



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 30, 2026 – 07:19 PM UTC

PDB ID : 4U50 / pdb_00004u50
Title : Crystal structure of Verrucarin bound to the yeast 80S ribosome
Authors : Garreau de Loubresse, N.; Prokhorova, I.; Yusupova, G.; Yusupov, M.
Deposited on : 2014-07-24
Resolution : 3.20 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

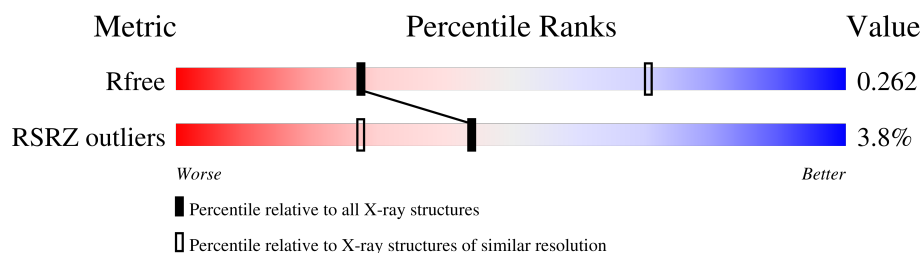
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.20 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	1466 (3.20-3.20)
RSRZ outliers	180081	1466 (3.20-3.20)

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
85	MG	1	3493	-	-	-	X
85	MG	1	3607	-	-	-	X
85	MG	1	3649	-	-	-	X
85	MG	1	3665	-	-	-	X
85	MG	1	3713	-	-	-	X
85	MG	1	3815	-	-	-	X
85	MG	1	3834	-	-	-	X
85	MG	2	1915	-	-	-	X
85	MG	2	1924	-	-	-	X
85	MG	2	1926	-	-	-	X
85	MG	2	1931	-	-	-	X
85	MG	2	1957	-	-	-	X
85	MG	2	1966	-	-	-	X
85	MG	2	1973	-	-	-	X
85	MG	2	1978	-	-	-	X
85	MG	2	1984	-	-	-	X
85	MG	2	2019	-	-	-	X
85	MG	4	205	-	-	-	X

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Mol	Type	Chain	Res	Chirality	Geometry	Clashes	Electron density
85	MG	6	1911	-	-	-	X
85	MG	6	1924	-	-	-	X
85	MG	6	1925	-	-	-	X
85	MG	6	1933	-	-	-	X
85	MG	6	1939	-	-	-	X
85	MG	6	1940	-	-	-	X
85	MG	6	1951	-	-	-	X
85	MG	6	1971	-	-	-	X
85	MG	6	1998	-	-	-	X
85	MG	6	2027	-	-	-	X
85	MG	6	2038	-	-	-	X
85	MG	o4	201	-	-	-	X
86	OHX	5	3946	-	-	-	X
86	OHX	5	4147	-	-	-	X

2 Entry composition

There are 88 unique types of molecules in this entry. The entry contains 411230 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			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
C5	137	SER	ARG	conflict	UNP Q01855
c5	137	SER	ARG	conflict	UNP Q01855

- 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			
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	C	N	O	S	0	0	0
			1112	694	208	208	2			
21	c9	143	Total	C	N	O	S	0	0	0
			1112	694	208	208	2			

- 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			

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

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
E1	77	ALA	GLY	conflict	UNP P05759
e1	77	ALA	GLY	conflict	UNP P05759

- 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			
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	17	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	18	231	Total	C	N	O	S	0	0	0
			1763	1130	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	19	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			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
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			
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	0	0	0
			796	516	131	149			
58	n2	98	Total	C	N	O	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			

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Mol	Chain	Residues	Atoms				ZeroOcc	AltConf	Trace
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			

There are 2 discrepancies between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
O4	121	LYS	-	expression tag	UNP P87262
o4	121	LYS	-	expression tag	UNP P87262

- 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			
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	0	0	0
			612	391	115	106			
74	o8	77	Total	C	N	O	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			

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Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
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 60S acidic ribosomal protein P0.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
81	p0	143	Total	C	N	O	S	0	0	0
			1076	686	192	195	3			

- 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 UNKNOWN PROTEIN p1.

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

- Molecule 84 is a protein called UNKNOWN PROTEIN p2.

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

- Molecule 85 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	2	122	Total	Mg	0	0
			122	122		
85	S2	2	Total	Mg	0	0
			2	2		
85	S4	1	Total	Mg	0	0
			1	1		
85	S8	1	Total	Mg	0	0
			1	1		
85	C1	1	Total	Mg	0	0
			1	1		
85	D0	1	Total	Mg	0	0
			1	1		
85	SM	1	Total	Mg	0	0
			1	1		
85	1	470	Total	Mg	0	0
			470	470		
85	3	14	Total	Mg	0	0
			14	14		

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	4	25	Total 25	Mg 25	0	0
85	L2	2	Total 2	Mg 2	0	0
85	L3	2	Total 2	Mg 2	0	0
85	L4	2	Total 2	Mg 2	0	0
85	L5	1	Total 1	Mg 1	0	0
85	L7	4	Total 4	Mg 4	0	0
85	L8	1	Total 1	Mg 1	0	0
85	M0	2	Total 2	Mg 2	0	0
85	M1	1	Total 1	Mg 1	0	0
85	M3	3	Total 3	Mg 3	0	0
85	M5	1	Total 1	Mg 1	0	0
85	M6	1	Total 1	Mg 1	0	0
85	M7	3	Total 3	Mg 3	0	0
85	M9	1	Total 1	Mg 1	0	0
85	N0	1	Total 1	Mg 1	0	0
85	N3	3	Total 3	Mg 3	0	0
85	N5	2	Total 2	Mg 2	0	0
85	N6	2	Total 2	Mg 2	0	0
85	N8	4	Total 4	Mg 4	0	0
85	O2	1	Total 1	Mg 1	0	0
85	O4	1	Total 1	Mg 1	0	0

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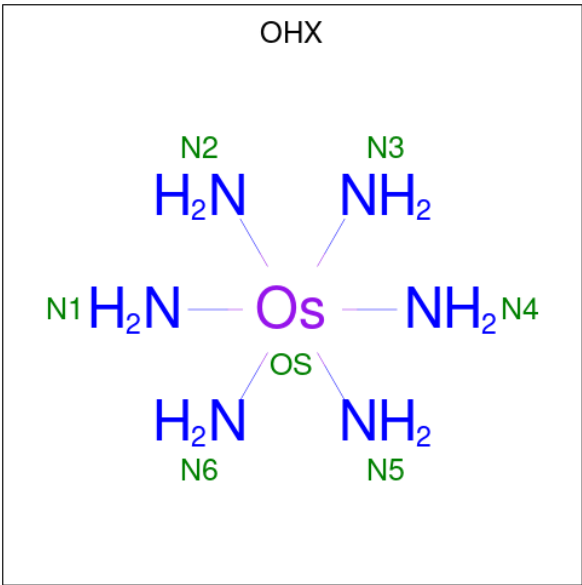
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	O7	1	Total 1	Mg 1	0	0
85	Q2	1	Total 1	Mg 1	0	0
85	6	146	Total 146	Mg 146	0	0
85	s1	1	Total 1	Mg 1	0	0
85	s6	1	Total 1	Mg 1	0	0
85	s8	2	Total 2	Mg 2	0	0
85	c1	1	Total 1	Mg 1	0	0
85	c7	1	Total 1	Mg 1	0	0
85	c8	1	Total 1	Mg 1	0	0
85	c9	1	Total 1	Mg 1	0	0
85	d3	3	Total 3	Mg 3	0	0
85	d4	1	Total 1	Mg 1	0	0
85	d6	1	Total 1	Mg 1	0	0
85	sM	2	Total 2	Mg 2	0	0
85	5	497	Total 497	Mg 497	0	0
85	7	16	Total 16	Mg 16	0	0
85	8	15	Total 15	Mg 15	0	0
85	l2	3	Total 3	Mg 3	0	0
85	l3	3	Total 3	Mg 3	0	0
85	l4	2	Total 2	Mg 2	0	0
85	l5	1	Total 1	Mg 1	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
85	l7	2	Total 2	Mg 2	0	0
85	l8	1	Total 1	Mg 1	0	0
85	m1	2	Total 2	Mg 2	0	0
85	m5	3	Total 3	Mg 3	0	0
85	m6	1	Total 1	Mg 1	0	0
85	m7	5	Total 5	Mg 5	0	0
85	n0	3	Total 3	Mg 3	0	0
85	n3	2	Total 2	Mg 2	0	0
85	n6	1	Total 1	Mg 1	0	0
85	n8	5	Total 5	Mg 5	0	0
85	n9	1	Total 1	Mg 1	0	0
85	o1	1	Total 1	Mg 1	0	0
85	o3	1	Total 1	Mg 1	0	0
85	o4	2	Total 2	Mg 2	0	0
85	q0	1	Total 1	Mg 1	0	0
85	q1	1	Total 1	Mg 1	0	0
85	q3	2	Total 2	Mg 2	0	0

- Molecule 86 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		
86	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	2	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	C3	1	Total	N	Os	0	0
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86	C5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	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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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	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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86	1	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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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	3	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	4	1	Total	N	Os	0	0
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86	4	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	L3	1	Total	N	Os	0	0
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86	L4	1	Total	N	Os	0	0
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86	M0	1	Total	N	Os	0	0
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86	M5	1	Total	N	Os	0	0
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86	M7	1	Total	N	Os	0	0
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86	M7	1	Total	N	Os	0	0
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86	M9	1	Total	N	Os	0	0
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86	N9	1	Total	N	Os	0	0
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86	O3	1	Total	N	Os	0	0
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86	O7	1	Total	N	Os	0	0
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86	Q2	1	Total	N	Os	0	0
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86	6	1	Total	N	Os	0	0
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	6	1	Total	N	Os	0	0
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86	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	6	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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86	s1	1	Total	N	Os	0	0
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86	s4	1	Total	N	Os	0	0
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86	s8	1	Total	N	Os	0	0
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86	s9	1	Total	N	Os	0	0
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86	c5	1	Total	N	Os	0	0
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86	d4	1	Total	N	Os	0	0
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86	d9	1	Total	N	Os	0	0
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86	sR	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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86	5	1	Total	N	Os	0	0
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86	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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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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86	7	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		
86	8	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	8	1	Total	N	Os	0	0
			7	6	1		
86	l3	1	Total	N	Os	0	0
			7	6	1		
86	l3	1	Total	N	Os	0	0
			7	6	1		
86	l3	1	Total	N	Os	0	0
			7	6	1		
86	l4	1	Total	N	Os	0	0
			7	6	1		
86	l4	1	Total	N	Os	0	0
			7	6	1		
86	l5	1	Total	N	Os	0	0
			7	6	1		
86	l5	1	Total	N	Os	0	0
			7	6	1		
86	l9	1	Total	N	Os	0	0
			7	6	1		
86	m0	1	Total	N	Os	0	0
			7	6	1		
86	m0	1	Total	N	Os	0	0
			7	6	1		
86	m1	1	Total	N	Os	0	0
			7	6	1		
86	m4	1	Total	N	Os	0	0
			7	6	1		
86	m5	1	Total	N	Os	0	0
			7	6	1		
86	m6	1	Total	N	Os	0	0
			7	6	1		
86	m7	1	Total	N	Os	0	0
			7	6	1		
86	m8	1	Total	N	Os	0	0
			7	6	1		
86	n3	1	Total	N	Os	0	0
			7	6	1		
86	n3	1	Total	N	Os	0	0
			7	6	1		
86	n6	1	Total	N	Os	0	0
			7	6	1		
86	n9	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
86	o2	1	Total	N	Os	0	0
			7	6	1		
86	o3	1	Total	N	Os	0	0
			7	6	1		
86	o7	1	Total	N	Os	0	0
			7	6	1		
86	o7	1	Total	N	Os	0	0
			7	6	1		
86	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 87 is ZINC ION (CCD ID: ZN) (formula: Zn).

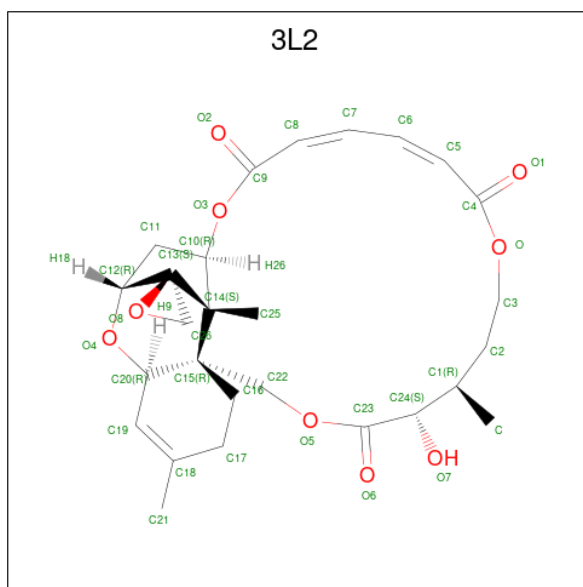
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
87	D6	1	Total	Zn	0	0
			1	1		
87	D7	1	Total	Zn	0	0
			1	1		
87	D9	1	Total	Zn	0	0
			1	1		
87	E1	1	Total	Zn	0	0
			1	1		
87	O7	1	Total	Zn	0	0
			1	1		
87	Q0	1	Total	Zn	0	0
			1	1		
87	Q2	1	Total	Zn	0	0
			1	1		
87	Q3	1	Total	Zn	0	0
			1	1		
87	d6	1	Total	Zn	0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

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
87	q2	1	Total	Zn	0	0
			1	1		
87	q3	1	Total	Zn	0	0
			1	1		

- Molecule 88 is (4S,5R,10E,12Z,16R,16aS,17S,18R,19aR,23aR)-4-hydroxy-5,16a,21-trimethyl-4,5,6,7,16,16a,22,23-octahydro-3H,18H,19aH-spiro[16,18-methano[1,6,12]trioxacyclooctadecino[3,4-d]chromene-17,2'-oxirane]-3,9,14-trione (CCD ID: 3L2) (formula: C₂₇H₃₄O₉).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
88	1	1	Total	C	O	0	0
			36	27	9		
88	5	1	Total	C	O	0	0
			36	27	9		

