45,45,45,45	0
86	MG	1	3508	1/1	0.93	0.30	22,22,22,22	0
86	MG	5	3478	1/1	0.93	0.29	30,30,30,30	0
86	MG	1	3509	1/1	0.93	0.27	42,42,42,42	0
86	MG	5	3799	1/1	0.93	0.13	41,41,41,41	0
87	OHX	1	4154	7/7	0.93	0.16	114,114,114,114	0
87	OHX	sR	401	7/7	0.93	0.11	145,145,145,145	0
87	OHX	5	4077	7/7	0.94	0.14	109,109,109,109	0
87	OHX	5	4080	7/7	0.94	0.17	112,112,112,112	0
87	OHX	5	4081	7/7	0.94	0.12	107,107,107,107	0
86	MG	1	3540	1/1	0.94	0.23	22,22,22,22	0
86	MG	5	3665	1/1	0.94	0.17	57,57,57,57	0
87	OHX	1	3979	7/7	0.94	0.15	101,101,101,101	0
87	OHX	1	3987	7/7	0.94	0.13	107,107,107,107	0
86	MG	1	3828	1/1	0.94	0.19	36,36,36,36	0
87	OHX	5	4091	7/7	0.94	0.17	100,100,100,100	0
86	MG	4	219	1/1	0.94	0.09	36,36,36,36	0
86	MG	5	3800	1/1	0.94	0.16	66,66,66,66	0
86	MG	1	3475	1/1	0.94	0.17	25,25,25,25	0
87	OHX	1	4001	7/7	0.94	0.17	87,87,87,87	0
86	MG	5	3673	1/1	0.94	0.36	50,50,50,50	0
87	OHX	1	4004	7/7	0.94	0.14	110,110,110,110	0
87	OHX	1	4006	7/7	0.94	0.17	90,90,90,90	0
87	OHX	1	4008	7/7	0.94	0.15	112,112,112,112	0
87	OHX	1	4193	7/7	0.94	0.10	161,161,161,161	0
87	OHX	5	4103	7/7	0.94	0.11	129,129,129,129	0
87	OHX	1	4009	7/7	0.94	0.12	117,117,117,117	0
87	OHX	1	4010	7/7	0.94	0.13	117,117,117,117	0
86	MG	1	3830	1/1	0.94	0.26	17,17,17,17	0
87	OHX	1	4013	7/7	0.94	0.17	108,108,108,108	0
87	OHX	1	4015	7/7	0.94	0.14	102,102,102,102	0
86	MG	1	3503	1/1	0.94	0.22	21,21,21,21	0
87	OHX	1	4017	7/7	0.94	0.14	109,109,109,109	0
87	OHX	1	4018	7/7	0.94	0.12	115,115,115,115	0
86	MG	5	3678	1/1	0.94	0.08	36,36,36,36	0
87	OHX	5	4113	7/7	0.94	0.21	92,92,92,92	0
87	OHX	5	4114	7/7	0.94	0.17	105,105,105,105	0
87	OHX	1	4023	7/7	0.94	0.11	122,122,122,122	0
87	OHX	1	4025	7/7	0.94	0.12	115,115,115,115	0
86	MG	1	3832	1/1	0.94	0.22	29,29,29,29	0
87	OHX	1	4028	7/7	0.94	0.13	117,117,117,117	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	MG	1	3833	1/1	0.94	0.17	35,35,35,35	0
86	MG	1	3403	1/1	0.94	0.23	32,32,32,32	0
87	OHX	1	4036	7/7	0.94	0.11	128,128,128,128	0
87	OHX	5	4122	7/7	0.94	0.14	122,122,122,122	0
87	OHX	1	4038	7/7	0.94	0.15	104,104,104,104	0
87	OHX	1	4041	7/7	0.94	0.13	100,100,100,100	0
86	MG	5	3682	1/1	0.94	0.09	32,32,32,32	0
87	OHX	5	4126	7/7	0.94	0.12	126,126,126,126	0
87	OHX	1	4046	7/7	0.94	0.15	102,102,102,102	0
87	OHX	1	4049	7/7	0.94	0.17	102,102,102,102	0
87	OHX	1	4050	7/7	0.94	0.15	105,105,105,105	0
87	OHX	1	4051	7/7	0.94	0.12	121,121,121,121	0
87	OHX	1	4054	7/7	0.94	0.20	95,95,95,95	0
87	OHX	1	4057	7/7	0.94	0.17	105,105,105,105	0
87	OHX	1	4059	7/7	0.94	0.13	116,116,116,116	0
87	OHX	4	229	7/7	0.94	0.17	94,94,94,94	0
87	OHX	1	4060	7/7	0.94	0.10	135,135,135,135	0
86	MG	1	3404	1/1	0.94	0.34	50,50,50,50	0
86	MG	1	3641	1/1	0.94	0.12	35,35,35,35	0
86	MG	5	3686	1/1	0.94	0.17	46,46,46,46	0
86	MG	5	3465	1/1	0.94	0.19	48,48,48,48	0
87	OHX	L3	405	7/7	0.94	0.14	100,100,100,100	0
86	MG	2	1986	1/1	0.94	0.31	71,71,71,71	0
86	MG	5	3689	1/1	0.94	0.19	39,39,39,39	0
86	MG	1	3417	1/1	0.94	0.23	37,37,37,37	0
86	MG	M5	301	1/1	0.94	0.17	26,26,26,26	0
86	MG	5	3692	1/1	0.94	0.24	35,35,35,35	0
87	OHX	2	2039	7/7	0.94	0.14	96,96,96,96	0
87	OHX	1	4073	7/7	0.94	0.13	113,113,113,113	0
87	OHX	1	4074	7/7	0.94	0.15	111,111,111,111	0
86	MG	5	3830	1/1	0.94	0.18	42,42,42,42	0
86	MG	1	3436	1/1	0.94	0.26	38,38,38,38	0
86	MG	5	3833	1/1	0.94	0.12	64,64,64,64	0
87	OHX	6	2101	7/7	0.94	0.12	143,143,143,143	0
87	OHX	1	4078	7/7	0.94	0.16	105,105,105,105	0
86	MG	1	3595	1/1	0.94	0.27	25,25,25,25	0
86	MG	1	3705	1/1	0.94	0.21	57,57,57,57	0
87	OHX	6	2115	7/7	0.94	0.13	111,111,111,111	0
87	OHX	6	2117	7/7	0.94	0.12	112,112,112,112	0
87	OHX	2	2079	7/7	0.94	0.10	139,139,139,139	0
86	MG	5	3570	1/1	0.94	0.29	29,29,29,29	0
86	MG	6	2037	1/1	0.94	0.23	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2124	7/7	0.94	0.12	126,126,126,126	0
86	MG	1	3596	1/1	0.94	0.27	28,28,28,28	0
87	OHX	1	4086	7/7	0.94	0.14	113,113,113,113	0
86	MG	1	3597	1/1	0.94	0.26	19,19,19,19	0
87	OHX	6	2129	7/7	0.94	0.12	117,117,117,117	0
87	OHX	6	2130	7/7	0.94	0.12	124,124,124,124	0
87	OHX	1	4088	7/7	0.94	0.21	89,89,89,89	0
87	OHX	6	2133	7/7	0.94	0.15	110,110,110,110	0
86	MG	1	3846	1/1	0.94	0.19	45,45,45,45	0
86	MG	1	3598	1/1	0.94	0.28	26,26,26,26	0
86	MG	5	3702	1/1	0.94	0.12	52,52,52,52	0
87	OHX	1	4093	7/7	0.94	0.11	125,125,125,125	0
86	MG	1	3511	1/1	0.94	0.19	27,27,27,27	0
86	MG	1	3601	1/1	0.94	0.22	30,30,30,30	0
87	OHX	2	2103	7/7	0.94	0.09	185,185,185,185	0
86	MG	1	3605	1/1	0.94	0.23	30,30,30,30	0
87	OHX	6	2142	7/7	0.94	0.10	140,140,140,140	0
87	OHX	2	2106	7/7	0.94	0.14	106,106,106,106	0
86	MG	2	1925	1/1	0.94	0.35	63,63,63,63	0
86	MG	1	3514	1/1	0.94	0.32	31,31,31,31	0
86	MG	5	3585	1/1	0.94	0.35	34,34,34,34	0
87	OHX	2	2113	7/7	0.94	0.12	137,137,137,137	0
86	MG	2	1999	1/1	0.94	0.17	66,66,66,66	0
86	MG	5	3589	1/1	0.94	0.16	62,62,62,62	0
87	OHX	1	4105	7/7	0.94	0.10	130,130,130,130	0
86	MG	1	3486	1/1	0.94	0.29	39,39,39,39	0
86	MG	1	3460	1/1	0.94	0.19	21,21,21,21	0
86	MG	N8	203	1/1	0.94	0.09	44,44,44,44	0
87	OHX	6	2156	7/7	0.94	0.15	104,104,104,104	0
87	OHX	2	2120	7/7	0.94	0.11	128,128,128,128	0
86	MG	1	3661	1/1	0.94	0.07	26,26,26,26	0
86	MG	5	3594	1/1	0.94	0.31	30,30,30,30	0
86	MG	O1	201	1/1	0.94	0.23	59,59,59,59	0
86	MG	5	3596	1/1	0.94	0.34	35,35,35,35	0
87	OHX	1	4114	7/7	0.94	0.17	108,108,108,108	0
86	MG	1	3784	1/1	0.94	0.21	47,47,47,47	0
86	MG	1	3409	1/1	0.94	0.25	34,34,34,34	0
86	MG	1	3613	1/1	0.94	0.10	42,42,42,42	0
87	OHX	2	2130	7/7	0.94	0.15	115,115,115,115	0
86	MG	1	3788	1/1	0.94	0.13	61,61,61,61	0
86	MG	5	3604	1/1	0.94	0.16	37,37,37,37	0
86	MG	1	3489	1/1	0.94	0.18	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3405	1/1	0.94	0.20	22,22,22,22	0
86	MG	5	3406	1/1	0.94	0.20	30,30,30,30	0
86	MG	1	3668	1/1	0.94	0.10	48,48,48,48	0
86	MG	1	3441	1/1	0.94	0.12	35,35,35,35	0
87	OHX	5	4216	7/7	0.94	0.14	96,96,96,96	0