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	434.39Å 285.58Å 303.06Å 90.00° 98.99° 90.00°	Depositor
Resolution (Å)	49.88 – 3.20 49.88 – 3.20	Depositor EDS
% Data completeness (in resolution range)	99.9 (49.88-3.20) 99.8 (49.88-3.20)	Depositor EDS
R_{merge}	0.34	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.30 (at 3.19Å)	Xtriage
Refinement program	PHENIX (phenix.refine: dev_1702)	Depositor
R, R_{free}	0.212 , 0.262 0.213 , 0.262	Depositor DCC
R_{free} test set	23901 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å ²)	72.4	Xtriage
Anisotropy	0.130	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.30 , 65.6	EDS
L-test for twinning ²	$\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.29$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.91	EDS
Total number of atoms	411230	wwPDB-VP
Average B, all atoms (Å ²)	65.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.43% 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 2560 ligands modelled in this entry, 1426 are monoatomic - leaving 1134 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	$\# Z > 2$
86	OHX	6	2074	-	0,6,6	-	-	-		
86	OHX	8	222	-	0,6,6	-	-	-		
86	OHX	2	2135	-	0,6,6	-	-	-		
86	OHX	5	3906	-	0,6,6	-	-	-		
86	OHX	1	4089	-	0,6,6	-	-	-		
86	OHX	6	2082	-	0,6,6	-	-	-		
86	OHX	2	2138	-	0,6,6	-	-	-		
86	OHX	1	4072	-	0,6,6	-	-	-		
86	OHX	6	2061	-	0,6,6	-	-	-		
86	OHX	6	2105	-	0,6,6	-	-	-		
86	OHX	5	4167	-	0,6,6	-	-	-		
86	OHX	8	224	-	0,6,6	-	-	-		
86	OHX	5	4158	-	0,6,6	-	-	-		
86	OHX	5	4206	-	0,6,6	-	-	-		
86	OHX	2	2105	-	0,6,6	-	-	-		
86	OHX	5	3963	-	0,6,6	-	-	-		
86	OHX	2	2143	-	0,6,6	-	-	-		
86	OHX	7	225	-	0,6,6	-	-	-		
86	OHX	5	3939	-	0,6,6	-	-	-		
86	OHX	6	2157	-	0,6,6	-	-	-		
86	OHX	2	2139	-	0,6,6	-	-	-		
86	OHX	1	3940	-	0,6,6	-	-	-		
86	OHX	1	4170	-	0,6,6	-	-	-		
86	OHX	5	4050	-	0,6,6	-	-	-		
86	OHX	2	2067	-	0,6,6	-	-	-		
86	OHX	5	4196	-	0,6,6	-	-	-		
86	OHX	5	4245	-	0,6,6	-	-	-		
86	OHX	2	2061	-	0,6,6	-	-	-		
86	OHX	6	2165	-	0,6,6	-	-	-		
86	OHX	6	2184	-	0,6,6	-	-	-		
86	OHX	1	3864	-	0,6,6	-	-	-		
86	OHX	5	4026	-	0,6,6	-	-	-		
86	OHX	1	4065	-	0,6,6	-	-	-		
86	OHX	5	4133	-	0,6,6	-	-	-		
86	OHX	5	4220	-	0,6,6	-	-	-		
86	OHX	5	4232	-	0,6,6	-	-	-		
86	OHX	1	4023	-	0,6,6	-	-	-		
86	OHX	1	3891	-	0,6,6	-	-	-		
86	OHX	1	3914	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	C5	201	-	0,6,6	-	-	-		
86	OHX	5	4209	-	0,6,6	-	-	-		
86	OHX	s8	303	-	0,6,6	-	-	-		
86	OHX	2	2145	-	0,6,6	-	-	-		
86	OHX	2	2091	-	0,6,6	-	-	-		
86	OHX	1	4166	-	0,6,6	-	-	-		
86	OHX	1	3997	-	0,6,6	-	-	-		
86	OHX	6	2053	-	0,6,6	-	-	-		
86	OHX	2	2176	-	0,6,6	-	-	-		
86	OHX	6	2079	-	0,6,6	-	-	-		
86	OHX	6	2103	-	0,6,6	-	-	-		
86	OHX	6	2116	-	0,6,6	-	-	-		
86	OHX	5	3913	-	0,6,6	-	-	-		
86	OHX	5	4073	-	0,6,6	-	-	-		
86	OHX	2	2027	-	0,6,6	-	-	-		
86	OHX	2	2087	-	0,6,6	-	-	-		
86	OHX	5	4057	-	0,6,6	-	-	-		
86	OHX	1	3899	-	0,6,6	-	-	-		
86	OHX	1	4009	-	0,6,6	-	-	-		
86	OHX	5	4076	-	0,6,6	-	-	-		
86	OHX	5	4204	-	0,6,6	-	-	-		
86	OHX	2	2058	-	0,6,6	-	-	-		
86	OHX	1	4142	-	0,6,6	-	-	-		
86	OHX	7	224	-	0,6,6	-	-	-		
86	OHX	5	4080	-	0,6,6	-	-	-		
86	OHX	1	3953	-	0,6,6	-	-	-		
86	OHX	5	4223	-	0,6,6	-	-	-		
86	OHX	5	3976	-	0,6,6	-	-	-		
86	OHX	2	2050	-	0,6,6	-	-	-		
86	OHX	2	2051	-	0,6,6	-	-	-		
86	OHX	1	4207	-	0,6,6	-	-	-		
86	OHX	6	2083	-	0,6,6	-	-	-		
86	OHX	5	4203	-	0,6,6	-	-	-		
86	OHX	6	2048	-	0,6,6	-	-	-		
86	OHX	5	4187	-	0,6,6	-	-	-		
86	OHX	6	2106	-	0,6,6	-	-	-		
86	OHX	5	4149	-	0,6,6	-	-	-		
86	OHX	19	600	-	0,6,6	-	-	-		
86	OHX	1	4117	-	0,6,6	-	-	-		
86	OHX	6	2120	-	0,6,6	-	-	-		
86	OHX	S8	302	-	0,6,6	-	-	-		
86	OHX	s1	302	-	0,6,6	-	-	-		
86	OHX	1	4044	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	3967	-	0,6,6	-	-	-		
86	OHX	7	226	-	0,6,6	-	-	-		
86	OHX	5	3999	-	0,6,6	-	-	-		
86	OHX	5	3949	-	0,6,6	-	-	-		
86	OHX	6	2102	-	0,6,6	-	-	-		
86	OHX	5	4235	-	0,6,6	-	-	-		
86	OHX	1	3936	-	0,6,6	-	-	-		
86	OHX	2	2052	-	0,6,6	-	-	-		
86	OHX	2	2064	-	0,6,6	-	-	-		
86	OHX	5	4059	-	0,6,6	-	-	-		
86	OHX	2	2118	-	0,6,6	-	-	-		
86	OHX	1	3987	-	0,6,6	-	-	-		
86	OHX	2	2166	-	0,6,6	-	-	-		
86	OHX	1	4097	-	0,6,6	-	-	-		
86	OHX	2	2120	-	0,6,6	-	-	-		
86	OHX	1	4058	-	0,6,6	-	-	-		
86	OHX	1	4183	-	0,6,6	-	-	-		
86	OHX	6	2065	-	0,6,6	-	-	-		
86	OHX	6	2167	-	0,6,6	-	-	-		
86	OHX	5	4025	-	0,6,6	-	-	-		
86	OHX	1	4107	-	0,6,6	-	-	-		
86	OHX	1	3958	-	0,6,6	-	-	-		
86	OHX	1	4206	-	0,6,6	-	-	-		
86	OHX	1	3970	-	0,6,6	-	-	-		
86	OHX	6	2122	-	0,6,6	-	-	-		
86	OHX	5	3910	-	0,6,6	-	-	-		
86	OHX	1	4026	-	0,6,6	-	-	-		
86	OHX	5	4237	-	0,6,6	-	-	-		
86	OHX	SR	401	-	0,6,6	-	-	-		
86	OHX	1	3945	-	0,6,6	-	-	-		
86	OHX	1	4143	-	0,6,6	-	-	-		
86	OHX	2	2080	-	0,6,6	-	-	-		
86	OHX	1	3912	-	0,6,6	-	-	-		
86	OHX	6	2089	-	0,6,6	-	-	-		
86	OHX	6	2148	-	0,6,6	-	-	-		
86	OHX	5	3962	-	0,6,6	-	-	-		
86	OHX	C3	201	-	0,6,6	-	-	-		
86	OHX	4	239	-	0,6,6	-	-	-		
86	OHX	5	3954	-	0,6,6	-	-	-		
86	OHX	5	4017	-	0,6,6	-	-	-		
86	OHX	6	2190	-	0,6,6	-	-	-		
86	OHX	5	3894	-	0,6,6	-	-	-		
86	OHX	1	4032	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	3930	-	0,6,6	-	-	-		
86	OHX	6	2099	-	0,6,6	-	-	-		
86	OHX	5	3903	-	0,6,6	-	-	-		
86	OHX	5	4129	-	0,6,6	-	-	-		
86	OHX	1	3956	-	0,6,6	-	-	-		
86	OHX	1	4104	-	0,6,6	-	-	-		
86	OHX	6	2100	-	0,6,6	-	-	-		
86	OHX	1	3937	-	0,6,6	-	-	-		
86	OHX	6	2201	-	0,6,6	-	-	-		
86	OHX	5	4078	-	0,6,6	-	-	-		
86	OHX	1	4069	-	0,6,6	-	-	-		
86	OHX	6	2175	-	0,6,6	-	-	-		
86	OHX	M7	204	-	0,6,6	-	-	-		
86	OHX	2	2134	-	0,6,6	-	-	-		
86	OHX	5	3932	-	0,6,6	-	-	-		
86	OHX	5	3921	-	0,6,6	-	-	-		
86	OHX	1	4011	-	0,6,6	-	-	-		
86	OHX	5	3952	-	0,6,6	-	-	-		
86	OHX	5	4062	-	0,6,6	-	-	-		
86	OHX	5	4019	-	0,6,6	-	-	-		
86	OHX	5	4180	-	0,6,6	-	-	-		
86	OHX	2	2086	-	0,6,6	-	-	-		
86	OHX	5	4186	-	0,6,6	-	-	-		
86	OHX	8	230	-	0,6,6	-	-	-		
86	OHX	4	238	-	0,6,6	-	-	-		
86	OHX	1	3906	-	0,6,6	-	-	-		
86	OHX	1	4056	-	0,6,6	-	-	-		
86	OHX	6	2058	-	0,6,6	-	-	-		
86	OHX	6	2070	-	0,6,6	-	-	-		
86	OHX	1	4154	-	0,6,6	-	-	-		
86	OHX	1	3908	-	0,6,6	-	-	-		
86	OHX	3	217	-	0,6,6	-	-	-		
86	OHX	8	231	-	0,6,6	-	-	-		
86	OHX	6	2137	-	0,6,6	-	-	-		
86	OHX	m6	202	-	0,6,6	-	-	-		
86	OHX	1	4164	-	0,6,6	-	-	-		
86	OHX	n6	202	-	0,6,6	-	-	-		
86	OHX	7	217	-	0,6,6	-	-	-		
86	OHX	5	4169	-	0,6,6	-	-	-		
86	OHX	2	2040	-	0,6,6	-	-	-		
86	OHX	6	2111	-	0,6,6	-	-	-		
86	OHX	5	4188	-	0,6,6	-	-	-		
86	OHX	1	4031	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4048	-	0,6,6	-	-	-		
86	OHX	1	4119	-	0,6,6	-	-	-		
86	OHX	3	216	-	0,6,6	-	-	-		
86	OHX	1	4068	-	0,6,6	-	-	-		
86	OHX	2	2076	-	0,6,6	-	-	-		
86	OHX	1	4059	-	0,6,6	-	-	-		
86	OHX	3	225	-	0,6,6	-	-	-		
86	OHX	5	3942	-	0,6,6	-	-	-		
86	OHX	5	3985	-	0,6,6	-	-	-		
86	OHX	5	4185	-	0,6,6	-	-	-		
86	OHX	1	4042	-	0,6,6	-	-	-		
86	OHX	4	234	-	0,6,6	-	-	-		
86	OHX	2	2095	-	0,6,6	-	-	-		
86	OHX	1	4162	-	0,6,6	-	-	-		
86	OHX	6	2115	-	0,6,6	-	-	-		
86	OHX	1	4155	-	0,6,6	-	-	-		
86	OHX	1	3941	-	0,6,6	-	-	-		
86	OHX	6	2143	-	0,6,6	-	-	-		
86	OHX	6	2187	1	0,6,6	-	-	-		
86	OHX	5	4194	-	0,6,6	-	-	-		
86	OHX	5	4197	-	0,6,6	-	-	-		
86	OHX	1	4003	-	0,6,6	-	-	-		
86	OHX	2	2154	-	0,6,6	-	-	-		
86	OHX	1	4178	-	0,6,6	-	-	-		
86	OHX	1	3979	-	0,6,6	-	-	-		
86	OHX	1	3994	-	0,6,6	-	-	-		
86	OHX	1	4165	-	0,6,6	-	-	-		
86	OHX	5	4029	-	0,6,6	-	-	-		
86	OHX	6	2069	-	0,6,6	-	-	-		
86	OHX	2	2045	-	0,6,6	-	-	-		
86	OHX	1	4140	-	0,6,6	-	-	-		
86	OHX	2	2081	-	0,6,6	-	-	-		
86	OHX	2	2062	-	0,6,6	-	-	-		
86	OHX	5	3929	-	0,6,6	-	-	-		
86	OHX	5	4032	-	0,6,6	-	-	-		
86	OHX	5	4104	-	0,6,6	-	-	-		
86	OHX	2	2151	-	0,6,6	-	-	-		
86	OHX	1	3952	-	0,6,6	-	-	-		
86	OHX	1	4084	-	0,6,6	-	-	-		
86	OHX	5	3989	-	0,6,6	-	-	-		
86	OHX	5	4070	-	0,6,6	-	-	-		
86	OHX	5	4146	-	0,6,6	-	-	-		
86	OHX	5	4044	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4050	-	0,6,6	-	-	-		
86	OHX	6	2080	-	0,6,6	-	-	-		
86	OHX	1	4082	-	0,6,6	-	-	-		
86	OHX	6	2185	-	0,6,6	-	-	-		
86	OHX	5	4224	-	0,6,6	-	-	-		
86	OHX	8	219	-	0,6,6	-	-	-		
86	OHX	6	2091	-	0,6,6	-	-	-		
86	OHX	2	2103	-	0,6,6	-	-	-		
86	OHX	6	2135	-	0,6,6	-	-	-		
86	OHX	6	2176	-	0,6,6	-	-	-		
86	OHX	6	2169	-	0,6,6	-	-	-		
86	OHX	6	2191	-	0,6,6	-	-	-		
86	OHX	5	4091	-	0,6,6	-	-	-		
86	OHX	1	4182	-	0,6,6	-	-	-		
86	OHX	1	3961	-	0,6,6	-	-	-		
86	OHX	5	4094	-	0,6,6	-	-	-		
86	OHX	5	4106	-	0,6,6	-	-	-		
86	OHX	6	2114	-	0,6,6	-	-	-		
86	OHX	1	3960	-	0,6,6	-	-	-		
86	OHX	1	4022	-	0,6,6	-	-	-		
86	OHX	6	2152	-	0,6,6	-	-	-		
86	OHX	3	220	-	0,6,6	-	-	-		
86	OHX	1	3909	-	0,6,6	-	-	-		
86	OHX	1	3879	-	0,6,6	-	-	-		
86	OHX	6	2133	-	0,6,6	-	-	-		
86	OHX	2	2150	-	0,6,6	-	-	-		
86	OHX	5	3965	-	0,6,6	-	-	-		
86	OHX	3	218	-	0,6,6	-	-	-		
86	OHX	5	4145	-	0,6,6	-	-	-		
86	OHX	5	3912	-	0,6,6	-	-	-		
86	OHX	3	215	-	0,6,6	-	-	-		
86	OHX	1	4114	-	0,6,6	-	-	-		
86	OHX	1	4187	-	0,6,6	-	-	-		
86	OHX	1	3983	-	0,6,6	-	-	-		
86	OHX	6	2090	-	0,6,6	-	-	-		
86	OHX	5	3984	-	0,6,6	-	-	-		
86	OHX	6	2136	-	0,6,6	-	-	-		
86	OHX	1	4185	-	0,6,6	-	-	-		
86	OHX	6	2182	-	0,6,6	-	-	-		
86	OHX	5	4108	-	0,6,6	-	-	-		
86	OHX	15	303	-	0,6,6	-	-	-		
86	OHX	5	3959	-	0,6,6	-	-	-		
86	OHX	5	4191	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	3868	-	0,6,6	-	-	-		
86	OHX	4	231	-	0,6,6	-	-	-		
86	OHX	6	2109	-	0,6,6	-	-	-		
86	OHX	1	3963	-	0,6,6	-	-	-		
86	OHX	1	4034	-	0,6,6	-	-	-		
86	OHX	6	2160	-	0,6,6	-	-	-		
86	OHX	1	4172	-	0,6,6	-	-	-		
86	OHX	1	4095	-	0,6,6	-	-	-		
86	OHX	2	2146	-	0,6,6	-	-	-		
86	OHX	d4	202	-	0,6,6	-	-	-		
86	OHX	5	3969	-	0,6,6	-	-	-		
86	OHX	5	4043	-	0,6,6	-	-	-		
86	OHX	5	4016	-	0,6,6	-	-	-		
86	OHX	6	2110	-	0,6,6	-	-	-		
86	OHX	6	2052	-	0,6,6	-	-	-		
86	OHX	m0	302	-	0,6,6	-	-	-		
86	OHX	2	2078	-	0,6,6	-	-	-		
86	OHX	s1	303	-	0,6,6	-	-	-		
86	OHX	5	4171	-	0,6,6	-	-	-		
86	OHX	1	4139	-	0,6,6	-	-	-		
86	OHX	1	3933	-	0,6,6	-	-	-		
86	OHX	5	3897	-	0,6,6	-	-	-		
86	OHX	1	3949	-	0,6,6	-	-	-		
86	OHX	2	2157	-	0,6,6	-	-	-		
86	OHX	2	2069	-	0,6,6	-	-	-		
86	OHX	1	4190	-	0,6,6	-	-	-		
86	OHX	5	4193	-	0,6,6	-	-	-		
86	OHX	1	4076	-	0,6,6	-	-	-		
86	OHX	6	2125	-	0,6,6	-	-	-		
86	OHX	5	4170	-	0,6,6	-	-	-		
86	OHX	5	4097	-	0,6,6	-	-	-		
86	OHX	6	2066	-	0,6,6	-	-	-		
86	OHX	1	4161	-	0,6,6	-	-	-		
86	OHX	5	4168	-	0,6,6	-	-	-		
86	OHX	s4	301	-	0,6,6	-	-	-		
86	OHX	8	228	-	0,6,6	-	-	-		
86	OHX	5	4021	-	0,6,6	-	-	-		
86	OHX	1	3867	-	0,6,6	-	-	-		
86	OHX	1	3876	-	0,6,6	-	-	-		
86	OHX	1	4127	-	0,6,6	-	-	-		
86	OHX	1	4024	-	0,6,6	-	-	-		
86	OHX	3	221	-	0,6,6	-	-	-		
86	OHX	1	4080	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	o3	202	-	0,6,6	-	-	-		
86	OHX	2	2140	-	0,6,6	-	-	-		
86	OHX	2	2022	-	0,6,6	-	-	-		
86	OHX	5	4226	-	0,6,6	-	-	-		
86	OHX	1	4179	-	0,6,6	-	-	-		
86	OHX	1	4174	-	0,6,6	-	-	-		
86	OHX	1	4099	-	0,6,6	-	-	-		
86	OHX	6	2132	-	0,6,6	-	-	-		
86	OHX	6	2158	-	0,6,6	-	-	-		
86	OHX	o2	201	-	0,6,6	-	-	-		
86	OHX	6	2077	-	0,6,6	-	-	-		
86	OHX	1	4029	-	0,6,6	-	-	-		
86	OHX	5	4161	-	0,6,6	-	-	-		
86	OHX	5	3927	-	0,6,6	-	-	-		
86	OHX	6	2117	-	0,6,6	-	-	-		
86	OHX	8	223	-	0,6,6	-	-	-		
86	OHX	1	4191	-	0,6,6	-	-	-		
86	OHX	5	4181	-	0,6,6	-	-	-		
86	OHX	1	3921	-	0,6,6	-	-	-		
86	OHX	5	4230	-	0,6,6	-	-	-		
86	OHX	6	2149	-	0,6,6	-	-	-		
86	OHX	1	4051	-	0,6,6	-	-	-		
86	OHX	5	4160	-	0,6,6	-	-	-		
86	OHX	14	404	-	0,6,6	-	-	-		
86	OHX	6	2163	-	0,6,6	-	-	-		
86	OHX	8	226	-	0,6,6	-	-	-		
86	OHX	5	4147	-	0,6,6	-	-	-		
86	OHX	2	2160	-	0,6,6	-	-	-		
86	OHX	6	2063	-	0,6,6	-	-	-		
86	OHX	2	2075	-	0,6,6	-	-	-		
86	OHX	6	2119	-	0,6,6	-	-	-		
86	OHX	6	2180	-	0,6,6	-	-	-		
86	OHX	1	4030	-	0,6,6	-	-	-		
86	OHX	6	2194	-	0,6,6	-	-	-		
86	OHX	5	4037	-	0,6,6	-	-	-		
86	OHX	5	4215	-	0,6,6	-	-	-		
86	OHX	6	2168	-	0,6,6	-	-	-		
86	OHX	6	2156	-	0,6,6	-	-	-		
86	OHX	2	2032	-	0,6,6	-	-	-		
86	OHX	1	4112	-	0,6,6	-	-	-		
86	OHX	1	4132	-	0,6,6	-	-	-		
86	OHX	5	4085	-	0,6,6	-	-	-		
86	OHX	1	4146	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2076	-	0,6,6	-	-	-		
86	OHX	5	3982	-	0,6,6	-	-	-		
86	OHX	1	3988	-	0,6,6	-	-	-		
86	OHX	5	4066	-	0,6,6	-	-	-		
86	OHX	2	2110	-	0,6,6	-	-	-		
86	OHX	1	4171	-	0,6,6	-	-	-		
86	OHX	2	2115	-	0,6,6	-	-	-		
86	OHX	5	4072	-	0,6,6	-	-	-		
86	OHX	5	4114	-	0,6,6	-	-	-		
86	OHX	5	4109	-	0,6,6	-	-	-		
86	OHX	2	2057	-	0,6,6	-	-	-		
86	OHX	5	4151	-	0,6,6	-	-	-		
86	OHX	6	2086	-	0,6,6	-	-	-		
86	OHX	2	2099	-	0,6,6	-	-	-		
86	OHX	6	2154	-	0,6,6	-	-	-		
86	OHX	1	4177	-	0,6,6	-	-	-		
86	OHX	6	2145	-	0,6,6	-	-	-		
86	OHX	2	2137	-	0,6,6	-	-	-		
86	OHX	2	2100	-	0,6,6	-	-	-		
86	OHX	1	4091	-	0,6,6	-	-	-		
86	OHX	5	4100	-	0,6,6	-	-	-		
86	OHX	1	4197	-	0,6,6	-	-	-		
86	OHX	5	4201	-	0,6,6	-	-	-		
86	OHX	5	4236	-	0,6,6	-	-	-		
86	OHX	6	2062	-	0,6,6	-	-	-		
86	OHX	2	2096	-	0,6,6	-	-	-		
86	OHX	1	4102	-	0,6,6	-	-	-		
86	OHX	5	4128	-	0,6,6	-	-	-		
86	OHX	6	2056	-	0,6,6	-	-	-		
86	OHX	1	3895	-	0,6,6	-	-	-		
86	OHX	1	4027	-	0,6,6	-	-	-		
86	OHX	O7	104	-	0,6,6	-	-	-		
86	OHX	5	3996	-	0,6,6	-	-	-		
86	OHX	1	4181	-	0,6,6	-	-	-		
86	OHX	6	2098	-	0,6,6	-	-	-		
86	OHX	1	3989	-	0,6,6	-	-	-		
86	OHX	2	2085	-	0,6,6	-	-	-		
86	OHX	c3	201	-	0,6,6	-	-	-		
86	OHX	5	3931	-	0,6,6	-	-	-		
86	OHX	2	2034	-	0,6,6	-	-	-		
86	OHX	1	4020	-	0,6,6	-	-	-		
86	OHX	1	3865	-	0,6,6	-	-	-		
86	OHX	2	2132	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2093	-	0,6,6	-	-	-		
86	OHX	1	4153	-	0,6,6	-	-	-		
86	OHX	6	2140	-	0,6,6	-	-	-		
86	OHX	6	2121	-	0,6,6	-	-	-		
86	OHX	5	3980	-	0,6,6	-	-	-		
86	OHX	M0	303	-	0,6,6	-	-	-		
86	OHX	4	230	-	0,6,6	-	-	-		
86	OHX	1	4211	-	0,6,6	-	-	-		
86	OHX	6	2112	-	0,6,6	-	-	-		
86	OHX	5	3899	-	0,6,6	-	-	-		
86	OHX	5	4214	-	0,6,6	-	-	-		
86	OHX	1	3892	-	0,6,6	-	-	-		
86	OHX	1	4079	-	0,6,6	-	-	-		
86	OHX	6	2084	-	0,6,6	-	-	-		
86	OHX	5	4150	-	0,6,6	-	-	-		
86	OHX	m0	301	-	0,6,6	-	-	-		
86	OHX	5	4056	-	0,6,6	-	-	-		
86	OHX	m5	304	-	0,6,6	-	-	-		
86	OHX	1	3934	-	0,6,6	-	-	-		
86	OHX	1	3925	-	0,6,6	-	-	-		
86	OHX	1	3950	-	0,6,6	-	-	-		
86	OHX	5	4207	-	0,6,6	-	-	-		
86	OHX	2	2060	-	0,6,6	-	-	-		
86	OHX	1	4134	-	0,6,6	-	-	-		
86	OHX	5	4042	-	0,6,6	-	-	-		
86	OHX	N1	201	-	0,6,6	-	-	-		
86	OHX	1	4173	-	0,6,6	-	-	-		
86	OHX	5	4208	-	0,6,6	-	-	-		
86	OHX	1	4012	-	0,6,6	-	-	-		
86	OHX	6	2072	-	0,6,6	-	-	-		
86	OHX	1	4017	-	0,6,6	-	-	-		
86	OHX	1	4126	-	0,6,6	-	-	-		
86	OHX	4	235	-	0,6,6	-	-	-		
86	OHX	1	4151	-	0,6,6	-	-	-		
86	OHX	2	2037	-	0,6,6	-	-	-		
86	OHX	1	4195	-	0,6,6	-	-	-		
86	OHX	5	3915	-	0,6,6	-	-	-		
86	OHX	2	2108	-	0,6,6	-	-	-		
86	OHX	5	3994	-	0,6,6	-	-	-		
86	OHX	6	2183	-	0,6,6	-	-	-		
86	OHX	1	3918	-	0,6,6	-	-	-		
86	OHX	5	4001	-	0,6,6	-	-	-		
86	OHX	5	4138	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	3888	-	0,6,6	-	-	-		
86	OHX	2	2088	-	0,6,6	-	-	-		
86	OHX	8	221	-	0,6,6	-	-	-		
86	OHX	1	4094	-	0,6,6	-	-	-		
86	OHX	5	3936	-	0,6,6	-	-	-		
86	OHX	5	4162	-	0,6,6	-	-	-		
86	OHX	5	4011	-	0,6,6	-	-	-		
86	OHX	1	4201	-	0,6,6	-	-	-		
86	OHX	5	4058	-	0,6,6	-	-	-		
86	OHX	2	2035	-	0,6,6	-	-	-		
86	OHX	1	4128	-	0,6,6	-	-	-		
86	OHX	d9	102	-	0,6,6	-	-	-		
86	OHX	5	4063	-	0,6,6	-	-	-		
86	OHX	5	4107	-	0,6,6	-	-	-		
86	OHX	5	3970	-	0,6,6	-	-	-		
86	OHX	5	4165	-	0,6,6	-	-	-		
86	OHX	6	2093	-	0,6,6	-	-	-		
86	OHX	2	2066	-	0,6,6	-	-	-		
86	OHX	5	4069	-	0,6,6	-	-	-		
86	OHX	6	2171	-	0,6,6	-	-	-		
86	OHX	5	4148	-	0,6,6	-	-	-		
86	OHX	1	4202	-	0,6,6	-	-	-		
86	OHX	2	2042	-	0,6,6	-	-	-		
86	OHX	6	2198	-	0,6,6	-	-	-		
86	OHX	6	2146	-	0,6,6	-	-	-		
86	OHX	2	2098	-	0,6,6	-	-	-		
86	OHX	1	4010	-	0,6,6	-	-	-		
86	OHX	2	2025	-	0,6,6	-	-	-		
86	OHX	1	3869	-	0,6,6	-	-	-		
86	OHX	2	2123	-	0,6,6	-	-	-		
86	OHX	5	3956	-	0,6,6	-	-	-		
86	OHX	5	4239	-	0,6,6	-	-	-		
86	OHX	5	4110	-	0,6,6	-	-	-		
86	OHX	6	2193	-	0,6,6	-	-	-		
86	OHX	6	2138	-	0,6,6	-	-	-		
86	OHX	C8	201	-	0,6,6	-	-	-		
86	OHX	1	4075	-	0,6,6	-	-	-		
86	OHX	4	228	-	0,6,6	-	-	-		
86	OHX	5	3928	-	0,6,6	-	-	-		
86	OHX	6	2075	-	0,6,6	-	-	-		
86	OHX	4	227	-	0,6,6	-	-	-		
86	OHX	5	4157	-	0,6,6	-	-	-		
86	OHX	5	4243	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	Q2	503	-	0,6,6	-	-	-		
86	OHX	6	2170	-	0,6,6	-	-	-		
86	OHX	5	4005	-	0,6,6	-	-	-		
86	OHX	1	4033	-	0,6,6	-	-	-		
86	OHX	4	237	-	0,6,6	-	-	-		
86	OHX	5	4099	-	0,6,6	-	-	-		
86	OHX	2	2129	-	0,6,6	-	-	-		
86	OHX	1	4121	-	0,6,6	-	-	-		
86	OHX	5	3895	-	0,6,6	-	-	-		
86	OHX	6	2067	-	0,6,6	-	-	-		
86	OHX	1	4066	-	0,6,6	-	-	-		
86	OHX	2	2044	-	0,6,6	-	-	-		
86	OHX	5	3983	-	0,6,6	-	-	-		
86	OHX	5	4067	-	0,6,6	-	-	-		
86	OHX	5	4154	-	0,6,6	-	-	-		
86	OHX	5	3908	-	0,6,6	-	-	-		
86	OHX	5	4061	-	0,6,6	-	-	-		
86	OHX	1	4054	-	0,6,6	-	-	-		
86	OHX	1	4109	-	0,6,6	-	-	-		
86	OHX	3	224	-	0,6,6	-	-	-		
86	OHX	5	4118	-	0,6,6	-	-	-		
86	OHX	1	4100	-	0,6,6	-	-	-		
86	OHX	5	3998	-	0,6,6	-	-	-		
86	OHX	5	4238	-	0,6,6	-	-	-		
86	OHX	5	4031	-	0,6,6	-	-	-		
86	OHX	1	4147	-	0,6,6	-	-	-		
86	OHX	5	3947	-	0,6,6	-	-	-		
86	OHX	5	4119	-	0,6,6	-	-	-		
86	OHX	8	220	-	0,6,6	-	-	-		
86	OHX	1	4038	-	0,6,6	-	-	-		
86	OHX	2	2073	-	0,6,6	-	-	-		
86	OHX	5	4156	-	0,6,6	-	-	-		
86	OHX	1	3913	-	0,6,6	-	-	-		
86	OHX	5	4065	-	0,6,6	-	-	-		
86	OHX	1	3917	-	0,6,6	-	-	-		
86	OHX	5	4155	-	0,6,6	-	-	-		
86	OHX	1	3907	-	0,6,6	-	-	-		
86	OHX	1	3931	-	0,6,6	-	-	-		
86	OHX	1	4083	-	0,6,6	-	-	-		
86	OHX	5	3933	-	0,6,6	-	-	-		
86	OHX	6	2172	-	0,6,6	-	-	-		
86	OHX	5	4003	-	0,6,6	-	-	-		
86	OHX	1	4120	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2107	-	0,6,6	-	-	-		
86	OHX	2	2094	-	0,6,6	-	-	-		
86	OHX	5	3979	-	0,6,6	-	-	-		
88	3L2	5	4246	-	40,40,40	1.28	7 (17%)	60,62,62	1.69	9 (15%)
86	OHX	5	4202	-	0,6,6	-	-	-		
86	OHX	2	2031	-	0,6,6	-	-	-		
86	OHX	2	2125	-	0,6,6	-	-	-		
86	OHX	1	4148	-	0,6,6	-	-	-		
86	OHX	5	4081	-	0,6,6	-	-	-		
86	OHX	1	4115	-	0,6,6	-	-	-		
86	OHX	5	3902	-	0,6,6	-	-	-		
86	OHX	5	4028	-	0,6,6	-	-	-		
86	OHX	5	4213	-	0,6,6	-	-	-		
86	OHX	1	4203	-	0,6,6	-	-	-		
86	OHX	1	4152	-	0,6,6	-	-	-		
86	OHX	1	3951	-	0,6,6	-	-	-		
86	OHX	1	3999	-	0,6,6	-	-	-		
86	OHX	5	4002	-	0,6,6	-	-	-		
86	OHX	5	4182	-	0,6,6	-	-	-		
86	OHX	1	4125	-	0,6,6	-	-	-		
86	OHX	7	223	-	0,6,6	-	-	-		
86	OHX	2	2127	-	0,6,6	-	-	-		
86	OHX	1	4113	-	0,6,6	-	-	-		
86	OHX	5	4179	-	0,6,6	-	-	-		
86	OHX	5	4022	-	0,6,6	-	-	-		
86	OHX	2	2109	-	0,6,6	-	-	-		
86	OHX	1	3967	-	0,6,6	-	-	-		
86	OHX	2	2077	-	0,6,6	-	-	-		
86	OHX	1	3915	-	0,6,6	-	-	-		
86	OHX	1	4098	-	0,6,6	-	-	-		
86	OHX	1	4158	-	0,6,6	-	-	-		
86	OHX	1	4006	-	0,6,6	-	-	-		
86	OHX	1	4138	-	0,6,6	-	-	-		
86	OHX	1	4039	-	0,6,6	-	-	-		
86	OHX	1	4189	-	0,6,6	-	-	-		
86	OHX	2	2162	-	0,6,6	-	-	-		
86	OHX	1	3877	-	0,6,6	-	-	-		
86	OHX	6	2153	-	0,6,6	-	-	-		
86	OHX	5	4075	-	0,6,6	-	-	-		
86	OHX	5	4153	-	0,6,6	-	-	-		
86	OHX	2	2170	-	0,6,6	-	-	-		
86	OHX	2	2039	-	0,6,6	-	-	-		
86	OHX	4	226	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4049	-	0,6,6	-	-	-		
86	OHX	5	4217	-	0,6,6	-	-	-		
86	OHX	1	3866	-	0,6,6	-	-	-		
86	OHX	6	2142	-	0,6,6	-	-	-		
86	OHX	2	2047	-	0,6,6	-	-	-		
86	OHX	1	3923	-	0,6,6	-	-	-		
86	OHX	2	2178	-	0,6,6	-	-	-		
86	OHX	1	4040	-	0,6,6	-	-	-		
86	OHX	5	4034	-	0,6,6	-	-	-		
86	OHX	5	4030	-	0,6,6	-	-	-		
86	OHX	5	3978	-	0,6,6	-	-	-		
86	OHX	6	2087	-	0,6,6	-	-	-		
86	OHX	5	3916	-	0,6,6	-	-	-		
86	OHX	2	2161	-	0,6,6	-	-	-		
86	OHX	5	4216	-	0,6,6	-	-	-		
86	OHX	1	4209	-	0,6,6	-	-	-		
86	OHX	2	2043	-	0,6,6	-	-	-		
86	OHX	5	3973	-	0,6,6	-	-	-		
86	OHX	1	4168	-	0,6,6	-	-	-		
86	OHX	6	2128	-	0,6,6	-	-	-		
86	OHX	5	3893	-	0,6,6	-	-	-		
86	OHX	5	4052	-	0,6,6	-	-	-		
86	OHX	1	4057	-	0,6,6	-	-	-		
86	OHX	1	3874	-	0,6,6	-	-	-		
86	OHX	1	4103	-	0,6,6	-	-	-		
86	OHX	6	2123	-	0,6,6	-	-	-		
86	OHX	1	3980	-	0,6,6	-	-	-		
86	OHX	1	3927	-	0,6,6	-	-	-		
86	OHX	1	4064	-	0,6,6	-	-	-		
86	OHX	1	4074	-	0,6,6	-	-	-		
86	OHX	6	2129	-	0,6,6	-	-	-		
86	OHX	o7	503	-	0,6,6	-	-	-		
86	OHX	1	4062	-	0,6,6	-	-	-		
86	OHX	1	4014	-	0,6,6	-	-	-		
86	OHX	1	3878	-	0,6,6	-	-	-		
86	OHX	1	4090	-	0,6,6	-	-	-		
86	OHX	N9	101	-	0,6,6	-	-	-		
86	OHX	1	3880	-	0,6,6	-	-	-		
86	OHX	6	2092	-	0,6,6	-	-	-		
86	OHX	5	3991	-	0,6,6	-	-	-		
86	OHX	5	4190	-	0,6,6	-	-	-		
86	OHX	q2	502	-	0,6,6	-	-	-		
86	OHX	2	2056	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	L3	403	-	0,6,6	-	-	-		
86	OHX	1	3890	-	0,6,6	-	-	-		
86	OHX	M9	202	-	0,6,6	-	-	-		
86	OHX	5	4102	-	0,6,6	-	-	-		
86	OHX	1	3873	-	0,6,6	-	-	-		
86	OHX	1	4005	-	0,6,6	-	-	-		
86	OHX	6	2118	-	0,6,6	-	-	-		
86	OHX	1	3946	-	0,6,6	-	-	-		
86	OHX	5	4027	-	0,6,6	-	-	-		
86	OHX	1	4105	-	0,6,6	-	-	-		
86	OHX	5	4111	-	0,6,6	-	-	-		
86	OHX	5	4024	-	0,6,6	-	-	-		
86	OHX	1	4149	-	0,6,6	-	-	-		
86	OHX	5	3905	-	0,6,6	-	-	-		
86	OHX	1	3889	-	0,6,6	-	-	-		
86	OHX	2	2149	-	0,6,6	-	-	-		
86	OHX	3	222	-	0,6,6	-	-	-		
86	OHX	1	4163	-	0,6,6	-	-	-		
86	OHX	1	4144	-	0,6,6	-	-	-		
86	OHX	6	2095	1	0,6,6	-	-	-		
86	OHX	6	2166	-	0,6,6	-	-	-		
86	OHX	6	2189	-	0,6,6	-	-	-		
86	OHX	1	3998	-	0,6,6	-	-	-		
86	OHX	8	217	-	0,6,6	-	-	-		
86	OHX	2	2063	-	0,6,6	-	-	-		
86	OHX	1	3978	-	0,6,6	-	-	-		
86	OHX	5	4212	-	0,6,6	-	-	-		
86	OHX	1	4199	-	0,6,6	-	-	-		
86	OHX	2	2072	-	0,6,6	-	-	-		
86	OHX	1	3986	-	0,6,6	-	-	-		
86	OHX	m1	203	-	0,6,6	-	-	-		
86	OHX	1	3973	-	0,6,6	-	-	-		
86	OHX	5	3926	-	0,6,6	-	-	-		
86	OHX	2	2068	-	0,6,6	-	-	-		
86	OHX	2	2104	-	0,6,6	-	-	-		
86	OHX	2	2112	-	0,6,6	-	-	-		
86	OHX	5	4241	-	0,6,6	-	-	-		
86	OHX	5	4242	-	0,6,6	-	-	-		
86	OHX	1	3974	-	0,6,6	-	-	-		
86	OHX	5	3950	-	0,6,6	-	-	-		
86	OHX	7	220	-	0,6,6	-	-	-		
86	OHX	1	4052	-	0,6,6	-	-	-		
86	OHX	1	4060	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4067	-	0,6,6	-	-	-		
86	OHX	1	4047	-	0,6,6	-	-	-		
86	OHX	7	221	-	0,6,6	-	-	-		
86	OHX	5	4079	-	0,6,6	-	-	-		
86	OHX	5	3940	-	0,6,6	-	-	-		
86	OHX	5	4132	-	0,6,6	-	-	-		
86	OHX	5	4112	-	0,6,6	-	-	-		
86	OHX	c5	201	-	0,6,6	-	-	-		
86	OHX	5	3918	-	0,6,6	-	-	-		
86	OHX	2	2119	-	0,6,6	-	-	-		
86	OHX	6	2046	-	0,6,6	-	-	-		
86	OHX	5	4077	-	0,6,6	-	-	-		
86	OHX	6	2134	-	0,6,6	-	-	-		
86	OHX	1	3972	-	0,6,6	-	-	-		
86	OHX	2	2084	-	0,6,6	-	-	-		
86	OHX	l3	404	-	0,6,6	-	-	-		
86	OHX	6	2097	-	0,6,6	-	-	-		
86	OHX	2	2107	-	0,6,6	-	-	-		
86	OHX	1	4180	-	0,6,6	-	-	-		
86	OHX	6	2094	-	0,6,6	-	-	-		
86	OHX	5	4142	-	0,6,6	-	-	-		
86	OHX	1	4013	-	0,6,6	-	-	-		
86	OHX	6	2127	-	0,6,6	-	-	-		
86	OHX	5	3957	-	0,6,6	-	-	-		
86	OHX	1	4141	-	0,6,6	-	-	-		
86	OHX	6	2202	-	0,6,6	-	-	-		
86	OHX	1	3919	-	0,6,6	-	-	-		
86	OHX	1	3928	-	0,6,6	-	-	-		
86	OHX	1	3984	-	0,6,6	-	-	-		
86	OHX	1	3991	-	0,6,6	-	-	-		
86	OHX	2	2029	-	0,6,6	-	-	-		
86	OHX	2	2147	-	0,6,6	-	-	-		
86	OHX	1	4092	-	0,6,6	-	-	-		
86	OHX	6	2085	-	0,6,6	-	-	-		
86	OHX	1	3924	-	0,6,6	-	-	-		
86	OHX	1	4015	-	0,6,6	-	-	-		
86	OHX	1	3905	-	0,6,6	-	-	-		
86	OHX	5	3898	-	0,6,6	-	-	-		
86	OHX	1	4175	-	0,6,6	-	-	-		
86	OHX	2	2055	-	0,6,6	-	-	-		
86	OHX	2	2092	-	0,6,6	-	-	-		
86	OHX	3	223	-	0,6,6	-	-	-		
86	OHX	O3	201	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4244	-	0,6,6	-	-	-		
86	OHX	5	4086	-	0,6,6	-	-	-		
86	OHX	7	222	-	0,6,6	-	-	-		
86	OHX	5	3911	-	0,6,6	-	-	-		
86	OHX	2	2106	-	0,6,6	-	-	-		
86	OHX	5	4105	-	0,6,6	-	-	-		
86	OHX	6	2126	-	0,6,6	-	-	-		
86	OHX	5	4041	-	0,6,6	-	-	-		
86	OHX	5	4134	-	0,6,6	-	-	-		
86	OHX	2	2113	-	0,6,6	-	-	-		
86	OHX	6	2197	-	0,6,6	-	-	-		
86	OHX	5	4115	-	0,6,6	-	-	-		
86	OHX	1	4043	-	0,6,6	-	-	-		
86	OHX	5	4219	-	0,6,6	-	-	-		
86	OHX	2	2082	-	0,6,6	-	-	-		
86	OHX	5	4211	-	0,6,6	-	-	-		
86	OHX	13	405	-	0,6,6	-	-	-		
86	OHX	5	4113	-	0,6,6	-	-	-		
86	OHX	1	3897	-	0,6,6	-	-	-		
86	OHX	1	4053	-	0,6,6	-	-	-		
86	OHX	6	2045	-	0,6,6	-	-	-		
86	OHX	2	2121	-	0,6,6	-	-	-		
86	OHX	1	4085	-	0,6,6	-	-	-		
86	OHX	5	4039	-	0,6,6	-	-	-		
86	OHX	5	3934	-	0,6,6	-	-	-		
86	OHX	5	3925	-	0,6,6	-	-	-		
86	OHX	5	4143	-	0,6,6	-	-	-		
86	OHX	2	2142	-	0,6,6	-	-	-		
86	OHX	5	4210	-	0,6,6	-	-	-		
86	OHX	2	2036	-	0,6,6	-	-	-		
86	OHX	1	3964	-	0,6,6	-	-	-		
86	OHX	2	2165	-	0,6,6	-	-	-		
86	OHX	1	3870	-	0,6,6	-	-	-		
86	OHX	5	3930	-	0,6,6	-	-	-		
86	OHX	2	2159	-	0,6,6	-	-	-		
86	OHX	6	2196	-	0,6,6	-	-	-		
86	OHX	5	3937	-	0,6,6	-	-	-		
86	OHX	5	4121	-	0,6,6	-	-	-		
86	OHX	1	3896	-	0,6,6	-	-	-		
86	OHX	1	4198	-	0,6,6	-	-	-		
86	OHX	5	4126	-	0,6,6	-	-	-		
86	OHX	5	4095	-	0,6,6	-	-	-		
86	OHX	14	403	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	n9	102	-	0,6,6	-	-	-		
86	OHX	6	2147	-	0,6,6	-	-	-		
86	OHX	1	4106	-	0,6,6	-	-	-		
86	OHX	c8	202	-	0,6,6	-	-	-		
86	OHX	6	2174	-	0,6,6	-	-	-		
86	OHX	O7	103	-	0,6,6	-	-	-		
86	OHX	6	2108	-	0,6,6	-	-	-		
86	OHX	6	2130	-	0,6,6	-	-	-		
86	OHX	2	2097	-	0,6,6	-	-	-		
86	OHX	1	4176	-	0,6,6	-	-	-		
86	OHX	6	2179	-	0,6,6	-	-	-		
86	OHX	5	3943	-	0,6,6	-	-	-		
86	OHX	5	3974	-	0,6,6	-	-	-		
86	OHX	5	4083	-	0,6,6	-	-	-		
86	OHX	5	4152	-	0,6,6	-	-	-		
86	OHX	2	2175	-	0,6,6	-	-	-		
86	OHX	1	4150	-	0,6,6	-	-	-		
86	OHX	4	236	-	0,6,6	-	-	-		
86	OHX	1	3922	-	0,6,6	-	-	-		
86	OHX	5	3953	-	0,6,6	-	-	-		