86	MG	1	3792	1/1	0.94	0.33	37,37,37,37	0
86	MG	5	3882	1/1	0.94	0.20	33,33,33,33	0
86	MG	5	3883	1/1	0.94	0.18	47,47,47,47	0
86	MG	1	3491	1/1	0.94	0.19	24,24,24,24	0
86	MG	5	3885	1/1	0.94	0.22	23,23,23,23	0
87	OHX	2	2143	7/7	0.94	0.10	142,142,142,142	0
86	MG	1	3560	1/1	0.94	0.22	22,22,22,22	0
86	MG	1	3795	1/1	0.94	0.22	24,24,24,24	0
86	MG	5	3743	1/1	0.94	0.16	36,36,36,36	0
86	MG	1	3442	1/1	0.94	0.25	22,22,22,22	0
86	MG	1	3562	1/1	0.94	0.31	31,31,31,31	0
86	MG	5	3894	1/1	0.94	0.20	53,53,53,53	0
86	MG	1	3798	1/1	0.94	0.10	88,88,88,88	0
86	MG	1	3563	1/1	0.94	0.32	25,25,25,25	0
86	MG	5	3750	1/1	0.94	0.15	51,51,51,51	0
86	MG	1	3734	1/1	0.94	0.26	37,37,37,37	0
86	MG	6	1991	1/1	0.94	0.11	64,64,64,64	0
86	MG	1	3803	1/1	0.94	0.14	30,30,30,30	0
86	MG	6	1915	1/1	0.94	0.17	59,59,59,59	0
86	MG	5	4256	1/1	0.94	0.29	29,29,29,29	0
86	MG	1	3623	1/1	0.94	0.18	43,43,43,43	0
86	MG	1	3421	1/1	0.94	0.31	36,36,36,36	0
86	MG	1	3524	1/1	0.94	0.21	25,25,25,25	0
86	MG	5	3429	1/1	0.94	0.23	23,23,23,23	0
86	MG	1	3738	1/1	0.94	0.09	52,52,52,52	0
86	MG	1	3424	1/1	0.94	0.18	41,41,41,41	0
86	MG	5	3526	1/1	0.94	0.32	26,26,26,26	0
86	MG	1	3740	1/1	0.94	0.28	57,57,57,57	0
86	MG	1	3495	1/1	0.94	0.13	41,41,41,41	0
86	MG	2	1903	1/1	0.94	0.25	40,40,40,40	0
86	MG	1	3746	1/1	0.94	0.14	33,33,33,33	0
87	OHX	2	2169	7/7	0.94	0.13	121,121,121,121	0
86	MG	5	3532	1/1	0.94	0.28	23,23,23,23	0
86	MG	5	3781	1/1	0.94	0.19	44,44,44,44	0
86	MG	2	1996	1/1	0.94	0.12	67,67,67,67	0
87	OHX	c1	202	7/7	0.94	0.13	117,117,117,117	0
86	MG	S4	301	1/1	0.94	0.19	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3536	1/1	0.94	0.27	33,33,33,33	0
86	MG	1	3534	1/1	0.94	0.08	27,27,27,27	0
87	OHX	d9	102	7/7	0.94	0.12	124,124,124,124	0
86	MG	5	3442	1/1	0.94	0.21	36,36,36,36	0
87	OHX	8	220	7/7	0.94	0.17	105,105,105,105	0
87	OHX	8	221	7/7	0.94	0.12	115,115,115,115	0
86	MG	5	3540	1/1	0.94	0.28	36,36,36,36	0
87	OHX	5	4000	7/7	0.94	0.13	102,102,102,102	0
86	MG	1	3822	1/1	0.94	0.09	38,38,38,38	0
87	OHX	5	4027	7/7	0.94	0.17	91,91,91,91	0
86	MG	8	210	1/1	0.94	0.12	56,56,56,56	0
87	OHX	5	4031	7/7	0.94	0.15	105,105,105,105	0
87	OHX	5	4033	7/7	0.94	0.16	99,99,99,99	0
87	OHX	5	4036	7/7	0.94	0.12	110,110,110,110	0
86	MG	5	3660	1/1	0.94	0.22	31,31,31,31	0
86	MG	6	1931	1/1	0.94	0.27	53,53,53,53	0
86	MG	8	213	1/1	0.94	0.30	26,26,26,26	0
87	OHX	5	4049	7/7	0.94	0.13	108,108,108,108	0
86	MG	6	1932	1/1	0.94	0.20	38,38,38,38	0
87	OHX	5	4055	7/7	0.94	0.15	100,100,100,100	0
87	OHX	m0	301	7/7	0.94	0.13	116,116,116,116	0
87	OHX	5	4058	7/7	0.94	0.12	115,115,115,115	0
87	OHX	5	4062	7/7	0.94	0.16	95,95,95,95	0
87	OHX	D9	102	7/7	0.94	0.13	120,120,120,120	0
87	OHX	1	3908	7/7	0.94	0.18	80,80,80,80	0
87	OHX	5	4070	7/7	0.94	0.12	119,119,119,119	0
87	OHX	1	3945	7/7	0.94	0.12	82,82,82,82	0
86	MG	1	3451	1/1	0.94	0.21	29,29,29,29	0
88	ZN	Q2	501	1/1	0.94	0.23	75,75,75,75	0
87	OHX	5	4075	7/7	0.94	0.14	107,107,107,107	0
87	OHX	1	3952	7/7	0.94	0.14	92,92,92,92	0
86	MG	5	3650	1/1	0.95	0.26	45,45,45,45	0
87	OHX	5	4074	7/7	0.95	0.12	104,104,104,104	0
86	MG	1	3525	1/1	0.95	0.14	28,28,28,28	0
87	OHX	1	4005	7/7	0.95	0.12	101,101,101,101	0
86	MG	6	2009	1/1	0.95	0.16	45,45,45,45	0
87	OHX	5	4078	7/7	0.95	0.09	147,147,147,147	0
87	OHX	1	4007	7/7	0.95	0.12	100,100,100,100	0
86	MG	5	3788	1/1	0.95	0.14	41,41,41,41	0
87	OHX	5	4082	7/7	0.95	0.14	97,97,97,97	0
86	MG	5	3789	1/1	0.95	0.15	45,45,45,45	0
87	OHX	5	4084	7/7	0.95	0.13	104,104,104,104	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3808	1/1	0.95	0.10	30,30,30,30	0
86	MG	1	3480	1/1	0.95	0.32	36,36,36,36	0
87	OHX	1	4012	7/7	0.95	0.10	118,118,118,118	0
87	OHX	5	4088	7/7	0.95	0.16	99,99,99,99	0
86	MG	5	3436	1/1	0.95	0.18	27,27,27,27	0
87	OHX	5	4090	7/7	0.95	0.17	88,88,88,88	0
86	MG	m5	301	1/1	0.95	0.11	37,37,37,37	0
86	MG	1	3811	1/1	0.95	0.08	45,45,45,45	0
87	OHX	5	4094	7/7	0.95	0.12	112,112,112,112	0
86	MG	6	2013	1/1	0.95	0.11	57,57,57,57	0
86	MG	m7	203	1/1	0.95	0.09	44,44,44,44	0
86	MG	1	3472	1/1	0.95	0.21	23,23,23,23	0
87	OHX	1	4021	7/7	0.95	0.14	100,100,100,100	0
87	OHX	1	4022	7/7	0.95	0.11	123,123,123,123	0
86	MG	6	2015	1/1	0.95	0.12	41,41,41,41	0
86	MG	1	3863	1/1	0.95	0.07	25,25,25,25	0
86	MG	1	4219	1/1	0.95	0.05	41,41,41,41	0
86	MG	n3	202	1/1	0.95	0.06	37,37,37,37	0
87	OHX	1	4029	7/7	0.95	0.11	118,118,118,118	0
87	OHX	1	4030	7/7	0.95	0.14	98,98,98,98	0
86	MG	5	3444	1/1	0.95	0.20	31,31,31,31	0
86	MG	1	3567	1/1	0.95	0.41	34,34,34,34	0
86	MG	6	1945	1/1	0.95	0.38	49,49,49,49	0
87	OHX	3	220	7/7	0.95	0.12	113,113,113,113	0
86	MG	1	3568	1/1	0.95	0.26	22,22,22,22	0
87	OHX	1	4039	7/7	0.95	0.15	99,99,99,99	0
86	MG	6	2021	1/1	0.95	0.14	76,76,76,76	0
87	OHX	1	4042	7/7	0.95	0.18	87,87,87,87	0
86	MG	5	3669	1/1	0.95	0.07	23,23,23,23	0
86	MG	5	3670	1/1	0.95	0.11	33,33,33,33	0
87	OHX	4	230	7/7	0.95	0.11	110,110,110,110	0
86	MG	o3	201	1/1	0.95	0.14	29,29,29,29	0
87	OHX	4	232	7/7	0.95	0.11	124,124,124,124	0
86	MG	1	3765	1/1	0.95	0.08	32,32,32,32	0
86	MG	5	3672	1/1	0.95	0.09	31,31,31,31	0
87	OHX	1	4053	7/7	0.95	0.12	119,119,119,119	0
86	MG	o7	101	1/1	0.95	0.09	40,40,40,40	0
86	MG	q0	202	1/1	0.95	0.09	38,38,38,38	0
87	OHX	1	4058	7/7	0.95	0.09	143,143,143,143	0
86	MG	3	204	1/1	0.95	0.36	48,48,48,48	0
86	MG	6	2024	1/1	0.95	0.20	43,43,43,43	0
86	MG	3	205	1/1	0.95	0.26	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
87	OHX	2	2055	7/7	0.95	0.11	120,120,120,120	0
86	MG	5	3458	1/1	0.95	0.24	23,23,23,23	0
87	OHX	5	4130	7/7	0.95	0.10	125,125,125,125	0
87	OHX	5	4131	7/7	0.95	0.12	103,103,103,103	0
87	OHX	1	4064	7/7	0.95	0.20	89,89,89,89	0
87	OHX	1	4065	7/7	0.95	0.10	131,131,131,131	0
87	OHX	6	2065	7/7	0.95	0.14	88,88,88,88	0
86	MG	6	1950	1/1	0.95	0.23	35,35,35,35	0
87	OHX	6	2086	7/7	0.95	0.10	111,111,111,111	0
86	MG	5	3818	1/1	0.95	0.06	36,36,36,36	0
87	OHX	2	2076	7/7	0.95	0.13	110,110,110,110	0