86	OHX	1	4088	-	0,6,6	-	-	-		
86	OHX	5	4123	-	0,6,6	-	-	-		
86	OHX	4	232	-	0,6,6	-	-	-		
86	OHX	8	216	-	0,6,6	-	-	-		
86	OHX	5	4035	-	0,6,6	-	-	-		
86	OHX	5	4096	-	0,6,6	-	-	-		
86	OHX	6	2101	-	0,6,6	-	-	-		
86	OHX	1	4101	-	0,6,6	-	-	-		
86	OHX	2	2101	-	0,6,6	-	-	-		
86	OHX	5	3992	-	0,6,6	-	-	-		
86	OHX	1	4188	-	0,6,6	-	-	-		
86	OHX	1	4200	-	0,6,6	-	-	-		
86	OHX	2	2168	-	0,6,6	-	-	-		
86	OHX	1	3990	-	0,6,6	-	-	-		
86	OHX	5	4010	-	0,6,6	-	-	-		
86	OHX	L3	404	-	0,6,6	-	-	-		
86	OHX	5	4033	-	0,6,6	-	-	-		
86	OHX	1	4130	-	0,6,6	-	-	-		
86	OHX	1	3966	-	0,6,6	-	-	-		
86	OHX	5	4101	-	0,6,6	-	-	-		
86	OHX	1	4122	-	0,6,6	-	-	-		
86	OHX	1	3947	-	0,6,6	-	-	-		
86	OHX	4	241	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	1	4041	-	0,6,6	-	-	-		
86	OHX	1	4087	-	0,6,6	-	-	-		
86	OHX	1	3944	-	0,6,6	-	-	-		
86	OHX	1	3948	-	0,6,6	-	-	-		
86	OHX	5	4054	-	0,6,6	-	-	-		
86	OHX	6	2057	-	0,6,6	-	-	-		
86	OHX	2	2059	-	0,6,6	-	-	-		
86	OHX	4	240	-	0,6,6	-	-	-		
86	OHX	6	2078	-	0,6,6	-	-	-		
86	OHX	5	3941	-	0,6,6	-	-	-		
86	OHX	5	4006	-	0,6,6	-	-	-		
86	OHX	5	4189	-	0,6,6	-	-	-		
86	OHX	5	4231	-	0,6,6	-	-	-		
86	OHX	6	2064	-	0,6,6	-	-	-		
86	OHX	2	2111	-	0,6,6	-	-	-		
86	OHX	6	2151	-	0,6,6	-	-	-		
86	OHX	5	3995	-	0,6,6	-	-	-		
86	OHX	1	3968	-	0,6,6	-	-	-		
86	OHX	M7	205	-	0,6,6	-	-	-		
86	OHX	5	4140	-	0,6,6	-	-	-		
86	OHX	2	2128	-	0,6,6	-	-	-		
86	OHX	15	302	-	0,6,6	-	-	-		
86	OHX	1	4193	-	0,6,6	-	-	-		
86	OHX	2	2131	-	0,6,6	-	-	-		
86	OHX	2	2174	-	0,6,6	-	-	-		
86	OHX	5	4038	-	0,6,6	-	-	-		
86	OHX	2	2144	-	0,6,6	-	-	-		
86	OHX	1	3886	-	0,6,6	-	-	-		
86	OHX	2	2153	-	0,6,6	-	-	-		
86	OHX	1	3977	-	0,6,6	-	-	-		
86	OHX	5	3951	-	0,6,6	-	-	-		
86	OHX	5	4084	-	0,6,6	-	-	-		
86	OHX	5	4116	-	0,6,6	-	-	-		
86	OHX	5	4130	-	0,6,6	-	-	-		
86	OHX	s9	201	-	0,6,6	-	-	-		
86	OHX	1	4021	-	0,6,6	-	-	-		
86	OHX	6	2177	-	0,6,6	-	-	-		
86	OHX	5	3923	-	0,6,6	-	-	-		
86	OHX	6	2124	-	0,6,6	-	-	-		
86	OHX	7	218	-	0,6,6	-	-	-		
86	OHX	L3	405	-	0,6,6	-	-	-		
86	OHX	S6	301	-	0,6,6	-	-	-		
86	OHX	1	3871	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	n3	203	-	0,6,6	-	-	-		
86	OHX	5	3961	-	0,6,6	-	-	-		
86	OHX	5	4166	-	0,6,6	-	-	-		
86	OHX	1	3898	-	0,6,6	-	-	-		
86	OHX	5	3901	-	0,6,6	-	-	-		
86	OHX	5	3960	-	0,6,6	-	-	-		
86	OHX	5	4164	-	0,6,6	-	-	-		
86	OHX	2	2054	-	0,6,6	-	-	-		
86	OHX	5	4221	-	0,6,6	-	-	-		
86	OHX	6	2200	-	0,6,6	-	-	-		
86	OHX	5	3909	-	0,6,6	-	-	-		
86	OHX	5	3917	-	0,6,6	-	-	-		
86	OHX	5	4046	-	0,6,6	-	-	-		
86	OHX	5	4082	-	0,6,6	-	-	-		
86	OHX	5	4008	-	0,6,6	-	-	-		
86	OHX	5	3907	-	0,6,6	-	-	-		
86	OHX	2	2152	-	0,6,6	-	-	-		
86	OHX	2	2133	-	0,6,6	-	-	-		
86	OHX	1	3939	-	0,6,6	-	-	-		
86	OHX	2	2028	-	0,6,6	-	-	-		
86	OHX	5	4120	-	0,6,6	-	-	-		
86	OHX	2	2071	-	0,6,6	-	-	-		
86	OHX	1	4061	-	0,6,6	-	-	-		
86	OHX	1	3875	-	0,6,6	-	-	-		
86	OHX	5	3971	-	0,6,6	-	-	-		
86	OHX	2	2070	-	0,6,6	-	-	-		
86	OHX	1	3920	-	0,6,6	-	-	-		
86	OHX	5	3990	-	0,6,6	-	-	-		
86	OHX	5	3920	-	0,6,6	-	-	-		
86	OHX	5	4229	-	0,6,6	-	-	-		
86	OHX	1	4205	-	0,6,6	-	-	-		
86	OHX	1	4208	-	0,6,6	-	-	-		
86	OHX	5	4036	-	0,6,6	-	-	-		
86	OHX	1	4135	-	0,6,6	-	-	-		
86	OHX	6	2049	-	0,6,6	-	-	-		
86	OHX	6	2131	-	0,6,6	-	-	-		
86	OHX	1	4070	-	0,6,6	-	-	-		
86	OHX	5	3938	-	0,6,6	-	-	-		
86	OHX	5	3975	-	0,6,6	-	-	-		
86	OHX	5	4125	-	0,6,6	-	-	-		
86	OHX	1	3982	-	0,6,6	-	-	-		
86	OHX	5	4093	-	0,6,6	-	-	-		
86	OHX	3	219	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2113	-	0,6,6	-	-	-		
86	OHX	1	3995	-	0,6,6	-	-	-		
86	OHX	1	4086	-	0,6,6	-	-	-		
86	OHX	8	229	-	0,6,6	-	-	-		
86	OHX	2	2173	-	0,6,6	-	-	-		
86	OHX	6	2159	-	0,6,6	-	-	-		
86	OHX	5	4098	-	0,6,6	-	-	-		
86	OHX	2	2163	-	0,6,6	-	-	-		
86	OHX	6	2096	-	0,6,6	-	-	-		
86	OHX	1	4124	-	0,6,6	-	-	-		
86	OHX	1	4184	-	0,6,6	-	-	-		
86	OHX	1	3900	-	0,6,6	-	-	-		
86	OHX	5	4018	-	0,6,6	-	-	-		
86	OHX	1	3976	-	0,6,6	-	-	-		
86	OHX	5	4205	-	0,6,6	-	-	-		
86	OHX	5	4004	-	0,6,6	-	-	-		
86	OHX	6	2186	-	0,6,6	-	-	-		
86	OHX	5	4228	-	0,6,6	-	-	-		
86	OHX	6	2141	-	0,6,6	-	-	-		
86	OHX	5	4040	-	0,6,6	-	-	-		
86	OHX	1	3996	-	0,6,6	-	-	-		
86	OHX	5	4074	-	0,6,6	-	-	-		
86	OHX	13	406	-	0,6,6	-	-	-		
86	OHX	1	3903	-	0,6,6	-	-	-		
86	OHX	5	4055	-	0,6,6	-	-	-		
86	OHX	1	4035	-	0,6,6	-	-	-		
86	OHX	5	3964	-	0,6,6	-	-	-		
86	OHX	1	3959	-	0,6,6	-	-	-		
86	OHX	5	4234	-	0,6,6	-	-	-		
86	OHX	1	3926	-	0,6,6	-	-	-		
86	OHX	1	3955	-	0,6,6	-	-	-		
86	OHX	6	2050	-	0,6,6	-	-	-		
86	OHX	2	2164	-	0,6,6	-	-	-		
86	OHX	2	2114	-	0,6,6	-	-	-		
86	OHX	1	3911	-	0,6,6	-	-	-		
86	OHX	5	4103	-	0,6,6	-	-	-		
86	OHX	5	4144	-	0,6,6	-	-	-		
86	OHX	1	3971	-	0,6,6	-	-	-		
86	OHX	5	3904	-	0,6,6	-	-	-		
86	OHX	2	2038	-	0,6,6	-	-	-		
86	OHX	1	4025	-	0,6,6	-	-	-		
86	OHX	2	2167	-	0,6,6	-	-	-		
86	OHX	1	3943	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4014	-	0,6,6	-	-	-		
86	OHX	5	4090	-	0,6,6	-	-	-		
86	OHX	1	3910	-	0,6,6	-	-	-		
86	OHX	5	4013	-	0,6,6	-	-	-		
86	OHX	M5	302	-	0,6,6	-	-	-		
86	OHX	6	2060	-	0,6,6	-	-	-		
86	OHX	1	4196	-	0,6,6	-	-	-		
86	OHX	2	2117	-	0,6,6	-	-	-		
86	OHX	1	3962	-	0,6,6	-	-	-		
86	OHX	D9	102	-	0,6,6	-	-	-		
86	OHX	5	3993	-	0,6,6	-	-	-		
86	OHX	8	225	-	0,6,6	-	-	-		
86	OHX	1	4167	-	0,6,6	-	-	-		
86	OHX	1	3954	-	0,6,6	-	-	-		
86	OHX	5	3946	-	0,6,6	-	-	-		
86	OHX	5	4015	-	0,6,6	-	-	-		
86	OHX	2	2122	-	0,6,6	-	-	-		
86	OHX	5	4172	-	0,6,6	-	-	-		
86	OHX	1	4018	-	0,6,6	-	-	-		
86	OHX	2	2033	-	0,6,6	-	-	-		
86	OHX	1	4116	-	0,6,6	-	-	-		
86	OHX	1	4096	-	0,6,6	-	-	-		
86	OHX	1	4129	-	0,6,6	-	-	-		
86	OHX	1	4210	-	0,6,6	-	-	-		
86	OHX	sR	401	-	0,6,6	-	-	-		
86	OHX	5	3981	-	0,6,6	-	-	-		
86	OHX	1	4078	-	0,6,6	-	-	-		
86	OHX	4	233	-	0,6,6	-	-	-		
86	OHX	5	4117	-	0,6,6	-	-	-		
86	OHX	1	4073	-	0,6,6	-	-	-		
86	OHX	6	2047	-	0,6,6	-	-	-		
86	OHX	2	2074	-	0,6,6	-	-	-		
86	OHX	1	4001	-	0,6,6	-	-	-		
86	OHX	5	4240	-	0,6,6	-	-	-		
86	OHX	2	2102	-	0,6,6	-	-	-		
86	OHX	7	228	-	0,6,6	-	-	-		
86	OHX	2	2156	-	0,6,6	-	-	-		
86	OHX	1	4036	-	0,6,6	-	-	-		
86	OHX	1	4046	-	0,6,6	-	-	-		
86	OHX	5	4163	-	0,6,6	-	-	-		
86	OHX	5	4092	-	0,6,6	-	-	-		
86	OHX	n3	204	-	0,6,6	-	-	-		
86	OHX	5	4131	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	2	2089	-	0,6,6	-	-	-		
86	OHX	5	4192	-	0,6,6	-	-	-		
86	OHX	2	2116	-	0,6,6	-	-	-		
86	OHX	5	4007	-	0,6,6	-	-	-		
86	OHX	1	4004	-	0,6,6	-	-	-		
86	OHX	5	4177	-	0,6,6	-	-	-		
86	OHX	1	4019	-	0,6,6	-	-	-		
86	OHX	1	3894	-	0,6,6	-	-	-		
86	OHX	1	4186	-	0,6,6	-	-	-		
86	OHX	5	3986	-	0,6,6	-	-	-		
86	OHX	5	3987	-	0,6,6	-	-	-		
86	OHX	5	4159	-	0,6,6	-	-	-		
86	OHX	5	4199	-	0,6,6	-	-	-		
86	OHX	1	3901	-	0,6,6	-	-	-		
86	OHX	1	4063	-	0,6,6	-	-	-		
86	OHX	o7	502	-	0,6,6	-	-	-		
86	OHX	1	3957	-	0,6,6	-	-	-		
86	OHX	5	3945	-	0,6,6	-	-	-		
86	OHX	1	4000	-	0,6,6	-	-	-		
86	OHX	1	4008	-	0,6,6	-	-	-		
86	OHX	5	4136	-	0,6,6	-	-	-		
86	OHX	1	4110	-	0,6,6	-	-	-		
86	OHX	1	4081	-	0,6,6	-	-	-		
86	OHX	1	4045	-	0,6,6	-	-	-		
86	OHX	1	4123	-	0,6,6	-	-	-		
86	OHX	1	4169	-	0,6,6	-	-	-		
86	OHX	5	4060	-	0,6,6	-	-	-		
86	OHX	5	4071	-	0,6,6	-	-	-		
86	OHX	2	2124	-	0,6,6	-	-	-		
86	OHX	2	2026	-	0,6,6	-	-	-		
86	OHX	m7	206	-	0,6,6	-	-	-		
86	OHX	5	4047	-	0,6,6	-	-	-		
86	OHX	1	4204	-	0,6,6	-	-	-		
86	OHX	1	4002	-	0,6,6	-	-	-		
86	OHX	5	4089	-	0,6,6	-	-	-		
86	OHX	5	3955	-	0,6,6	-	-	-		
86	OHX	5	4020	-	0,6,6	-	-	-		
86	OHX	5	3935	-	0,6,6	-	-	-		
86	OHX	5	4225	-	0,6,6	-	-	-		
88	3L2	1	4212	-	40,40,40	0.69	1 (2%)	60,62,62	1.50	9 (15%)
86	OHX	3	226	-	0,6,6	-	-	-		
86	OHX	2	2030	-	0,6,6	-	-	-		
86	OHX	1	4160	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	5	4222	-	0,6,6	-	-	-		
86	OHX	1	3872	-	0,6,6	-	-	-		
86	OHX	1	3985	-	0,6,6	-	-	-		
86	OHX	1	3904	-	0,6,6	-	-	-		
86	OHX	1	3942	-	0,6,6	-	-	-		
86	OHX	2	2141	-	0,6,6	-	-	-		
86	OHX	2	2130	-	0,6,6	-	-	-		
86	OHX	2	2023	-	0,6,6	-	-	-		
86	OHX	1	4037	-	0,6,6	-	-	-		
86	OHX	1	4157	-	0,6,6	-	-	-		
86	OHX	1	4194	-	0,6,6	-	-	-		
86	OHX	2	2046	-	0,6,6	-	-	-		
86	OHX	1	3975	-	0,6,6	-	-	-		
86	OHX	5	4045	-	0,6,6	-	-	-		
86	OHX	6	2150	-	0,6,6	-	-	-		
86	OHX	6	2071	-	0,6,6	-	-	-		
86	OHX	1	4093	-	0,6,6	-	-	-		
86	OHX	1	4133	-	0,6,6	-	-	-		
86	OHX	2	2155	-	0,6,6	-	-	-		
86	OHX	1	3993	-	0,6,6	-	-	-		
86	OHX	6	2073	-	0,6,6	-	-	-		
86	OHX	5	4051	-	0,6,6	-	-	-		
86	OHX	1	3929	-	0,6,6	-	-	-		
86	OHX	5	4088	-	0,6,6	-	-	-		
86	OHX	5	4141	-	0,6,6	-	-	-		
86	OHX	6	2055	-	0,6,6	-	-	-		
86	OHX	5	4023	-	0,6,6	-	-	-		
86	OHX	5	3924	-	0,6,6	-	-	-		
86	OHX	2	2083	-	0,6,6	-	-	-		
86	OHX	5	4012	-	0,6,6	-	-	-		
86	OHX	5	4176	-	0,6,6	-	-	-		
86	OHX	6	2161	-	0,6,6	-	-	-		
86	OHX	2	2024	-	0,6,6	-	-	-		
86	OHX	5	3997	-	0,6,6	-	-	-		
86	OHX	5	4053	-	0,6,6	-	-	-		
86	OHX	1	4136	-	0,6,6	-	-	-		
86	OHX	5	4175	-	0,6,6	-	-	-		
86	OHX	5	4195	-	0,6,6	-	-	-		
86	OHX	6	2192	-	0,6,6	-	-	-		
86	OHX	1	4077	-	0,6,6	-	-	-		
86	OHX	2	2053	-	0,6,6	-	-	-		
86	OHX	1	3883	-	0,6,6	-	-	-		
86	OHX	5	4068	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	m4	201	-	0,6,6	-	-	-		
86	OHX	6	2173	-	0,6,6	-	-	-		
86	OHX	1	4156	-	0,6,6	-	-	-		
86	OHX	1	3938	-	0,6,6	-	-	-		
86	OHX	1	4055	-	0,6,6	-	-	-		
86	OHX	1	4145	-	0,6,6	-	-	-		
86	OHX	5	4233	-	0,6,6	-	-	-		
86	OHX	1	3882	-	0,6,6	-	-	-		
86	OHX	5	3966	-	0,6,6	-	-	-		
86	OHX	6	2088	-	0,6,6	-	-	-		
86	OHX	5	4178	-	0,6,6	-	-	-		
86	OHX	2	2041	-	0,6,6	-	-	-		
86	OHX	1	4071	-	0,6,6	-	-	-		
86	OHX	2	2079	-	0,6,6	-	-	-		
86	OHX	5	4124	-	0,6,6	-	-	-		
86	OHX	5	4184	-	0,6,6	-	-	-		
86	OHX	5	4227	-	0,6,6	-	-	-		
86	OHX	5	4049	-	0,6,6	-	-	-		
86	OHX	2	2177	-	0,6,6	-	-	-		
86	OHX	1	3902	-	0,6,6	-	-	-		
86	OHX	2	2090	-	0,6,6	-	-	-		
86	OHX	1	4028	-	0,6,6	-	-	-		
86	OHX	6	2054	-	0,6,6	-	-	-		
86	OHX	2	2171	-	0,6,6	-	-	-		
86	OHX	8	218	-	0,6,6	-	-	-		
86	OHX	5	4064	-	0,6,6	-	-	-		
86	OHX	6	2155	-	0,6,6	-	-	-		
86	OHX	5	3896	-	0,6,6	-	-	-		
86	OHX	5	4009	-	0,6,6	-	-	-		
86	OHX	5	4198	-	0,6,6	-	-	-		
86	OHX	1	4111	-	0,6,6	-	-	-		
86	OHX	6	2059	-	0,6,6	-	-	-		
86	OHX	5	4137	-	0,6,6	-	-	-		
86	OHX	2	2126	-	0,6,6	-	-	-		
86	OHX	1	4016	-	0,6,6	-	-	-		
86	OHX	1	3885	-	0,6,6	-	-	-		
86	OHX	6	2164	-	0,6,6	-	-	-		
86	OHX	5	4174	-	0,6,6	-	-	-		
86	OHX	5	3892	-	0,6,6	-	-	-		
86	OHX	6	2081	-	0,6,6	-	-	-		
86	OHX	1	3863	-	0,6,6	-	-	-		
86	OHX	m8	201	-	0,6,6	-	-	-		
86	OHX	2	2048	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2139	-	0,6,6	-	-	-		
86	OHX	5	4218	-	0,6,6	-	-	-		
86	OHX	6	2068	-	0,6,6	-	-	-		
86	OHX	2	2065	-	0,6,6	-	-	-		
86	OHX	6	2104	-	0,6,6	-	-	-		
86	OHX	1	3992	-	0,6,6	-	-	-		
86	OHX	5	3922	-	0,6,6	-	-	-		
86	OHX	8	227	-	0,6,6	-	-	-		
86	OHX	6	2144	-	0,6,6	-	-	-		
86	OHX	6	2188	-	0,6,6	-	-	-		
86	OHX	6	2178	-	0,6,6	-	-	-		
86	OHX	5	4173	-	0,6,6	-	-	-		
86	OHX	5	4139	-	0,6,6	-	-	-		
86	OHX	1	4159	-	0,6,6	-	-	-		
86	OHX	1	3884	-	0,6,6	-	-	-		
86	OHX	2	2148	-	0,6,6	-	-	-		
86	OHX	5	4048	-	0,6,6	-	-	-		
86	OHX	7	219	-	0,6,6	-	-	-		
86	OHX	5	4200	-	0,6,6	-	-	-		
86	OHX	2	2136	-	0,6,6	-	-	-		
86	OHX	1	4131	-	0,6,6	-	-	-		
86	OHX	1	3916	-	0,6,6	-	-	-		
86	OHX	5	4122	-	0,6,6	-	-	-		
86	OHX	5	4183	-	0,6,6	-	-	-		
86	OHX	1	3932	-	0,6,6	-	-	-		
86	OHX	5	3914	-	0,6,6	-	-	-		
86	OHX	5	4087	-	0,6,6	-	-	-		
86	OHX	1	3981	-	0,6,6	-	-	-		
86	OHX	4	229	-	0,6,6	-	-	-		
86	OHX	5	3944	-	0,6,6	-	-	-		
86	OHX	5	3948	-	0,6,6	-	-	-		
86	OHX	5	3958	-	0,6,6	-	-	-		
86	OHX	1	3893	-	0,6,6	-	-	-		
86	OHX	5	3988	-	0,6,6	-	-	-		
86	OHX	5	4135	-	0,6,6	-	-	-		
86	OHX	5	3919	-	0,6,6	-	-	-		
86	OHX	2	2049	-	0,6,6	-	-	-		
86	OHX	1	3965	-	0,6,6	-	-	-		
86	OHX	L4	403	-	0,6,6	-	-	-		
86	OHX	1	3935	-	0,6,6	-	-	-		
86	OHX	1	4192	-	0,6,6	-	-	-		
86	OHX	6	2195	-	0,6,6	-	-	-		
86	OHX	1	3881	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
86	OHX	6	2181	-	0,6,6	-	-	-		
86	OHX	1	4007	-	0,6,6	-	-	-		
86	OHX	5	3900	-	0,6,6	-	-	-		
86	OHX	1	4108	-	0,6,6	-	-	-		
86	OHX	2	2169	-	0,6,6	-	-	-		
86	OHX	2	2172	-	0,6,6	-	-	-		
86	OHX	5	3968	-	0,6,6	-	-	-		
86	OHX	5	3972	-	0,6,6	-	-	-		
86	OHX	1	4118	-	0,6,6	-	-	-		
86	OHX	1	4137	-	0,6,6	-	-	-		
86	OHX	6	2051	-	0,6,6	-	-	-		
86	OHX	6	2199	-	0,6,6	-	-	-		
86	OHX	5	3977	-	0,6,6	-	-	-		
86	OHX	5	4000	-	0,6,6	-	-	-		
86	OHX	2	2158	-	0,6,6	-	-	-		
86	OHX	6	2162	-	0,6,6	-	-	-		
86	OHX	7	227	-	0,6,6	-	-	-		
86	OHX	1	3887	-	0,6,6	-	-	-		
86	OHX	5	4127	-	0,6,6	-	-	-		
86	OHX	1	3969	-	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
88	3L2	1	4212	-	-	4/31/89/89	0/5/5/5
88	3L2	5	4246	-	-	3/31/89/89	0/5/5/5

All (8) bond length outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(Å)	Ideal(Å)
88	5	4246	3L2	C25-C14	-2.89	1.47	1.53
88	5	4246	3L2	O8-C13	-2.85	1.39	1.44
88	1	4212	3L2	O8-C13	2.69	1.49	1.44
88	5	4246	3L2	C22-C15	2.53	1.57	1.53
88	5	4246	3L2	O3-C9	-2.40	1.29	1.34
88	5	4246	3L2	O5-C22	2.35	1.49	1.44
88	5	4246	3L2	O3-C10	2.06	1.49	1.46
88	5	4246	3L2	C8-C9	-2.05	1.43	1.48

All (18) bond angle outliers are listed below:

Mol	Chain	Res	Type	Atoms	Z	Observed(°)	Ideal(°)
88	5	4246	3L2	O7-C24-C1	-5.76	98.81	110.61
88	5	4246	3L2	C16-C15-C20	5.68	111.97	107.94
88	1	4212	3L2	C7-C8-C9	4.45	133.81	123.21
88	1	4212	3L2	C15-C14-C10	4.22	112.53	108.16
88	5	4246	3L2	C11-C10-C14	4.15	108.30	106.06
88	1	4212	3L2	C11-C10-C14	-3.75	104.04	106.06
88	1	4212	3L2	C1-C24-C23	3.35	117.41	111.56
88	1	4212	3L2	O-C4-O1	3.17	129.61	122.96
88	1	4212	3L2	O-C4-C5	-3.07	103.98	111.55
88	5	4246	3L2	C25-C14-C15	3.04	117.51	113.86
88	5	4246	3L2	C14-C15-C20	2.89	111.52	109.28
88	5	4246	3L2	C10-C11-C12	-2.75	102.24	104.90
88	1	4212	3L2	O3-C10-C11	-2.58	104.34	111.06
88	5	4246	3L2	O4-C12-C13	2.43	111.28	108.34
88	5	4246	3L2	C21-C18-C19	-2.38	119.47	122.46
88	1	4212	3L2	C10-C11-C12	2.20	107.02	104.90
88	1	4212	3L2	O8-C26-C13	2.12	61.51	59.37
88	5	4246	3L2	C13-C14-C10	-2.10	97.19	100.41