87	OHX	6	2099	7/7	0.95	0.11	115,115,115,115	0
86	MG	3	206	1/1	0.95	0.32	31,31,31,31	0
86	MG	5	3822	1/1	0.95	0.17	37,37,37,37	0
86	MG	1	3528	1/1	0.95	0.36	30,30,30,30	0
87	OHX	5	4143	7/7	0.95	0.14	116,116,116,116	0
87	OHX	6	2109	7/7	0.95	0.14	98,98,98,98	0
87	OHX	6	2110	7/7	0.95	0.12	109,109,109,109	0
87	OHX	6	2112	7/7	0.95	0.12	115,115,115,115	0
86	MG	1	3720	1/1	0.95	0.33	51,51,51,51	0
86	MG	6	1954	1/1	0.95	0.25	39,39,39,39	0
86	MG	5	3828	1/1	0.95	0.08	34,34,34,34	0
87	OHX	2	2088	7/7	0.95	0.15	101,101,101,101	0
87	OHX	6	2119	7/7	0.95	0.17	99,99,99,99	0
87	OHX	6	2120	7/7	0.95	0.12	118,118,118,118	0
86	MG	5	3562	1/1	0.95	0.23	24,24,24,24	0
86	MG	5	3685	1/1	0.95	0.06	28,28,28,28	0
86	MG	1	3819	1/1	0.95	0.09	55,55,55,55	0
87	OHX	6	2125	7/7	0.95	0.14	100,100,100,100	0
87	OHX	2	2097	7/7	0.95	0.10	138,138,138,138	0
86	MG	5	3832	1/1	0.95	0.17	48,48,48,48	0
86	MG	3	210	1/1	0.95	0.18	59,59,59,59	0
86	MG	1	3473	1/1	0.95	0.26	22,22,22,22	0
86	MG	1	3682	1/1	0.95	0.25	52,52,52,52	0
86	MG	1	3571	1/1	0.95	0.20	16,16,16,16	0
87	OHX	2	2105	7/7	0.95	0.12	119,119,119,119	0
86	MG	1	3438	1/1	0.95	0.19	41,41,41,41	0
86	MG	1	3825	1/1	0.95	0.10	19,19,19,19	0
86	MG	2	1990	1/1	0.95	0.10	85,85,85,85	0
87	OHX	1	4090	7/7	0.95	0.10	137,137,137,137	0
87	OHX	2	2110	7/7	0.95	0.12	102,102,102,102	0
86	MG	5	3842	1/1	0.95	0.12	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	2112	7/7	0.95	0.13	120,120,120,120	0
86	MG	6	2041	1/1	0.95	0.31	52,52,52,52	0
86	MG	5	3844	1/1	0.95	0.22	42,42,42,42	0
86	MG	6	1901	1/1	0.95	0.21	41,41,41,41	0
86	MG	6	2043	1/1	0.95	0.19	41,41,41,41	0
86	MG	5	3576	1/1	0.95	0.28	33,33,33,33	0
86	MG	1	3533	1/1	0.95	0.25	31,31,31,31	0
86	MG	1	3729	1/1	0.95	0.15	28,28,28,28	0
86	MG	1	3576	1/1	0.95	0.27	23,23,23,23	0
87	OHX	6	2150	7/7	0.95	0.17	96,96,96,96	0
86	MG	1	3476	1/1	0.95	0.16	39,39,39,39	0
87	OHX	2	2123	7/7	0.95	0.12	128,128,128,128	0
86	MG	5	3582	1/1	0.95	0.29	31,31,31,31	0
86	MG	s1	301	1/1	0.95	0.12	72,72,72,72	0
86	MG	1	3580	1/1	0.95	0.26	34,34,34,34	0
86	MG	5	3586	1/1	0.95	0.35	31,31,31,31	0
86	MG	1	3693	1/1	0.95	0.33	44,44,44,44	0
86	MG	1	3615	1/1	0.95	0.25	33,33,33,33	0
86	MG	1	3535	1/1	0.95	0.30	31,31,31,31	0
86	MG	1	3536	1/1	0.95	0.31	42,42,42,42	0
86	MG	1	3584	1/1	0.95	0.28	34,34,34,34	0
86	MG	5	3487	1/1	0.95	0.30	34,34,34,34	0
86	MG	5	3714	1/1	0.95	0.08	35,35,35,35	0
86	MG	5	3870	1/1	0.95	0.07	31,31,31,31	0
86	MG	1	3787	1/1	0.95	0.24	25,25,25,25	0
86	MG	6	1913	1/1	0.95	0.32	48,48,48,48	0
87	OHX	5	4199	7/7	0.95	0.13	102,102,102,102	0
87	OHX	5	4200	7/7	0.95	0.13	109,109,109,109	0
87	OHX	5	4201	7/7	0.95	0.15	108,108,108,108	0
86	MG	5	3491	1/1	0.95	0.26	43,43,43,43	0
86	MG	5	3597	1/1	0.95	0.30	27,27,27,27	0
86	MG	5	3719	1/1	0.95	0.11	59,59,59,59	0
86	MG	d4	201	1/1	0.95	0.17	46,46,46,46	0
86	MG	5	3877	1/1	0.95	0.38	40,40,40,40	0
86	MG	1	3496	1/1	0.95	0.23	28,28,28,28	0
86	MG	1	3654	1/1	0.95	0.15	41,41,41,41	0
86	MG	5	3602	1/1	0.95	0.09	35,35,35,35	0
86	MG	6	1981	1/1	0.95	0.29	52,52,52,52	0
86	MG	1	3842	1/1	0.95	0.17	30,30,30,30	0
86	MG	1	3586	1/1	0.95	0.31	41,41,41,41	0
86	MG	1	3539	1/1	0.95	0.18	38,38,38,38	0
86	MG	5	3609	1/1	0.95	0.27	50,50,50,50	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3589	1/1	0.95	0.23	27,27,27,27	0
86	MG	5	3887	1/1	0.95	0.32	50,50,50,50	0
86	MG	5	3612	1/1	0.95	0.24	32,32,32,32	0
86	MG	4	220	1/1	0.95	0.14	47,47,47,47	0
86	MG	6	1921	1/1	0.95	0.29	40,40,40,40	0
86	MG	1	3590	1/1	0.95	0.22	27,27,27,27	0
86	MG	5	3892	1/1	0.95	0.13	25,25,25,25	0
86	MG	5	3893	1/1	0.95	0.06	64,64,64,64	0
86	MG	5	3412	1/1	0.95	0.17	33,33,33,33	0
86	MG	5	3741	1/1	0.95	0.19	34,34,34,34	0
86	MG	5	3620	1/1	0.95	0.20	39,39,39,39	0
86	MG	5	3621	1/1	0.95	0.07	36,36,36,36	0
86	MG	5	3622	1/1	0.95	0.21	39,39,39,39	0
86	MG	1	3413	1/1	0.95	0.29	58,58,58,58	0
86	MG	L2	301	1/1	0.95	0.06	30,30,30,30	0
86	MG	5	3625	1/1	0.95	0.14	55,55,55,55	0
86	MG	1	3542	1/1	0.95	0.20	20,20,20,20	0
86	MG	5	3752	1/1	0.95	0.19	38,38,38,38	0
86	MG	5	3417	1/1	0.95	0.23	20,20,20,20	0
86	MG	5	3628	1/1	0.95	0.17	24,24,24,24	0
86	MG	5	3509	1/1	0.95	0.30	27,27,27,27	0
86	MG	5	3510	1/1	0.95	0.23	36,36,36,36	0
86	MG	7	205	1/1	0.95	0.29	26,26,26,26	0
86	MG	5	3760	1/1	0.95	0.27	58,58,58,58	0
86	MG	1	3627	1/1	0.95	0.20	38,38,38,38	0
86	MG	5	3512	1/1	0.95	0.27	23,23,23,23	0
86	MG	5	3766	1/1	0.95	0.16	36,36,36,36	0
86	MG	6	1927	1/1	0.95	0.25	43,43,43,43	0
86	MG	1	3510	1/1	0.95	0.28	25,25,25,25	0
86	MG	1	3459	1/1	0.95	0.31	29,29,29,29	0
86	MG	M0	302	1/1	0.95	0.11	40,40,40,40	0
86	MG	7	228	1/1	0.95	0.12	29,29,29,29	0
87	OHX	c8	203	7/7	0.95	0.11	123,123,123,123	0
86	MG	5	3773	1/1	0.95	0.10	59,59,59,59	0
86	MG	1	3752	1/1	0.95	0.21	50,50,50,50	0
87	OHX	1	3918	7/7	0.95	0.12	107,107,107,107	0
87	OHX	5	3956	7/7	0.95	0.12	88,88,88,88	0
87	OHX	5	3978	7/7	0.95	0.12	92,92,92,92	0
87	OHX	1	3926	7/7	0.95	0.14	88,88,88,88	0
87	OHX	1	3935	7/7	0.95	0.14	86,86,86,86	0
87	OHX	5	4007	7/7	0.95	0.12	97,97,97,97	0
87	OHX	5	4013	7/7	0.95	0.13	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	1	3753	1/1	0.95	0.08	31,31,31,31	0
87	OHX	8	219	7/7	0.95	0.11	114,114,114,114	0
87	OHX	5	4024	7/7	0.95	0.13	99,99,99,99	0
86	MG	8	204	1/1	0.95	0.11	46,46,46,46	0
87	OHX	1	4172	7/7	0.95	0.12	98,98,98,98	0
87	OHX	5	4030	7/7	0.95	0.24	84,84,84,84	0
86	MG	6	2003	1/1	0.95	0.07	50,50,50,50	0
87	OHX	1	3961	7/7	0.95	0.10	107,107,107,107	0
86	MG	M3	202	1/1	0.95	0.08	36,36,36,36	0
86	MG	8	207	1/1	0.95	0.06	59,59,59,59	0
87	OHX	5	4041	7/7	0.95	0.13	116,116,116,116	0
87	OHX	1	3967	7/7	0.95	0.10	119,119,119,119	0
87	OHX	1	3976	7/7	0.95	0.20	82,82,82,82	0
87	OHX	5	4047	7/7	0.95	0.16	91,91,91,91	0
86	MG	5	3643	1/1	0.95	0.12	43,43,43,43	0
87	OHX	5	4052	7/7	0.95	0.14	96,96,96,96	0
86	MG	1	3667	1/1	0.95	0.38	65,65,65,65	0
87	OHX	1	3988	7/7	0.95	0.14	97,97,97,97	0
87	OHX	5	4056	7/7	0.95	0.13	97,97,97,97	0