There are no chirality outliers.

All (7) torsion outliers are listed below:

Mol	Chain	Res	Type	Atoms
88	1	4212	3L2	C16-C15-C22-O5
88	1	4212	3L2	C5-C6-C7-C8
88	1	4212	3L2	C5-C4-O-C3
88	5	4246	3L2	C6-C7-C8-C9
88	1	4212	3L2	O1-C4-O-C3
88	5	4246	3L2	C14-C10-O3-C9
88	5	4246	3L2	C5-C4-O-C3

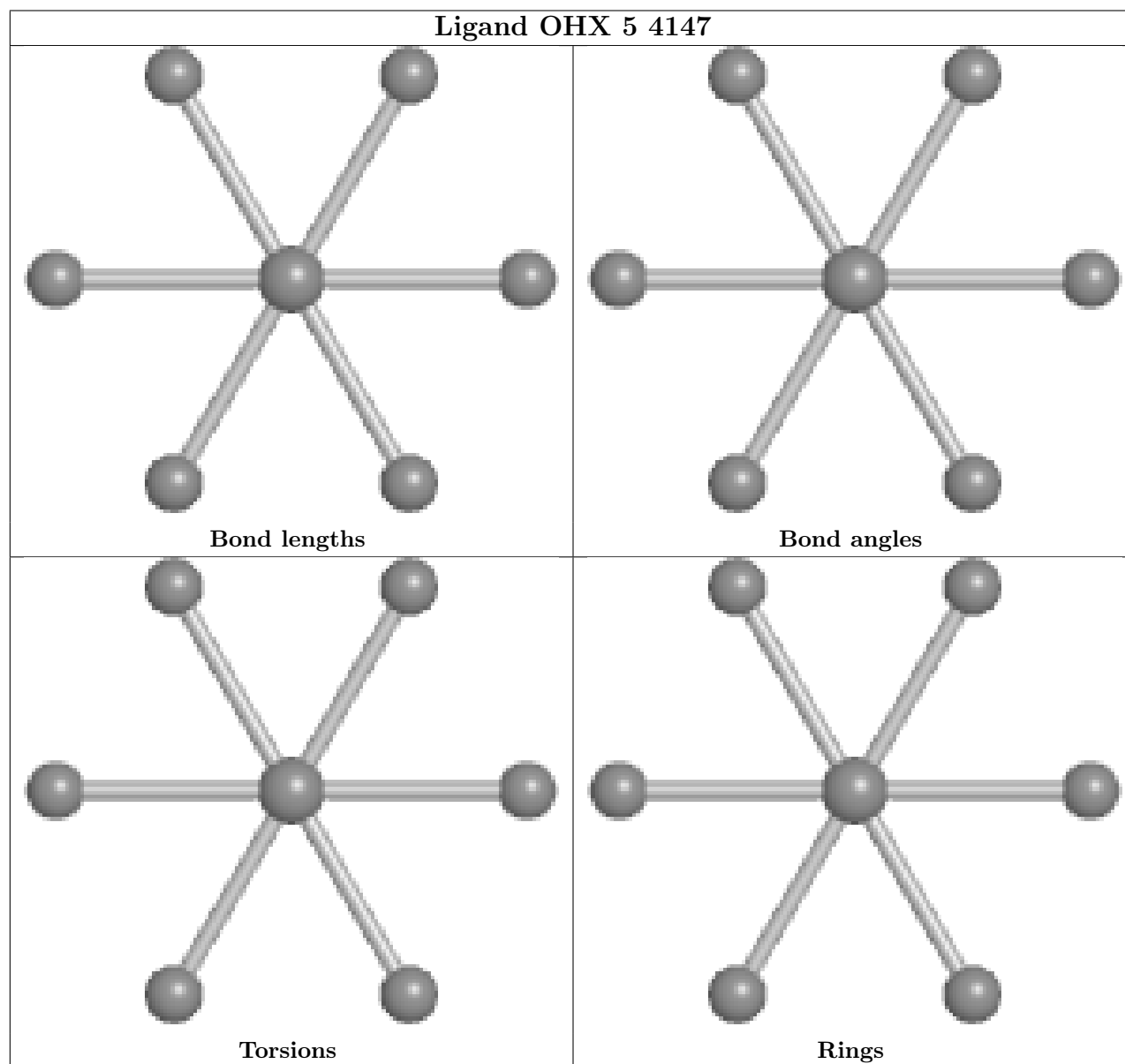
There are no ring outliers.

1 monomer is involved in 1 short contact:

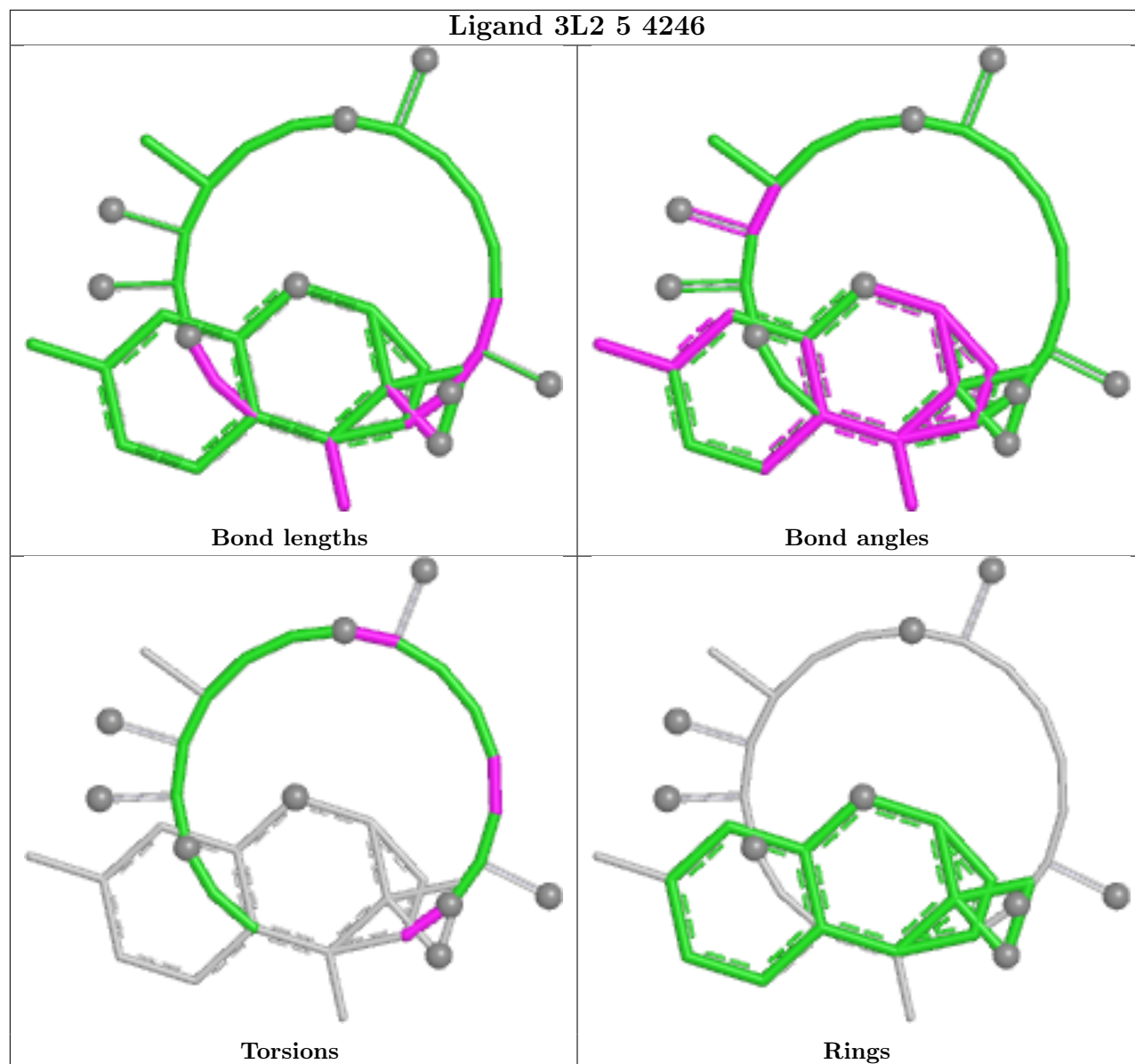
Mol	Chain	Res	Type	Clashes	Symm-Clashes
86	S6	301	OHX	0	1

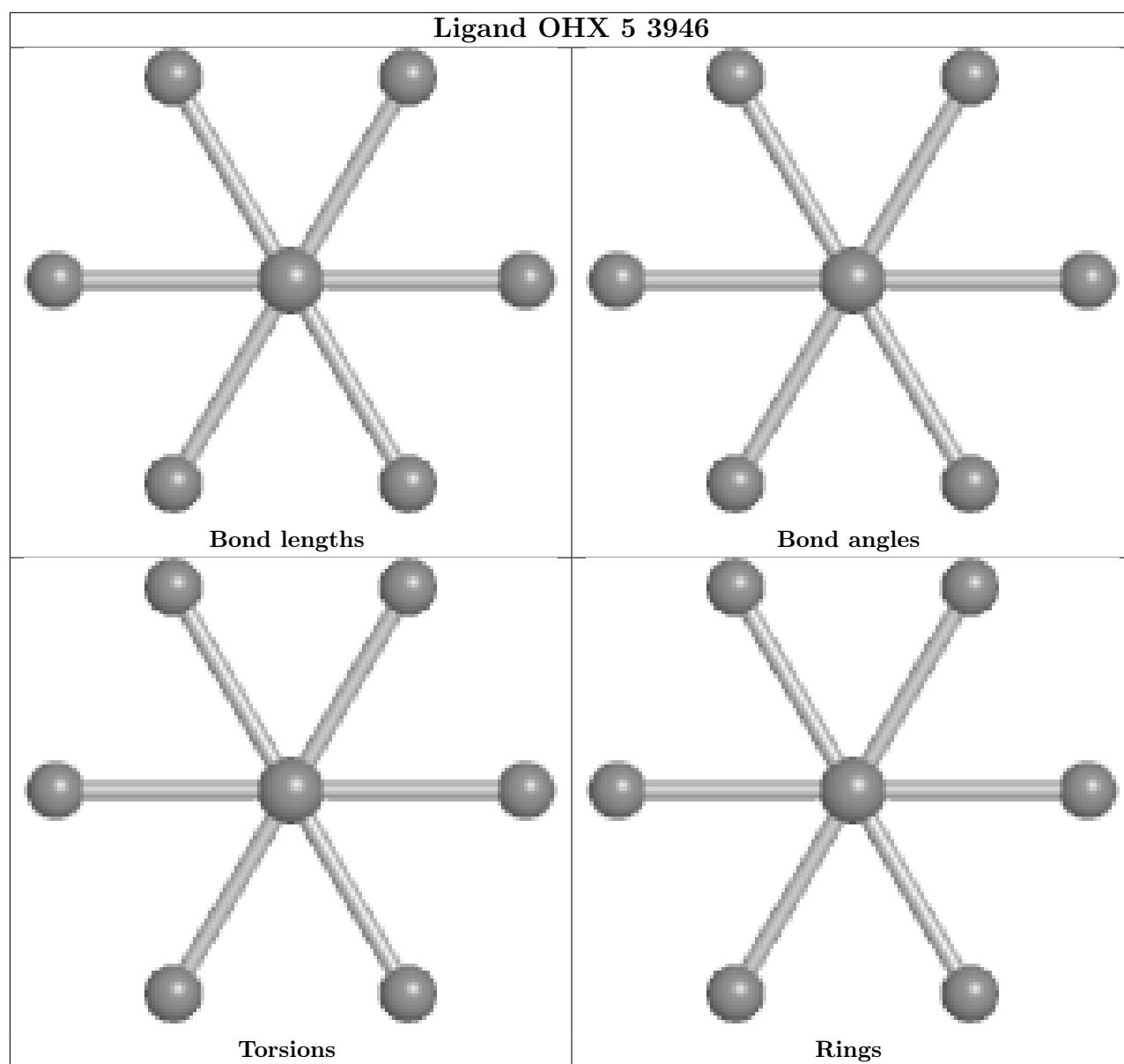
The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included.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

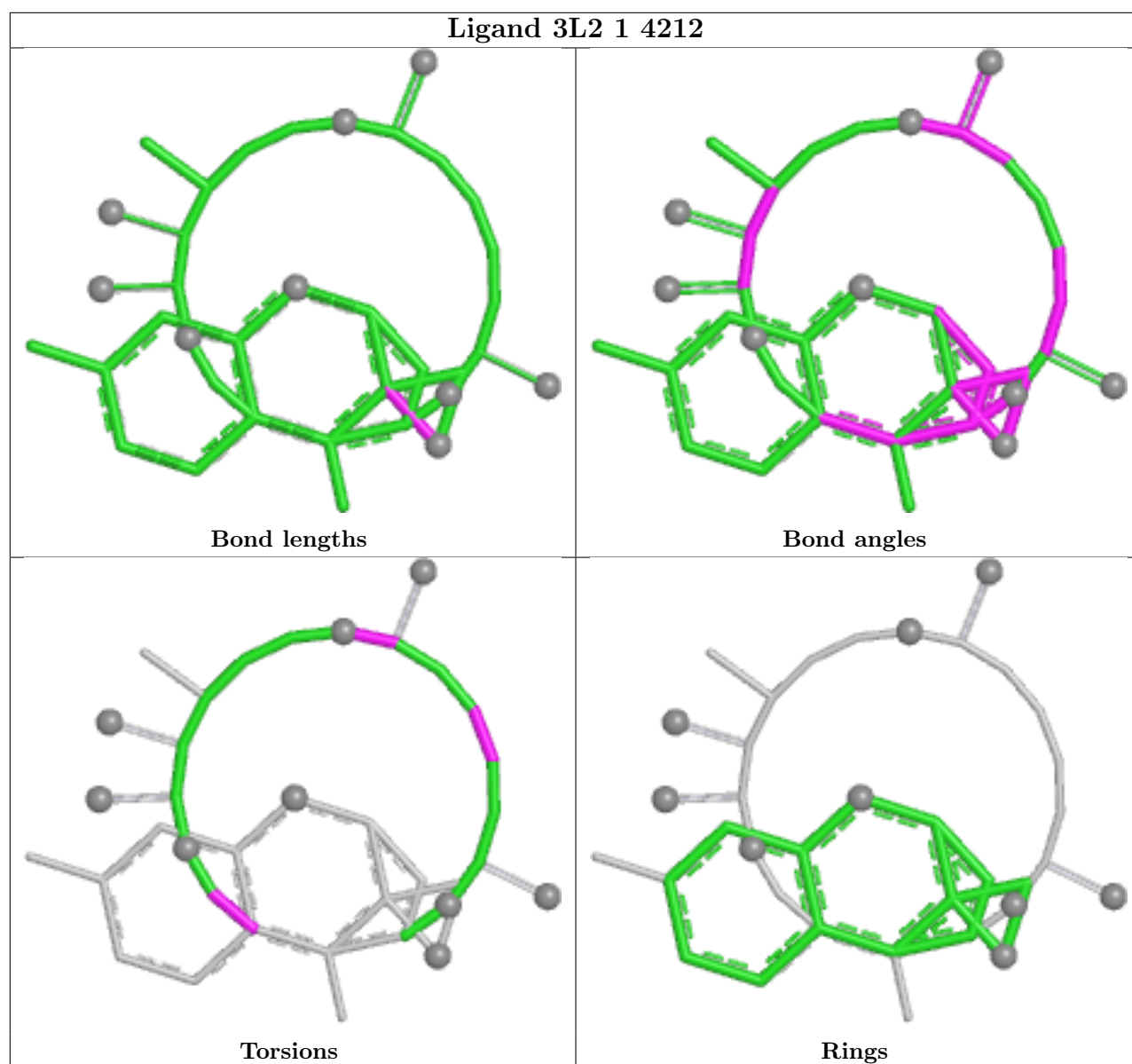
within 10 degrees of the torsion angle in question, then that torsion angle is considered an outlier. Any bond that is central to one or more torsion angles identified as an outlier by Mogul will be highlighted in the graph. For rings, the root-mean-square deviation (RMSD) between the ring in question 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.



Ligand 3L2 5 4246







4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues [i](#)

There are no chain breaks in this entry.