87	OHX	1	3989	7/7	0.95	0.13	106,106,106,106	0
87	OHX	5	4059	7/7	0.95	0.10	123,123,123,123	0
86	MG	5	3428	1/1	0.95	0.28	39,39,39,39	0
86	MG	1	3631	1/1	0.95	0.07	24,24,24,24	0
86	MG	5	3430	1/1	0.95	0.08	27,27,27,27	0
87	OHX	o3	202	7/7	0.95	0.14	98,98,98,98	0
87	OHX	5	4065	7/7	0.95	0.09	138,138,138,138	0
87	OHX	5	4068	7/7	0.95	0.11	114,114,114,114	0
86	MG	1	3465	1/1	0.95	0.30	58,58,58,58	0
87	OHX	5	4071	7/7	0.95	0.13	108,108,108,108	0
88	ZN	e1	501	1/1	0.95	0.05	143,143,143,143	0
86	MG	l2	301	1/1	0.95	0.30	45,45,45,45	0
89	3HE	5	4252	20/20	0.95	0.10	32,32,32,32	0
86	MG	1	3646	1/1	0.96	0.06	61,61,61,61	0
86	MG	5	3753	1/1	0.96	0.30	52,52,52,52	0
86	MG	5	3856	1/1	0.96	0.08	33,33,33,33	0
86	MG	6	1978	1/1	0.96	0.13	37,37,37,37	0
86	MG	5	3755	1/1	0.96	0.11	48,48,48,48	0
86	MG	1	3674	1/1	0.96	0.30	52,52,52,52	0
86	MG	1	3647	1/1	0.96	0.21	37,37,37,37	0
86	MG	5	3533	1/1	0.96	0.32	40,40,40,40	0
86	MG	6	2028	1/1	0.96	0.26	56,56,56,56	0
86	MG	5	3761	1/1	0.96	0.15	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3762	1/1	0.96	0.04	41,41,41,41	0
86	MG	1	3602	1/1	0.96	0.16	23,23,23,23	0
86	MG	1	3818	1/1	0.96	0.10	35,35,35,35	0
86	MG	5	3765	1/1	0.96	0.12	31,31,31,31	0
86	MG	1	3709	1/1	0.96	0.23	30,30,30,30	0
86	MG	5	3608	1/1	0.96	0.15	34,34,34,34	0
86	MG	6	1984	1/1	0.96	0.11	38,38,38,38	0
87	OHX	2	2042	7/7	0.96	0.12	106,106,106,106	0
87	OHX	2	2048	7/7	0.96	0.10	111,111,111,111	0
87	OHX	2	2049	7/7	0.96	0.11	104,104,104,104	0
87	OHX	SR	401	7/7	0.96	0.09	148,148,148,148	0
87	OHX	1	3894	7/7	0.96	0.13	73,73,73,73	0
87	OHX	2	2050	7/7	0.96	0.11	95,95,95,95	0
87	OHX	6	2143	7/7	0.96	0.12	113,113,113,113	0
87	OHX	2	2051	7/7	0.96	0.11	108,108,108,108	0
87	OHX	2	2052	7/7	0.96	0.09	119,119,119,119	0
87	OHX	1	3933	7/7	0.96	0.11	91,91,91,91	0
87	OHX	2	2054	7/7	0.96	0.13	103,103,103,103	0
87	OHX	1	3938	7/7	0.96	0.11	96,96,96,96	0
86	MG	5	3769	1/1	0.96	0.11	34,34,34,34	0
87	OHX	1	3949	7/7	0.96	0.12	105,105,105,105	0
87	OHX	2	2056	7/7	0.96	0.09	116,116,116,116	0
87	OHX	2	2058	7/7	0.96	0.10	111,111,111,111	0
87	OHX	1	3959	7/7	0.96	0.10	101,101,101,101	0
87	OHX	2	2059	7/7	0.96	0.15	95,95,95,95	0
87	OHX	2	2061	7/7	0.96	0.10	107,107,107,107	0
87	OHX	2	2062	7/7	0.96	0.10	116,116,116,116	0
87	OHX	2	2064	7/7	0.96	0.14	95,95,95,95	0
87	OHX	1	3972	7/7	0.96	0.12	96,96,96,96	0
87	OHX	1	3975	7/7	0.96	0.13	95,95,95,95	0
87	OHX	2	2065	7/7	0.96	0.10	125,125,125,125	0
87	OHX	1	3978	7/7	0.96	0.11	101,101,101,101	0
86	MG	1	3604	1/1	0.96	0.15	33,33,33,33	0
87	OHX	1	3985	7/7	0.96	0.11	109,109,109,109	0
86	MG	5	3541	1/1	0.96	0.24	19,19,19,19	0
87	OHX	2	2068	7/7	0.96	0.14	101,101,101,101	0
87	OHX	2	2071	7/7	0.96	0.12	112,112,112,112	0
87	OHX	1	3990	7/7	0.96	0.13	93,93,93,93	0
87	OHX	1	3991	7/7	0.96	0.10	125,125,125,125	0
87	OHX	2	2072	7/7	0.96	0.09	130,130,130,130	0
87	OHX	5	4155	7/7	0.96	0.14	105,105,105,105	0
87	OHX	2	2073	7/7	0.96	0.14	107,107,107,107	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	C3	201	1/1	0.96	0.31	64,64,64,64	0
87	OHX	2	2075	7/7	0.96	0.13	111,111,111,111	0
87	OHX	1	4155	7/7	0.96	0.14	94,94,94,94	0
87	OHX	1	4156	7/7	0.96	0.11	103,103,103,103	0
86	MG	5	3614	1/1	0.96	0.29	44,44,44,44	0
87	OHX	1	4002	7/7	0.96	0.10	112,112,112,112	0
86	MG	1	3681	1/1	0.96	0.11	56,56,56,56	0
86	MG	1	3606	1/1	0.96	0.18	35,35,35,35	0
86	MG	2	1972	1/1	0.96	0.22	63,63,63,63	0
86	MG	1	4216	1/1	0.96	0.19	23,23,23,23	0
87	OHX	2	2083	7/7	0.96	0.14	108,108,108,108	0
87	OHX	2	2084	7/7	0.96	0.09	122,122,122,122	0
86	MG	1	3538	1/1	0.96	0.39	31,31,31,31	0
87	OHX	2	2086	7/7	0.96	0.10	114,114,114,114	0
86	MG	1	4220	1/1	0.96	0.07	41,41,41,41	0
86	MG	5	3486	1/1	0.96	0.11	41,41,41,41	0
87	OHX	5	4173	7/7	0.96	0.30	83,83,83,83	0
87	OHX	2	2089	7/7	0.96	0.11	114,114,114,114	0
87	OHX	1	4014	7/7	0.96	0.10	107,107,107,107	0
86	MG	L3	402	1/1	0.96	0.14	62,62,62,62	0
86	MG	1	4221	1/1	0.96	0.06	53,53,53,53	0
86	MG	5	3489	1/1	0.96	0.33	29,29,29,29	0
87	OHX	2	2094	7/7	0.96	0.09	132,132,132,132	0
87	OHX	1	4019	7/7	0.96	0.12	103,103,103,103	0
87	OHX	2	2095	7/7	0.96	0.11	112,112,112,112	0
86	MG	L4	401	1/1	0.96	0.07	28,28,28,28	0
87	OHX	2	2098	7/7	0.96	0.14	103,103,103,103	0
86	MG	S2	301	1/1	0.96	0.29	65,65,65,65	0
87	OHX	1	4024	7/7	0.96	0.13	104,104,104,104	0
86	MG	1	3471	1/1	0.96	0.06	35,35,35,35	0
87	OHX	1	4026	7/7	0.96	0.10	114,114,114,114	0
87	OHX	2	2101	7/7	0.96	0.10	121,121,121,121	0
86	MG	L7	302	1/1	0.96	0.13	37,37,37,37	0
87	OHX	6	2203	7/7	0.96	0.07	171,171,171,171	0
86	MG	L7	303	1/1	0.96	0.13	41,41,41,41	0
86	MG	5	3703	1/1	0.96	0.09	35,35,35,35	0
86	MG	1	3688	1/1	0.96	0.17	45,45,45,45	0
87	OHX	1	4032	7/7	0.96	0.11	98,98,98,98	0
87	OHX	1	4033	7/7	0.96	0.14	100,100,100,100	0
86	MG	s8	301	1/1	0.96	0.10	44,44,44,44	0
86	MG	5	3563	1/1	0.96	0.29	24,24,24,24	0
87	OHX	2	2108	7/7	0.96	0.10	135,135,135,135	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3707	1/1	0.96	0.06	36,36,36,36	0
86	MG	5	3441	1/1	0.96	0.12	26,26,26,26	0
86	MG	1	3450	1/1	0.96	0.27	36,36,36,36	0
87	OHX	1	4043	7/7	0.96	0.14	93,93,93,93	0
87	OHX	1	4044	7/7	0.96	0.12	98,98,98,98	0
86	MG	5	3638	1/1	0.96	0.19	43,43,43,43	0
87	OHX	5	3975	7/7	0.96	0.11	94,94,94,94	0
86	MG	5	3566	1/1	0.96	0.23	20,20,20,20	0
87	OHX	5	3991	7/7	0.96	0.14	96,96,96,96	0
87	OHX	1	4047	7/7	0.96	0.11	108,108,108,108	0
87	OHX	1	4048	7/7	0.96	0.09	117,117,117,117	0
87	OHX	5	4004	7/7	0.96	0.10	107,107,107,107	0
86	MG	1	3485	1/1	0.96	0.25	34,34,34,34	0
86	MG	5	3500	1/1	0.96	0.18	26,26,26,26	0
87	OHX	5	4015	7/7	0.96	0.14	86,86,86,86	0
87	OHX	5	4016	7/7	0.96	0.12	97,97,97,97	0
86	MG	5	4257	1/1	0.96	0.31	25,25,25,25	0
87	OHX	5	4020	7/7	0.96	0.15	99,99,99,99	0
87	OHX	5	4021	7/7	0.96	0.13	94,94,94,94	0
87	OHX	5	4022	7/7	0.96	0.11	106,106,106,106	0
87	OHX	5	4023	7/7	0.96	0.12	98,98,98,98	0
86	MG	5	3803	1/1	0.96	0.13	43,43,43,43	0
86	MG	1	3422	1/1	0.96	0.14	29,29,29,29	0
87	OHX	1	4056	7/7	0.96	0.23	86,86,86,86	0
87	OHX	5	4029	7/7	0.96	0.22	86,86,86,86	0
86	MG	1	3433	1/1	0.96	0.09	31,31,31,31	0
86	MG	1	3463	1/1	0.96	0.14	34,34,34,34	0
87	OHX	5	4032	7/7	0.96	0.10	121,121,121,121	0
86	MG	5	3447	1/1	0.96	0.23	38,38,38,38	0
87	OHX	5	4034	7/7	0.96	0.14	95,95,95,95	0
86	MG	5	3808	1/1	0.96	0.09	36,36,36,36	0
87	OHX	5	4037	7/7	0.96	0.10	116,116,116,116	0
86	MG	1	3434	1/1	0.96	0.11	39,39,39,39	0
86	MG	1	3726	1/1	0.96	0.17	55,55,55,55	0
87	OHX	5	4042	7/7	0.96	0.10	137,137,137,137	0
86	MG	1	3664	1/1	0.96	0.08	45,45,45,45	0
87	OHX	3	216	7/7	0.96	0.14	99,99,99,99	0
87	OHX	5	4045	7/7	0.96	0.18	87,87,87,87	0
87	OHX	3	219	7/7	0.96	0.10	111,111,111,111	0
86	MG	5	3649	1/1	0.96	0.28	43,43,43,43	0
87	OHX	5	4050	7/7	0.96	0.15	92,92,92,92	0
86	MG	7	210	1/1	0.96	0.13	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4053	7/7	0.96	0.14	92,92,92,92	0
87	OHX	2	2129	7/7	0.96	0.13	107,107,107,107	0
86	MG	5	3722	1/1	0.96	0.17	45,45,45,45	0
86	MG	5	3452	1/1	0.96	0.20	25,25,25,25	0
87	OHX	5	4057	7/7	0.96	0.14	98,98,98,98	0
86	MG	5	3816	1/1	0.96	0.20	39,39,39,39	0
86	MG	5	3724	1/1	0.96	0.09	32,32,32,32	0
87	OHX	5	4060	7/7	0.96	0.12	105,105,105,105	0
86	MG	5	3453	1/1	0.96	0.12	29,29,29,29	0
86	MG	1	3763	1/1	0.96	0.17	46,46,46,46	0
87	OHX	7	221	7/7	0.96	0.12	99,99,99,99	0
86	MG	5	3820	1/1	0.96	0.11	52,52,52,52	0
86	MG	5	3653	1/1	0.96	0.16	24,24,24,24	0
86	MG	5	3728	1/1	0.96	0.07	49,49,49,49	0
87	OHX	5	4069	7/7	0.96	0.12	89,89,89,89	0
86	MG	5	3455	1/1	0.96	0.31	35,35,35,35	0
86	MG	5	3826	1/1	0.96	0.10	33,33,33,33	0
87	OHX	L3	404	7/7	0.96	0.13	103,103,103,103	0
86	MG	sM	301	1/1	0.96	0.05	37,37,37,37	0
86	MG	5	3732	1/1	0.96	0.16	47,47,47,47	0
86	MG	1	3764	1/1	0.96	0.31	42,42,42,42	0
86	MG	1	3577	1/1	0.96	0.24	22,22,22,22	0
86	MG	5	3735	1/1	0.96	0.12	38,38,38,38	0
86	MG	1	3578	1/1	0.96	0.11	22,22,22,22	0
86	MG	5	3404	1/1	0.96	0.16	37,37,37,37	0
86	MG	5	3587	1/1	0.96	0.33	21,21,21,21	0
86	MG	1	3619	1/1	0.96	0.24	55,55,55,55	0
87	OHX	l3	403	7/7	0.96	0.13	99,99,99,99	0
86	MG	1	3435	1/1	0.96	0.15	35,35,35,35	0
86	MG	1	3807	1/1	0.96	0.15	30,30,30,30	0
87	OHX	6	2085	7/7	0.96	0.10	105,105,105,105	0
86	MG	1	3669	1/1	0.96	0.20	40,40,40,40	0
87	OHX	6	2087	7/7	0.96	0.11	102,102,102,102	0
86	MG	1	3428	1/1	0.96	0.16	48,48,48,48	0
86	MG	5	3744	1/1	0.96	0.29	26,26,26,26	0
86	MG	5	3745	1/1	0.96	0.04	32,32,32,32	0
86	MG	1	3581	1/1	0.96	0.27	34,34,34,34	0
87	OHX	6	2104	7/7	0.96	0.12	97,97,97,97	0
86	MG	5	3845	1/1	0.96	0.08	29,29,29,29	0
87	OHX	6	2107	7/7	0.96	0.13	101,101,101,101	0
86	MG	5	3667	1/1	0.96	0.19	40,40,40,40	0
86	MG	m7	201	1/1	0.96	0.27	30,30,30,30	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3525	1/1	0.96	0.26	36,36,36,36	0
87	OHX	6	2111	7/7	0.96	0.14	100,100,100,100	0
86	MG	1	3773	1/1	0.96	0.19	48,48,48,48	0
86	MG	5	3849	1/1	0.96	0.22	61,61,61,61	0
87	OHX	6	2114	7/7	0.96	0.13	97,97,97,97	0
86	MG	1	3445	1/1	0.96	0.13	37,37,37,37	0
89	3HE	1	4215	20/20	0.96	0.08	27,27,27,27	0
86	MG	5	3853	1/1	0.96	0.15	53,53,53,53	0
86	MG	1	4218	1/1	0.97	0.17	28,28,28,28	0
87	OHX	6	2090	7/7	0.97	0.08	116,116,116,116	0
87	OHX	6	2091	7/7	0.97	0.10	100,100,100,100	0
87	OHX	5	3927	7/7	0.97	0.13	66,66,66,66	0
87	OHX	5	3930	7/7	0.97	0.12	67,67,67,67	0
87	OHX	5	3950	7/7	0.97	0.11	91,91,91,91	0
87	OHX	5	3952	7/7	0.97	0.13	101,101,101,101	0
86	MG	M7	203	1/1	0.97	0.23	30,30,30,30	0
87	OHX	5	3961	7/7	0.97	0.11	71,71,71,71	0
87	OHX	5	3964	7/7	0.97	0.12	86,86,86,86	0
87	OHX	5	3967	7/7	0.97	0.10	94,94,94,94	0
87	OHX	6	2093	7/7	0.97	0.09	105,105,105,105	0
87	OHX	5	3976	7/7	0.97	0.10	86,86,86,86	0
87	OHX	6	2095	7/7	0.97	0.08	114,114,114,114	0
87	OHX	5	3980	7/7	0.97	0.12	84,84,84,84	0
87	OHX	5	3984	7/7	0.97	0.12	86,86,86,86	0
87	OHX	5	3989	7/7	0.97	0.09	107,107,107,107	0
86	MG	5	3676	1/1	0.97	0.29	39,39,39,39	0
87	OHX	5	3993	7/7	0.97	0.10	92,92,92,92	0
87	OHX	5	3995	7/7	0.97	0.10	107,107,107,107	0
87	OHX	6	2098	7/7	0.97	0.08	128,128,128,128	0
87	OHX	5	3997	7/7	0.97	0.20	87,87,87,87	0
87	OHX	2	2114	7/7	0.97	0.12	111,111,111,111	0
87	OHX	5	4001	7/7	0.97	0.09	101,101,101,101	0
87	OHX	5	4002	7/7	0.97	0.13	88,88,88,88	0
87	OHX	6	2100	7/7	0.97	0.08	135,135,135,135	0
87	OHX	1	3903	7/7	0.97	0.10	75,75,75,75	0
87	OHX	5	4011	7/7	0.97	0.10	105,105,105,105	0
87	OHX	6	2102	7/7	0.97	0.09	141,141,141,141	0
87	OHX	5	4014	7/7	0.97	0.09	138,138,138,138	0
86	MG	1	3662	1/1	0.97	0.08	27,27,27,27	0
87	OHX	6	2105	7/7	0.97	0.09	109,109,109,109	0
87	OHX	5	4017	7/7	0.97	0.11	101,101,101,101	0
87	OHX	1	3909	7/7	0.97	0.10	85,85,85,85	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3915	7/7	0.97	0.10	84,84,84,84	0
86	MG	5	3729	1/1	0.97	0.20	38,38,38,38	0
87	OHX	1	4052	7/7	0.97	0.09	127,127,127,127	0
87	OHX	1	3924	7/7	0.97	0.12	101,101,101,101	0
87	OHX	2	2032	7/7	0.97	0.12	97,97,97,97	0
87	OHX	5	4026	7/7	0.97	0.12	94,94,94,94	0
87	OHX	1	4055	7/7	0.97	0.08	132,132,132,132	0
87	OHX	1	3931	7/7	0.97	0.10	97,97,97,97	0
87	OHX	2	2034	7/7	0.97	0.11	94,94,94,94	0
87	OHX	2	2036	7/7	0.97	0.12	103,103,103,103	0
87	OHX	6	2116	7/7	0.97	0.11	110,110,110,110	0
87	OHX	1	3936	7/7	0.97	0.12	88,88,88,88	0
87	OHX	1	3937	7/7	0.97	0.10	100,100,100,100	0
87	OHX	2	2037	7/7	0.97	0.10	93,93,93,93	0
87	OHX	1	3944	7/7	0.97	0.11	93,93,93,93	0
87	OHX	6	2121	7/7	0.97	0.11	105,105,105,105	0
86	MG	1	3838	1/1	0.97	0.22	26,26,26,26	0
87	OHX	5	4039	7/7	0.97	0.08	117,117,117,117	0
87	OHX	5	4040	7/7	0.97	0.25	78,78,78,78	0
86	MG	1	3761	1/1	0.97	0.09	27,27,27,27	0
86	MG	1	4222	1/1	0.97	0.16	25,25,25,25	0
86	MG	5	3850	1/1	0.97	0.20	49,49,49,49	0
87	OHX	1	3953	7/7	0.97	0.18	84,84,84,84	0
86	MG	5	3577	1/1	0.97	0.26	44,44,44,44	0
87	OHX	5	4046	7/7	0.97	0.10	107,107,107,107	0
86	MG	5	3402	1/1	0.97	0.13	22,22,22,22	0
86	MG	1	3741	1/1	0.97	0.17	42,42,42,42	0
87	OHX	1	3964	7/7	0.97	0.11	93,93,93,93	0
87	OHX	5	4051	7/7	0.97	0.08	119,119,119,119	0
87	OHX	6	2131	7/7	0.97	0.11	102,102,102,102	0
87	OHX	2	2053	7/7	0.97	0.10	111,111,111,111	0
86	MG	5	3632	1/1	0.97	0.17	34,34,34,34	0
87	OHX	1	3968	7/7	0.97	0.11	88,88,88,88	0
87	OHX	1	3970	7/7	0.97	0.12	97,97,97,97	0
87	OHX	1	3971	7/7	0.97	0.12	91,91,91,91	0
86	MG	1	3742	1/1	0.97	0.07	34,34,34,34	0
87	OHX	1	3973	7/7	0.97	0.08	114,114,114,114	0
87	OHX	1	3974	7/7	0.97	0.11	99,99,99,99	0
87	OHX	5	4061	7/7	0.97	0.08	128,128,128,128	0
86	MG	1	3407	1/1	0.97	0.13	37,37,37,37	0
86	MG	1	3744	1/1	0.97	0.12	53,53,53,53	0
87	OHX	1	3977	7/7	0.97	0.27	78,78,78,78	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	6	1956	1/1	0.97	0.31	42,42,42,42	0
87	OHX	5	4066	7/7	0.97	0.11	102,102,102,102	0
87	OHX	5	4067	7/7	0.97	0.10	106,106,106,106	0
87	OHX	2	2060	7/7	0.97	0.09	114,114,114,114	0
87	OHX	1	4085	7/7	0.97	0.07	166,166,166,166	0
87	OHX	1	3980	7/7	0.97	0.21	80,80,80,80	0
87	OHX	1	3984	7/7	0.97	0.23	84,84,84,84	0
86	MG	5	3584	1/1	0.97	0.30	41,41,41,41	0
87	OHX	1	3986	7/7	0.97	0.11	103,103,103,103	0
86	MG	5	3798	1/1	0.97	0.11	33,33,33,33	0
87	OHX	2	2063	7/7	0.97	0.11	97,97,97,97	0
86	MG	5	3449	1/1	0.97	0.16	35,35,35,35	0
86	MG	5	3408	1/1	0.97	0.09	22,22,22,22	0
86	MG	1	3676	1/1	0.97	0.13	62,62,62,62	0
87	OHX	5	4079	7/7	0.97	0.14	92,92,92,92	0
87	OHX	1	3992	7/7	0.97	0.10	111,111,111,111	0
87	OHX	1	3993	7/7	0.97	0.12	90,90,90,90	0
87	OHX	1	3994	7/7	0.97	0.09	116,116,116,116	0
86	MG	1	3692	1/1	0.97	0.15	34,34,34,34	0
86	MG	6	1995	1/1	0.97	0.10	44,44,44,44	0
87	OHX	2	2069	7/7	0.97	0.08	118,118,118,118	0
87	OHX	2	2070	7/7	0.97	0.10	112,112,112,112	0
86	MG	6	2033	1/1	0.97	0.07	45,45,45,45	0
86	MG	5	3413	1/1	0.97	0.20	37,37,37,37	0
86	MG	2	2014	1/1	0.97	0.34	56,56,56,56	0
86	MG	L3	401	1/1	0.97	0.20	31,31,31,31	0
86	MG	6	1998	1/1	0.97	0.06	47,47,47,47	0
86	MG	1	3587	1/1	0.97	0.35	39,39,39,39	0
87	OHX	5	4093	7/7	0.97	0.11	107,107,107,107	0
86	MG	6	1962	1/1	0.97	0.14	38,38,38,38	0
86	MG	1	3679	1/1	0.97	0.14	42,42,42,42	0
86	MG	1	3771	1/1	0.97	0.12	57,57,57,57	0
86	MG	14	401	1/1	0.97	0.09	33,33,33,33	0
87	OHX	2	2081	7/7	0.97	0.09	127,127,127,127	0
86	MG	5	3757	1/1	0.97	0.18	53,53,53,53	0
87	OHX	7	216	7/7	0.97	0.11	79,79,79,79	0
87	OHX	7	217	7/7	0.97	0.10	98,98,98,98	0
87	OHX	7	219	7/7	0.97	0.20	84,84,84,84	0
86	MG	1	3530	1/1	0.97	0.36	34,34,34,34	0
87	OHX	3	217	7/7	0.97	0.11	98,98,98,98	0
87	OHX	3	218	7/7	0.97	0.09	108,108,108,108	0
86	MG	1	3574	1/1	0.97	0.33	32,32,32,32	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3554	1/1	0.97	0.34	41,41,41,41	0
86	MG	1	3506	1/1	0.97	0.32	38,38,38,38	0
86	MG	1	3799	1/1	0.97	0.11	47,47,47,47	0
87	OHX	8	217	7/7	0.97	0.11	99,99,99,99	0
87	OHX	8	218	7/7	0.97	0.09	118,118,118,118	0
86	MG	1	3827	1/1	0.97	0.12	31,31,31,31	0
86	MG	M0	301	1/1	0.97	0.18	33,33,33,33	0
86	MG	5	3607	1/1	0.97	0.06	22,22,22,22	0
87	OHX	8	222	7/7	0.97	0.08	126,126,126,126	0
87	OHX	4	228	7/7	0.97	0.10	112,112,112,112	0
86	MG	1	3423	1/1	0.97	0.19	34,34,34,34	0
86	MG	5	3825	1/1	0.97	0.19	37,37,37,37	0
86	MG	5	3560	1/1	0.97	0.24	22,22,22,22	0
87	OHX	2	2096	7/7	0.97	0.07	145,145,145,145	0
86	MG	1	3777	1/1	0.97	0.10	31,31,31,31	0
86	MG	5	3611	1/1	0.97	0.22	24,24,24,24	0
86	MG	5	3770	1/1	0.97	0.09	43,43,43,43	0
86	MG	5	3514	1/1	0.97	0.26	48,48,48,48	0
86	MG	1	3684	1/1	0.97	0.16	40,40,40,40	0
86	MG	1	3600	1/1	0.97	0.32	19,19,19,19	0
86	MG	1	3629	1/1	0.97	0.08	58,58,58,58	0
86	MG	1	3719	1/1	0.97	0.06	31,31,31,31	0
86	MG	5	3776	1/1	0.97	0.05	31,31,31,31	0
87	OHX	M5	303	7/7	0.97	0.11	104,104,104,104	0
87	OHX	1	4034	7/7	0.97	0.07	134,134,134,134	0
86	MG	1	3660	1/1	0.97	0.18	38,38,38,38	0
86	MG	1	3512	1/1	0.97	0.30	24,24,24,24	0
87	OHX	1	4037	7/7	0.97	0.12	93,93,93,93	0
87	OHX	m5	303	7/7	0.97	0.11	111,111,111,111	0
87	OHX	m6	202	7/7	0.97	0.14	80,80,80,80	0
87	OHX	O7	104	7/7	0.97	0.11	88,88,88,88	0
86	MG	1	3809	1/1	0.97	0.06	46,46,46,46	0
87	OHX	o2	201	7/7	0.97	0.15	85,85,85,85	0
86	MG	1	4217	1/1	0.97	0.13	22,22,22,22	0
87	OHX	6	2067	7/7	0.97	0.14	101,101,101,101	0
87	OHX	6	2075	7/7	0.97	0.09	108,108,108,108	0
87	OHX	1	4040	7/7	0.97	0.08	118,118,118,118	0
87	OHX	6	2079	7/7	0.97	0.14	87,87,87,87	0
87	OHX	6	2080	7/7	0.97	0.08	97,97,97,97	0
87	OHX	6	2084	7/7	0.97	0.09	108,108,108,108	0
86	MG	5	4255	1/1	0.97	0.17	22,22,22,22	0
87	OHX	C8	201	7/7	0.97	0.11	99,99,99,99	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	6	2103	7/7	0.98	0.07	106,106,106,106	0
86	MG	1	3603	1/1	0.98	0.21	25,25,25,25	0
86	MG	1	3500	1/1	0.98	0.38	61,61,61,61	0
87	OHX	1	3939	7/7	0.98	0.08	92,92,92,92	0
87	OHX	1	3940	7/7	0.98	0.13	82,82,82,82	0
87	OHX	1	3942	7/7	0.98	0.08	98,98,98,98	0
86	MG	1	4223	1/1	0.98	0.20	25,25,25,25	0
87	OHX	2	2082	7/7	0.98	0.08	123,123,123,123	0
87	OHX	1	3946	7/7	0.98	0.08	97,97,97,97	0
87	OHX	1	3947	7/7	0.98	0.11	92,92,92,92	0
87	OHX	1	3948	7/7	0.98	0.08	117,117,117,117	0
86	MG	5	3851	1/1	0.98	0.12	43,43,43,43	0
86	MG	5	3528	1/1	0.98	0.27	29,29,29,29	0
86	MG	5	3537	1/1	0.98	0.35	26,26,26,26	0
87	OHX	3	215	7/7	0.98	0.08	89,89,89,89	0
87	OHX	2	2057	7/7	0.98	0.09	99,99,99,99	0
87	OHX	1	3954	7/7	0.98	0.15	84,84,84,84	0
87	OHX	1	3955	7/7	0.98	0.07	92,92,92,92	0
87	OHX	1	3956	7/7	0.98	0.13	79,79,79,79	0
87	OHX	1	3957	7/7	0.98	0.15	68,68,68,68	0
87	OHX	1	3958	7/7	0.98	0.09	100,100,100,100	0
86	MG	6	1985	1/1	0.98	0.15	40,40,40,40	0
87	OHX	5	4198	7/7	0.98	0.16	76,76,76,76	0
87	OHX	1	3960	7/7	0.98	0.11	89,89,89,89	0
86	MG	1	3541	1/1	0.98	0.21	49,49,49,49	0
86	MG	5	3821	1/1	0.98	0.06	52,52,52,52	0
87	OHX	4	226	7/7	0.98	0.14	85,85,85,85	0
87	OHX	4	227	7/7	0.98	0.07	104,104,104,104	0
87	OHX	5	3910	7/7	0.98	0.15	64,64,64,64	0
86	MG	1	3800	1/1	0.98	0.07	52,52,52,52	0
87	OHX	2	2024	7/7	0.98	0.14	75,75,75,75	0
87	OHX	5	3932	7/7	0.98	0.10	66,66,66,66	0
87	OHX	5	3933	7/7	0.98	0.12	83,83,83,83	0
87	OHX	5	3941	7/7	0.98	0.10	72,72,72,72	0
87	OHX	5	3942	7/7	0.98	0.10	75,75,75,75	0
87	OHX	5	3944	7/7	0.98	0.08	73,73,73,73	0
87	OHX	5	3945	7/7	0.98	0.10	80,80,80,80	0
87	OHX	5	3947	7/7	0.98	0.09	68,68,68,68	0
87	OHX	5	3948	7/7	0.98	0.09	83,83,83,83	0
87	OHX	1	3966	7/7	0.98	0.13	85,85,85,85	0
87	OHX	5	3951	7/7	0.98	0.10	76,76,76,76	0
87	OHX	2	2028	7/7	0.98	0.10	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3953	7/7	0.98	0.09	90,90,90,90	0
87	OHX	2	2093	7/7	0.98	0.06	142,142,142,142	0
87	OHX	5	3957	7/7	0.98	0.10	82,82,82,82	0
87	OHX	5	3959	7/7	0.98	0.10	78,78,78,78	0
87	OHX	1	3969	7/7	0.98	0.08	94,94,94,94	0
87	OHX	5	3962	7/7	0.98	0.12	83,83,83,83	0
87	OHX	2	2029	7/7	0.98	0.12	86,86,86,86	0
87	OHX	5	3965	7/7	0.98	0.16	74,74,74,74	0
87	OHX	2	2030	7/7	0.98	0.09	97,97,97,97	0
87	OHX	5	3968	7/7	0.98	0.12	83,83,83,83	0
87	OHX	5	3969	7/7	0.98	0.08	84,84,84,84	0
87	OHX	5	3970	7/7	0.98	0.09	87,87,87,87	0
87	OHX	5	3973	7/7	0.98	0.13	73,73,73,73	0
87	OHX	5	3974	7/7	0.98	0.12	77,77,77,77	0
86	MG	5	3751	1/1	0.98	0.07	46,46,46,46	0
87	OHX	2	2033	7/7	0.98	0.11	93,93,93,93	0
87	OHX	1	3895	7/7	0.98	0.11	74,74,74,74	0
87	OHX	5	3979	7/7	0.98	0.15	73,73,73,73	0
87	OHX	1	3897	7/7	0.98	0.11	76,76,76,76	0
87	OHX	5	3981	7/7	0.98	0.09	93,93,93,93	0
87	OHX	5	3982	7/7	0.98	0.13	77,77,77,77	0
87	OHX	1	3898	7/7	0.98	0.11	78,78,78,78	0
87	OHX	5	3985	7/7	0.98	0.13	83,83,83,83	0
87	OHX	5	3987	7/7	0.98	0.14	83,83,83,83	0
87	OHX	5	3988	7/7	0.98	0.09	92,92,92,92	0
86	MG	5	3841	1/1	0.98	0.11	49,49,49,49	0
87	OHX	1	3904	7/7	0.98	0.08	78,78,78,78	0
87	OHX	1	3905	7/7	0.98	0.09	75,75,75,75	0
87	OHX	5	3994	7/7	0.98	0.23	77,77,77,77	0
87	OHX	1	3906	7/7	0.98	0.10	83,83,83,83	0
87	OHX	1	3982	7/7	0.98	0.12	88,88,88,88	0
87	OHX	O2	201	7/7	0.98	0.17	79,79,79,79	0
87	OHX	5	3998	7/7	0.98	0.07	107,107,107,107	0
87	OHX	5	3999	7/7	0.98	0.07	96,96,96,96	0
87	OHX	7	215	7/7	0.98	0.10	80,80,80,80	0
87	OHX	1	3983	7/7	0.98	0.19	83,83,83,83	0
87	OHX	O7	103	7/7	0.98	0.10	85,85,85,85	0
87	OHX	7	218	7/7	0.98	0.17	83,83,83,83	0
86	MG	5	3601	1/1	0.98	0.19	38,38,38,38	0
87	OHX	5	4003	7/7	0.98	0.20	68,68,68,68	0
86	MG	5	3674	1/1	0.98	0.08	23,23,23,23	0
87	OHX	5	4005	7/7	0.98	0.15	84,84,84,84	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	4006	7/7	0.98	0.12	91,91,91,91	0
87	OHX	Q2	503	7/7	0.98	0.18	76,76,76,76	0
87	OHX	5	4008	7/7	0.98	0.07	113,113,113,113	0
87	OHX	5	4010	7/7	0.98	0.17	81,81,81,81	0
87	OHX	8	216	7/7	0.98	0.08	100,100,100,100	0
87	OHX	6	2054	7/7	0.98	0.11	75,75,75,75	0
87	OHX	5	4012	7/7	0.98	0.10	95,95,95,95	0
87	OHX	6	2055	7/7	0.98	0.10	75,75,75,75	0
87	OHX	1	3912	7/7	0.98	0.09	78,78,78,78	0
87	OHX	6	2066	7/7	0.98	0.09	91,91,91,91	0
87	OHX	1	3913	7/7	0.98	0.08	88,88,88,88	0
87	OHX	6	2069	7/7	0.98	0.14	85,85,85,85	0
87	OHX	6	2070	7/7	0.98	0.08	87,87,87,87	0
87	OHX	5	4019	7/7	0.98	0.08	114,114,114,114	0
87	OHX	6	2071	7/7	0.98	0.12	75,75,75,75	0
87	OHX	6	2072	7/7	0.98	0.08	104,104,104,104	0
87	OHX	6	2074	7/7	0.98	0.08	108,108,108,108	0
87	OHX	1	3914	7/7	0.98	0.12	79,79,79,79	0
87	OHX	l3	402	7/7	0.98	0.10	88,88,88,88	0
87	OHX	6	2077	7/7	0.98	0.08	96,96,96,96	0
86	MG	1	3447	1/1	0.98	0.16	31,31,31,31	0
87	OHX	1	3917	7/7	0.98	0.09	77,77,77,77	0
87	OHX	2	2040	7/7	0.98	0.09	88,88,88,88	0
87	OHX	6	2081	7/7	0.98	0.09	91,91,91,91	0
87	OHX	6	2082	7/7	0.98	0.08	91,91,91,91	0
87	OHX	6	2083	7/7	0.98	0.08	94,94,94,94	0
87	OHX	1	3919	7/7	0.98	0.11	73,73,73,73	0
87	OHX	1	3921	7/7	0.98	0.11	72,72,72,72	0
87	OHX	1	3922	7/7	0.98	0.09	83,83,83,83	0
87	OHX	1	3923	7/7	0.98	0.16	70,70,70,70	0
87	OHX	6	2088	7/7	0.98	0.09	99,99,99,99	0
87	OHX	6	2089	7/7	0.98	0.07	107,107,107,107	0
86	MG	l3	401	1/1	0.98	0.34	22,22,22,22	0
87	OHX	1	3997	7/7	0.98	0.06	127,127,127,127	0
87	OHX	2	2045	7/7	0.98	0.08	105,105,105,105	0
87	OHX	1	3999	7/7	0.98	0.19	84,84,84,84	0
87	OHX	1	3928	7/7	0.98	0.13	78,78,78,78	0
87	OHX	o7	103	7/7	0.98	0.11	90,90,90,90	0
87	OHX	1	3930	7/7	0.98	0.10	89,89,89,89	0
87	OHX	q2	502	7/7	0.98	0.15	77,77,77,77	0
87	OHX	6	2097	7/7	0.98	0.07	118,118,118,118	0
87	OHX	2	2047	7/7	0.98	0.08	103,103,103,103	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	MG	5	3811	1/1	0.98	0.14	37,37,37,37	0
87	OHX	5	4048	7/7	0.98	0.08	110,110,110,110	0
87	OHX	1	3934	7/7	0.98	0.09	90,90,90,90	0
86	MG	5	3542	1/1	0.98	0.27	27,27,27,27	0
86	MG	5	3615	1/1	0.98	0.05	27,27,27,27	0
87	OHX	5	3935	7/7	0.99	0.06	70,70,70,70	0
87	OHX	5	3936	7/7	0.99	0.06	64,64,64,64	0
87	OHX	5	3937	7/7	0.99	0.06	67,67,67,67	0
87	OHX	5	3938	7/7	0.99	0.08	70,70,70,70	0
87	OHX	5	3939	7/7	0.99	0.08	80,80,80,80	0
87	OHX	5	3940	7/7	0.99	0.09	80,80,80,80	0
87	OHX	6	2064	7/7	0.99	0.07	79,79,79,79	0
86	MG	1	3852	1/1	0.99	0.13	23,23,23,23	0
87	OHX	5	3943	7/7	0.99	0.07	83,83,83,83	0
87	OHX	2	2031	7/7	0.99	0.08	84,84,84,84	0
86	MG	m6	201	1/1	0.99	0.05	27,27,27,27	0
87	OHX	5	3946	7/7	0.99	0.06	71,71,71,71	0
87	OHX	6	2068	7/7	0.99	0.13	76,76,76,76	0
87	OHX	1	3916	7/7	0.99	0.06	82,82,82,82	0
87	OHX	5	3949	7/7	0.99	0.08	93,93,93,93	0
86	MG	5	3838	1/1	0.99	0.17	23,23,23,23	0
86	MG	1	3776	1/1	0.99	0.10	46,46,46,46	0
87	OHX	2	2035	7/7	0.99	0.07	78,78,78,78	0
87	OHX	6	2073	7/7	0.99	0.14	76,76,76,76	0
87	OHX	5	3954	7/7	0.99	0.08	66,66,66,66	0
87	OHX	5	3955	7/7	0.99	0.06	83,83,83,83	0
87	OHX	1	3920	7/7	0.99	0.08	80,80,80,80	0
86	MG	1	3727	1/1	0.99	0.08	31,31,31,31	0
87	OHX	5	3958	7/7	0.99	0.09	75,75,75,75	0
87	OHX	6	2076	7/7	0.99	0.11	78,78,78,78	0
87	OHX	5	3960	7/7	0.99	0.07	66,66,66,66	0
86	MG	5	3513	1/1	0.99	0.11	26,26,26,26	0
87	OHX	2	2038	7/7	0.99	0.08	89,89,89,89	0
87	OHX	5	3963	7/7	0.99	0.07	80,80,80,80	0
87	OHX	2	2022	7/7	0.99	0.12	68,68,68,68	0
87	OHX	1	3981	7/7	0.99	0.07	106,106,106,106	0
87	OHX	5	3966	7/7	0.99	0.09	90,90,90,90	0
87	OHX	1	3925	7/7	0.99	0.09	79,79,79,79	0
87	OHX	1	3868	7/7	0.99	0.13	51,51,51,51	0
87	OHX	1	3927	7/7	0.99	0.08	92,92,92,92	0
87	OHX	1	3870	7/7	0.99	0.12	55,55,55,55	0
87	OHX	5	3971	7/7	0.99	0.06	87,87,87,87	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3972	7/7	0.99	0.10	75,75,75,75	0
87	OHX	1	3929	7/7	0.99	0.06	75,75,75,75	0
87	OHX	1	3872	7/7	0.99	0.11	56,56,56,56	0
87	OHX	1	3873	7/7	0.99	0.11	57,57,57,57	0
87	OHX	1	3932	7/7	0.99	0.08	60,60,60,60	0
87	OHX	5	3977	7/7	0.99	0.07	94,94,94,94	0
87	OHX	1	3877	7/7	0.99	0.10	59,59,59,59	0
87	OHX	1	3878	7/7	0.99	0.10	58,58,58,58	0
87	OHX	1	3880	7/7	0.99	0.09	60,60,60,60	0
87	OHX	1	3881	7/7	0.99	0.12	62,62,62,62	0
87	OHX	1	3883	7/7	0.99	0.10	63,63,63,63	0
87	OHX	5	3983	7/7	0.99	0.10	72,72,72,72	0
87	OHX	6	2094	7/7	0.99	0.08	96,96,96,96	0
87	OHX	1	3884	7/7	0.99	0.08	64,64,64,64	0
87	OHX	5	3986	7/7	0.99	0.12	83,83,83,83	0
87	OHX	1	3886	7/7	0.99	0.08	70,70,70,70	0
87	OHX	1	3887	7/7	0.99	0.06	65,65,65,65	0
87	OHX	4	223	7/7	0.99	0.09	51,51,51,51	0
87	OHX	5	3990	7/7	0.99	0.07	63,63,63,63	0
87	OHX	4	225	7/7	0.99	0.07	69,69,69,69	0
87	OHX	5	3992	7/7	0.99	0.14	81,81,81,81	0
87	OHX	1	3941	7/7	0.99	0.17	80,80,80,80	0
87	OHX	1	3888	7/7	0.99	0.11	73,73,73,73	0
87	OHX	1	3943	7/7	0.99	0.08	84,84,84,84	0
87	OHX	1	3889	7/7	0.99	0.07	67,67,67,67	0
87	OHX	1	3891	7/7	0.99	0.08	66,66,66,66	0
87	OHX	1	3892	7/7	0.99	0.07	62,62,62,62	0
87	OHX	1	3893	7/7	0.99	0.07	64,64,64,64	0
87	OHX	2	2023	7/7	0.99	0.10	74,74,74,74	0
87	OHX	2	2041	7/7	0.99	0.06	93,93,93,93	0
87	OHX	1	3950	7/7	0.99	0.05	87,87,87,87	0
87	OHX	1	3896	7/7	0.99	0.09	68,68,68,68	0
86	MG	5	3863	1/1	0.99	0.07	55,55,55,55	0
87	OHX	2	2043	7/7	0.99	0.07	89,89,89,89	0
87	OHX	1	3899	7/7	0.99	0.09	62,62,62,62	0
87	OHX	1	3900	7/7	0.99	0.06	73,73,73,73	0
87	OHX	1	3901	7/7	0.99	0.09	71,71,71,71	0
87	OHX	7	220	7/7	0.99	0.06	94,94,94,94	0
87	OHX	5	4009	7/7	0.99	0.12	70,70,70,70	0
87	OHX	1	3902	7/7	0.99	0.07	67,67,67,67	0
87	OHX	2	2044	7/7	0.99	0.07	96,96,96,96	0
87	OHX	2	2025	7/7	0.99	0.08	78,78,78,78	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	2	2046	7/7	0.99	0.04	116,116,116,116	0
87	OHX	N9	101	7/7	0.99	0.10	57,57,57,57	0
87	OHX	2	2026	7/7	0.99	0.06	71,71,71,71	0
87	OHX	8	214	7/7	0.99	0.09	53,53,53,53	0
87	OHX	8	215	7/7	0.99	0.09	55,55,55,55	0
87	OHX	1	3907	7/7	0.99	0.06	67,67,67,67	0
87	OHX	1	3963	7/7	0.99	0.14	71,71,71,71	0
87	OHX	2	2027	7/7	0.99	0.09	81,81,81,81	0
86	MG	5	3619	1/1	0.99	0.17	31,31,31,31	0
87	OHX	1	3910	7/7	0.99	0.06	75,75,75,75	0
87	OHX	6	2047	7/7	0.99	0.10	52,52,52,52	0
87	OHX	6	2048	7/7	0.99	0.14	64,64,64,64	0
87	OHX	6	2049	7/7	0.99	0.09	60,60,60,60	0
87	OHX	6	2050	7/7	0.99	0.09	64,64,64,64	0
87	OHX	5	4025	7/7	0.99	0.07	108,108,108,108	0
87	OHX	6	2051	7/7	0.99	0.11	66,66,66,66	0
87	OHX	6	2053	7/7	0.99	0.09	68,68,68,68	0
87	OHX	1	3911	7/7	0.99	0.08	79,79,79,79	0
86	MG	1	3824	1/1	0.99	0.04	55,55,55,55	0
87	OHX	6	2056	7/7	0.99	0.07	65,65,65,65	0
87	OHX	6	2057	7/7	0.99	0.10	74,74,74,74	0
87	OHX	6	2058	7/7	0.99	0.07	73,73,73,73	0
87	OHX	5	3900	7/7	0.99	0.11	42,42,42,42	0
87	OHX	5	3903	7/7	0.99	0.11	44,44,44,44	0
87	OHX	5	4035	7/7	0.99	0.07	93,93,93,93	0
87	OHX	5	3904	7/7	0.99	0.12	50,50,50,50	0
87	OHX	5	3905	7/7	0.99	0.12	50,50,50,50	0
87	OHX	5	3906	7/7	0.99	0.10	52,52,52,52	0
87	OHX	5	3908	7/7	0.99	0.09	49,49,49,49	0
87	OHX	6	2059	7/7	0.99	0.07	68,68,68,68	0
87	OHX	5	3911	7/7	0.99	0.07	53,53,53,53	0
87	OHX	5	3913	7/7	0.99	0.10	57,57,57,57	0
87	OHX	5	3914	7/7	0.99	0.10	63,63,63,63	0
87	OHX	5	3915	7/7	0.99	0.12	62,62,62,62	0
87	OHX	5	3916	7/7	0.99	0.09	63,63,63,63	0
87	OHX	5	3917	7/7	0.99	0.06	59,59,59,59	0
87	OHX	n3	203	7/7	0.99	0.07	77,77,77,77	0
87	OHX	n9	101	7/7	0.99	0.11	62,62,62,62	0
87	OHX	5	3918	7/7	0.99	0.06	59,59,59,59	0
87	OHX	5	3919	7/7	0.99	0.07	63,63,63,63	0
87	OHX	5	3921	7/7	0.99	0.07	58,58,58,58	0
87	OHX	5	3922	7/7	0.99	0.09	59,59,59,59	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	5	3923	7/7	0.99	0.07	62,62,62,62	0
87	OHX	5	3924	7/7	0.99	0.10	65,65,65,65	0
88	ZN	E1	501	1/1	0.99	0.04	105,105,105,105	0
87	OHX	6	2060	7/7	0.99	0.09	87,87,87,87	0
87	OHX	5	3929	7/7	0.99	0.07	67,67,67,67	0
87	OHX	6	2061	7/7	0.99	0.06	74,74,74,74	0
87	OHX	6	2062	7/7	0.99	0.07	73,73,73,73	0
88	ZN	q3	501	1/1	0.99	0.04	65,65,65,65	0
87	OHX	6	2063	7/7	0.99	0.06	79,79,79,79	0
87	OHX	5	3934	7/7	0.99	0.06	67,67,67,67	0
87	OHX	5	3902	7/7	1.00	0.11	39,39,39,39	0
87	OHX	5	3925	7/7	1.00	0.05	63,63,63,63	0
87	OHX	5	3926	7/7	1.00	0.05	53,53,53,53	0
87	OHX	1	3885	7/7	1.00	0.09	61,61,61,61	0
87	OHX	5	3928	7/7	1.00	0.05	68,68,68,68	0
87	OHX	1	3874	7/7	1.00	0.08	58,58,58,58	0
87	OHX	1	3875	7/7	1.00	0.08	52,52,52,52	0
87	OHX	5	3931	7/7	1.00	0.05	59,59,59,59	0
87	OHX	1	3876	7/7	1.00	0.06	53,53,53,53	0
87	OHX	5	3907	7/7	1.00	0.10	57,57,57,57	0
87	OHX	4	224	7/7	1.00	0.10	57,57,57,57	0
87	OHX	5	3909	7/7	1.00	0.08	47,47,47,47	0
87	OHX	1	3864	7/7	1.00	0.10	38,38,38,38	0
87	OHX	1	3890	7/7	1.00	0.04	61,61,61,61	0
87	OHX	5	3912	7/7	1.00	0.07	52,52,52,52	0
87	OHX	1	3869	7/7	1.00	0.09	48,48,48,48	0
87	OHX	1	3879	7/7	1.00	0.05	60,60,60,60	0
88	ZN	D6	500	1/1	1.00	0.01	72,72,72,72	0
87	OHX	1	3865	7/7	1.00	0.10	45,45,45,45	0
88	ZN	D9	101	1/1	1.00	0.02	66,66,66,66	0
87	OHX	6	2052	7/7	1.00	0.06	64,64,64,64	0
88	ZN	O7	101	1/1	1.00	0.01	32,32,32,32	0
88	ZN	Q0	500	1/1	1.00	0.01	42,42,42,42	0
87	OHX	1	3871	7/7	1.00	0.07	50,50,50,50	0
88	ZN	Q3	501	1/1	1.00	0.03	61,61,61,61	0
88	ZN	d6	101	1/1	1.00	0.03	54,54,54,54	0
87	OHX	1	3882	7/7	1.00	0.04	57,57,57,57	0
88	ZN	d9	101	1/1	1.00	0.04	58,58,58,58	0
87	OHX	N1	201	7/7	1.00	0.06	60,60,60,60	0
88	ZN	o7	102	1/1	1.00	0.01	37,37,37,37	0
88	ZN	q0	201	1/1	1.00	0.01	28,28,28,28	0
87	OHX	5	3920	7/7	1.00	0.06	62,62,62,62	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
87	OHX	1	3866	7/7	1.00	0.10	42,42,42,42	0
87	OHX	1	3867	7/7	1.00	0.09	51,51,51,51	0
87	OHX	5	3901	7/7	1.00	0.12	39,39,39,39	0

5.5 Other polymers [i](#)

There are no such residues in this entry.