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%)	0.27	72 (4%) 41 25	43, 78, 163, 262	0
1	6	1795/1800 (99%)	0.28	100 (5%) 30 19	33, 68, 187, 266	0
2	S0	206/251 (82%)	0.68	17 (8%) 17 11	77, 95, 109, 131	0
2	s0	206/251 (82%)	0.47	6 (2%) 53 35	64, 86, 106, 112	0
3	S1	214/254 (84%)	1.08	29 (13%) 7 5	84, 113, 145, 154	0
3	s1	216/254 (85%)	0.18	3 (1%) 73 54	58, 72, 92, 104	0
4	S2	217/253 (85%)	0.27	6 (2%) 55 35	59, 72, 90, 106	0
4	s2	217/253 (85%)	0.21	9 (4%) 41 25	45, 62, 83, 104	0
5	S3	223/239 (93%)	0.39	9 (4%) 42 26	65, 79, 111, 133	0
5	s3	223/239 (93%)	1.24	40 (17%) 3 3	70, 121, 151, 161	0
6	S4	260/260 (100%)	0.28	7 (2%) 56 36	53, 78, 92, 131	0
6	s4	260/260 (100%)	0.11	4 (1%) 72 52	44, 71, 84, 124	0
7	S5	206/224 (91%)	0.73	12 (5%) 29 18	86, 107, 128, 144	0
7	s5	206/224 (91%)	0.51	9 (4%) 39 24	64, 85, 110, 128	0
8	S6	226/236 (95%)	0.59	19 (8%) 17 11	54, 88, 113, 157	0
8	s6	218/236 (92%)	0.32	3 (1%) 73 54	46, 75, 99, 128	0
9	S7	184/189 (97%)	0.58	7 (3%) 44 27	72, 102, 133, 143	0
9	s7	186/189 (98%)	0.57	10 (5%) 31 20	64, 100, 133, 144	0
10	S8	188/200 (94%)	0.45	8 (4%) 40 24	46, 60, 103, 122	0
10	s8	188/200 (94%)	0.28	6 (3%) 50 31	38, 60, 108, 123	0
11	S9	185/196 (94%)	0.66	11 (5%) 28 18	70, 87, 130, 160	0
11	s9	185/196 (94%)	0.28	6 (3%) 50 31	56, 71, 111, 149	0
12	C0	96/105 (91%)	0.79	10 (10%) 11 8	73, 95, 134, 155	0
12	c0	96/105 (91%)	2.11	48 (50%) 0 1	112, 152, 164, 188	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	C1	155/155 (100%)	0.37	8 (5%) 33 21	49, 60, 128, 141	0
13	c1	146/155 (94%)	0.31	9 (6%) 26 17	41, 56, 96, 120	0
14	C2	124/142 (87%)	0.96	9 (7%) 21 13	127, 139, 170, 183	0
14	c2	124/142 (87%)	1.81	43 (34%) 1 1	187, 199, 218, 222	0
15	C3	150/150 (100%)	0.30	3 (2%) 65 45	55, 75, 88, 95	0
15	c3	150/150 (100%)	0.14	2 (1%) 75 55	48, 66, 85, 98	0
16	C4	127/136 (93%)	0.95	15 (11%) 9 6	54, 104, 121, 124	0
16	c4	128/136 (94%)	0.41	5 (3%) 43 27	43, 71, 81, 94	0
17	C5	124/141 (87%)	0.50	2 (1%) 70 51	70, 89, 132, 155	0
17	c5	135/141 (95%)	0.97	13 (9%) 13 9	76, 101, 132, 143	0
18	C6	141/142 (99%)	0.69	10 (7%) 22 14	72, 98, 104, 108	0
18	c6	142/142 (100%)	0.85	18 (12%) 8 6	58, 80, 104, 128	0
19	C7	120/136 (88%)	0.85	13 (10%) 11 7	78, 98, 125, 132	0
19	c7	117/136 (86%)	0.83	11 (9%) 14 9	71, 89, 114, 124	0
20	C8	145/145 (100%)	0.64	8 (5%) 30 19	69, 99, 127, 138	0
20	c8	145/145 (100%)	0.46	8 (5%) 30 19	66, 86, 110, 126	0
21	C9	143/143 (100%)	0.72	9 (6%) 26 17	80, 95, 115, 129	0
21	c9	143/143 (100%)	0.25	4 (2%) 55 35	59, 72, 95, 118	0
22	D0	107/120 (89%)	0.79	9 (8%) 17 11	66, 101, 141, 147	0
22	d0	110/120 (91%)	1.14	14 (12%) 8 6	65, 113, 156, 165	0
23	D1	87/87 (100%)	0.28	2 (2%) 61 41	76, 81, 100, 114	0
23	d1	87/87 (100%)	0.00	0 100 100	60, 71, 100, 112	0
24	D2	129/129 (100%)	0.10	1 (0%) 82 67	56, 68, 76, 91	0
24	d2	129/129 (100%)	0.02	0 100 100	45, 57, 66, 80	0
25	D3	144/144 (100%)	0.17	3 (2%) 63 43	45, 51, 65, 84	0
25	d3	144/144 (100%)	-0.15	1 (0%) 84 69	34, 41, 53, 68	0
26	D4	134/134 (100%)	0.53	6 (4%) 38 24	65, 92, 108, 118	0
26	d4	134/134 (100%)	0.31	5 (3%) 45 28	53, 79, 96, 127	0
27	D5	70/107 (65%)	1.12	8 (11%) 10 7	103, 124, 131, 135	0
27	d5	69/107 (64%)	0.62	2 (2%) 53 35	81, 102, 116, 119	0
28	D6	97/97 (100%)	0.55	2 (2%) 63 43	57, 69, 127, 135	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
28	d6	97/97 (100%)	0.30	2 (2%) 63 43	42, 51, 86, 94	0
29	D7	81/81 (100%)	0.62	3 (3%) 45 28	71, 88, 127, 135	0
29	d7	81/81 (100%)	0.44	2 (2%) 58 39	59, 76, 121, 130	0
30	D8	63/66 (95%)	0.84	5 (7%) 18 12	100, 115, 130, 142	0
30	d8	63/66 (95%)	0.52	0 100 100	79, 97, 116, 129	0
31	D9	53/55 (96%)	0.57	6 (11%) 10 7	66, 71, 94, 100	0
31	d9	53/55 (96%)	1.13	13 (24%) 2 2	64, 83, 142, 155	0
32	E0	60/60 (100%)	0.43	4 (6%) 24 15	52, 83, 133, 142	0
33	E1	71/76 (93%)	1.30	13 (18%) 3 3	96, 121, 141, 143	0
33	e1	76/76 (100%)	2.05	39 (51%) 0 1	134, 184, 193, 196	0
34	SR	318/318 (100%)	0.48	13 (4%) 41 25	67, 106, 126, 150	0
34	sR	318/318 (100%)	1.05	44 (13%) 6 5	94, 117, 140, 157	0
35	SM	159/273 (58%)	0.75	19 (11%) 9 6	55, 79, 139, 145	0
35	sM	104/273 (38%)	1.17	16 (15%) 5 4	55, 103, 184, 196	0
36	1	3149/3396 (92%)	-0.23	76 (2%) 59 40	21, 40, 130, 244	0
36	5	3150/3396 (92%)	-0.28	58 (1%) 67 48	20, 40, 114, 234	0
37	3	121/121 (100%)	-0.21	1 (0%) 82 67	29, 57, 74, 80	0
37	7	121/121 (100%)	-0.47	1 (0%) 82 67	25, 42, 57, 66	0
38	4	158/158 (100%)	-0.42	4 (2%) 58 39	27, 43, 83, 135	0
38	8	158/158 (100%)	-0.22	5 (3%) 50 31	28, 51, 93, 123	0
39	L2	252/253 (99%)	-0.11	3 (1%) 76 58	27, 37, 54, 68	0
39	l2	252/253 (99%)	0.01	8 (3%) 50 31	25, 42, 62, 73	0
40	L3	386/386 (100%)	-0.12	1 (0%) 90 81	22, 41, 57, 95	0
40	l3	386/386 (100%)	-0.40	1 (0%) 90 81	17, 31, 47, 86	0
41	L4	361/361 (100%)	-0.30	4 (1%) 78 61	22, 35, 53, 65	0
41	l4	361/361 (100%)	-0.21	1 (0%) 90 81	24, 38, 60, 91	0
42	L5	296/296 (100%)	0.09	4 (1%) 73 54	40, 64, 83, 121	0
42	l5	294/296 (99%)	-0.11	4 (1%) 73 54	30, 46, 80, 131	0
43	L6	156/175 (89%)	-0.34	0 100 100	30, 36, 59, 80	0
43	l6	157/175 (89%)	-0.13	2 (1%) 75 55	28, 38, 60, 78	0
44	L7	222/243 (91%)	-0.39	1 (0%) 87 76	22, 29, 64, 121	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
44	l7	223/243 (91%)	-0.36	0 100 100	20, 27, 69, 127	0
45	L8	233/255 (91%)	0.08	1 (0%) 88 79	45, 60, 102, 139	0
45	l8	231/255 (90%)	0.37	14 (6%) 27 17	60, 73, 106, 122	0
46	L9	191/191 (100%)	-0.09	1 (0%) 87 76	36, 47, 62, 81	0
46	l9	191/191 (100%)	-0.23	1 (0%) 87 76	27, 36, 58, 74	0
47	M0	211/220 (95%)	-0.11	4 (1%) 66 46	31, 40, 76, 96	0
47	m0	213/220 (96%)	0.04	5 (2%) 61 41	32, 50, 77, 101	0
48	M1	169/173 (97%)	0.43	12 (7%) 22 14	51, 70, 85, 94	0
48	m1	169/173 (97%)	-0.08	0 100 100	34, 50, 63, 75	0
49	M3	193/198 (97%)	-0.17	1 (0%) 87 76	28, 45, 94, 126	0
49	m3	194/198 (97%)	-0.08	1 (0%) 87 76	30, 54, 104, 147	0
50	M4	136/137 (99%)	-0.29	1 (0%) 84 69	34, 38, 52, 63	0
50	m4	137/137 (100%)	-0.23	1 (0%) 84 69	26, 32, 53, 67	0
51	M5	203/203 (100%)	-0.06	0 100 100	22, 36, 47, 53	0
51	m5	203/203 (100%)	0.08	1 (0%) 87 76	30, 47, 58, 65	0
52	M6	197/198 (99%)	-0.20	2 (1%) 79 63	22, 29, 47, 51	0
52	m6	197/198 (99%)	-0.38	0 100 100	17, 21, 48, 54	0
53	M7	183/183 (100%)	0.05	11 (6%) 27 17	26, 33, 105, 153	0
53	m7	155/183 (84%)	-0.29	1 (0%) 85 73	23, 30, 40, 79	0
54	M8	185/185 (100%)	-0.15	1 (0%) 87 76	24, 33, 52, 73	0
54	m8	185/185 (100%)	-0.24	0 100 100	32, 38, 48, 53	0
55	M9	188/188 (100%)	0.31	9 (4%) 35 22	40, 56, 144, 149	0
55	m9	188/188 (100%)	0.23	5 (2%) 56 36	38, 51, 132, 143	0
56	N0	172/172 (100%)	-0.25	2 (1%) 76 58	27, 36, 49, 60	0
56	n0	172/172 (100%)	-0.26	3 (1%) 69 49	23, 28, 41, 55	0
57	N1	159/159 (100%)	-0.02	2 (1%) 75 55	28, 37, 85, 96	0
57	n1	159/159 (100%)	-0.19	1 (0%) 85 73	27, 32, 68, 70	0
58	N2	100/120 (83%)	0.41	2 (2%) 65 45	72, 88, 106, 122	0
58	n2	98/120 (81%)	0.45	4 (4%) 41 25	63, 78, 90, 93	0
59	N3	136/136 (100%)	-0.24	5 (3%) 45 28	29, 36, 50, 62	0
59	n3	136/136 (100%)	-0.32	3 (2%) 62 42	20, 29, 42, 48	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
60	N4	98/155 (63%)	0.69	18 (18%) 3 3	40, 53, 164, 168	0
60	n4	135/155 (87%)	0.46	9 (6%) 24 15	34, 82, 131, 151	0
61	N5	121/141 (85%)	-0.03	2 (1%) 69 49	36, 48, 66, 110	0
61	n5	120/141 (85%)	0.06	3 (2%) 58 39	39, 54, 76, 86	0
62	N6	126/126 (100%)	-0.11	2 (1%) 70 51	32, 44, 54, 65	0
62	n6	126/126 (100%)	0.15	3 (2%) 59 40	38, 48, 67, 73	0
63	N7	135/135 (100%)	0.17	2 (1%) 72 52	58, 71, 86, 100	0
63	n7	135/135 (100%)	0.55	5 (3%) 45 28	66, 80, 105, 116	0
64	N8	148/148 (100%)	-0.13	0 100 100	17, 34, 59, 73	0
64	n8	148/148 (100%)	-0.14	0 100 100	29, 41, 60, 65	0
65	N9	58/58 (100%)	0.19	3 (5%) 33 21	28, 42, 98, 120	0
65	n9	58/58 (100%)	0.13	2 (3%) 48 30	28, 41, 71, 89	0
66	O0	97/104 (93%)	0.12	0 100 100	56, 66, 88, 98	0
66	o0	100/104 (96%)	0.17	1 (1%) 79 63	59, 70, 97, 107	0
67	O1	109/112 (97%)	0.24	2 (1%) 67 48	37, 49, 86, 100	0
67	o1	109/112 (97%)	-0.12	1 (0%) 81 64	31, 42, 83, 107	0
68	O2	127/129 (98%)	-0.11	2 (1%) 70 51	20, 32, 44, 60	0
68	o2	127/129 (98%)	-0.14	1 (0%) 82 67	19, 36, 50, 70	0
69	O3	106/106 (100%)	-0.20	0 100 100	25, 28, 53, 68	0
69	o3	106/106 (100%)	-0.22	2 (1%) 66 46	20, 26, 53, 68	0
70	O4	112/120 (93%)	0.34	2 (1%) 67 48	39, 53, 95, 107	0
70	o4	112/120 (93%)	0.33	2 (1%) 67 48	37, 57, 95, 103	0
71	O5	119/119 (100%)	0.01	3 (2%) 58 39	37, 51, 61, 63	0
71	o5	119/119 (100%)	-0.01	1 (0%) 82 67	44, 57, 69, 77	0
72	O6	99/99 (100%)	0.07	2 (2%) 65 45	43, 51, 87, 106	0
72	o6	99/99 (100%)	0.36	4 (4%) 42 26	49, 63, 85, 107	0
73	O7	87/87 (100%)	0.02	3 (3%) 48 30	27, 31, 54, 85	0
73	o7	87/87 (100%)	0.12	3 (3%) 48 30	31, 36, 65, 115	0
74	O8	77/77 (100%)	0.02	0 100 100	61, 70, 98, 105	0
74	o8	77/77 (100%)	0.32	1 (1%) 75 55	67, 77, 95, 99	0
75	O9	50/50 (100%)	0.00	2 (4%) 42 26	34, 37, 42, 49	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
75	o9	50/50 (100%)	-0.13	0 100 100	40, 42, 51, 60	0
76	Q0	52/52 (100%)	-0.11	0 100 100	33, 38, 53, 68	0
76	q0	52/52 (100%)	-0.35	0 100 100	23, 26, 39, 45	0
77	Q1	25/25 (100%)	0.41	1 (4%) 42 26	42, 44, 48, 51	0
77	q1	25/25 (100%)	0.11	0 100 100	33, 38, 51, 58	0
78	Q2	105/105 (100%)	0.05	2 (1%) 66 46	30, 43, 66, 107	0
78	q2	105/105 (100%)	-0.15	1 (0%) 79 63	33, 41, 60, 91	0
79	Q3	91/91 (100%)	-0.22	0 100 100	31, 40, 57, 78	0
79	q3	91/91 (100%)	-0.15	0 100 100	29, 42, 57, 68	0
80	e0	62/62 (100%)	0.34	3 (4%) 35 22	41, 70, 116, 140	0
81	p0	143/311 (45%)	0.90	19 (13%) 7 6	76, 97, 175, 186	0
82	m2	0/160	-	-	-	-
83	p1	0/47	-	-	-	-
84	p2	0/46	-	-	-	-
All	All	33063/35346 (93%)	0.13	1248 (3%) 44 27	17, 57, 130, 266	0

All (1248) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
1	6	1217	A	8.1
18	c6	19	VAL	6.8
36	1	1025	A	6.4
12	c0	45	ALA	6.1
5	s3	175	VAL	5.9
34	sR	253	ALA	5.7
39	l2	249	SER	5.7
1	6	656	G	5.7
36	1	1349	G	5.7
17	c5	4	ALA	5.6
1	6	1285	U	5.5
35	sM	119	ALA	5.5
39	l2	253	GLN	5.3
11	s9	2	PRO	5.3
36	5	3154	C	5.2
14	c2	107	ASP	5.2
12	c0	49	LEU	5.1
17	c5	136	SER	5.1
60	N4	86	SER	5.1

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Mol	Chain	Res	Type	RSRZ
56	N0	1	MET	5.1
18	c6	4	VAL	5.0
73	O7	88	ALA	5.0
3	S1	140	ILE	5.0
14	c2	45	LEU	5.0
5	s3	176	LEU	4.9
39	l2	252	THR	4.9
8	S6	175	ILE	4.9
81	p0	192	ASP	4.9
14	c2	123	VAL	4.8
39	l2	248	GLY	4.8
1	6	678	A	4.8
13	c1	3	THR	4.8
17	c5	137	SER	4.8
1	2	1059	U	4.8
33	e1	145	HIS	4.8
36	5	3275	U	4.8
1	6	1265	G	4.8
10	S8	21	PHE	4.7
36	1	1952	G	4.7
1	6	1266	U	4.7
1	6	1268	G	4.7
2	S0	107	PHE	4.7
5	s3	182	LEU	4.7
5	s3	145	ALA	4.7
60	n4	121	ALA	4.7
8	S6	80	ASN	4.6
34	sR	117	LYS	4.6
9	s7	109	VAL	4.6
1	2	132	U	4.6
1	2	238	U	4.6
1	2	913	G	4.6
36	5	1349	G	4.6
38	8	80	A	4.6
18	c6	8	GLN	4.6
33	e1	102	VAL	4.6
11	S9	3	ARG	4.5
3	S1	25	THR	4.5
1	2	1371	A	4.5
16	C4	15	GLY	4.4
1	6	662	U	4.4
36	5	2506	U	4.4

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Mol	Chain	Res	Type	RSRZ
17	c5	109	PRO	4.4
36	5	1103	A	4.4
72	o6	11	LEU	4.4
68	o2	127	ALA	4.4
36	5	2507	C	4.4
14	c2	75	VAL	4.4
36	1	1261	G	4.3
36	1	2772	C	4.3
60	N4	75	THR	4.3
36	5	2505	U	4.3
4	s2	90	THR	4.3
18	C6	20	ALA	4.3
1	2	194	U	4.3
72	O6	56	ARG	4.3
10	S8	37	LYS	4.3
7	s5	37	GLN	4.3
33	E1	145	HIS	4.2
36	1	1237	G	4.2
27	D5	97	LYS	4.2
3	S1	156	ALA	4.2
1	6	1255	G	4.2
12	c0	64	TYR	4.2
12	c0	79	TYR	4.2
45	l8	124	ASP	4.2
12	C0	96	ASN	4.1
13	C1	2	SER	4.1
1	6	1447	C	4.1
12	c0	15	LEU	4.1
12	c0	42	VAL	4.1
36	5	1017	C	4.1
55	M9	177	VAL	4.1
33	e1	101	ALA	4.1
12	c0	46	LEU	4.1
5	s3	43	PRO	4.1
4	s2	92	ALA	4.0
10	S8	8	ARG	4.0
6	s4	26	CYS	4.0
17	C5	104	GLN	4.0
33	e1	147	VAL	4.0
1	6	651	G	4.0
42	l5	270	LYS	4.0
36	1	1103	A	4.0

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Mol	Chain	Res	Type	RSRZ
36	5	1350	A	4.0
12	c0	25	LYS	4.0
1	6	1439	C	4.0
5	s3	115	ILE	3.9
22	D0	19	ILE	3.9
36	1	1236	G	3.9
29	D7	38	PRO	3.9
34	sR	136	ILE	3.9
60	N4	89	LEU	3.9
1	6	1440	C	3.9
36	5	1582	C	3.9
33	e1	152	ALA	3.9
38	8	81	U	3.9
11	S9	5	PRO	3.9
14	c2	71	ILE	3.9
3	S1	63	GLY	3.9
7	s5	130	ILE	3.9
53	M7	166	VAL	3.8
36	5	1581	C	3.8
5	s3	142	LEU	3.8
16	C4	102	LEU	3.8
31	d9	20	GLN	3.8
18	c6	3	ALA	3.8
36	1	2205	U	3.8
18	c6	5	PRO	3.8
31	d9	43	PHE	3.8
1	6	663	U	3.8
12	c0	27	PHE	3.8
20	c8	3	LEU	3.8
20	C8	146	ALA	3.7
34	sR	2	ALA	3.7
47	m0	221	ALA	3.7
12	c0	96	ASN	3.7
48	M1	11	ASP	3.7
14	c2	102	GLY	3.7
26	d4	134	ALA	3.7
1	6	679	U	3.7
48	M1	148	VAL	3.7
1	6	1371	A	3.7
12	c0	9	ASN	3.7
19	C7	69	ILE	3.7
69	o3	60	ARG	3.7

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Mol	Chain	Res	Type	RSRZ
19	C7	126	ALA	3.7
45	l8	246	MET	3.7
36	1	1260	A	3.7
7	s5	129	PRO	3.7
2	S0	113	ARG	3.7
36	5	250	U	3.7
14	c2	47	GLU	3.7
35	sM	49	LYS	3.7
1	6	655	G	3.6
34	SR	78	ALA	3.6
34	sR	167	VAL	3.6
13	C1	150	ASN	3.6
22	d0	114	VAL	3.6
36	1	1351	U	3.6
36	1	3286	G	3.6
35	sM	156	ASN	3.6
3	S1	20	VAL	3.6
18	C6	66	ARG	3.6
60	N4	85	ALA	3.6
1	2	707	A	3.6
19	C7	53	TYR	3.6
5	S3	88	ALA	3.6
1	6	665	U	3.6
19	c7	97	ASN	3.6
12	c0	43	ILE	3.6
13	C1	146	ALA	3.5
60	n4	128	ALA	3.5
21	c9	36	ILE	3.5
35	SM	160	ASN	3.5
35	SM	19	VAL	3.5
2	S0	207	PRO	3.5
33	e1	85	TYR	3.5
14	c2	114	LYS	3.5
12	c0	89	ALA	3.5
34	sR	121	MET	3.5
4	s2	91	ARG	3.5
5	S3	87	TYR	3.5
41	L4	311	HIS	3.5
5	s3	59	LEU	3.5
12	c0	84	GLU	3.5
33	e1	90	LYS	3.5
33	E1	87	THR	3.5

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Mol	Chain	Res	Type	RSRZ
1	2	145	A	3.5
16	c4	125	SER	3.5
34	SR	81	LEU	3.5
36	1	1581	C	3.5
1	2	133	U	3.5
54	M8	74	GLU	3.4
43	l6	128	LYS	3.4
60	N4	88	ASP	3.4
36	1	2539	C	3.4
36	5	249	U	3.4
45	l8	254	ASP	3.4
2	S0	102	PHE	3.4
14	C2	62	LEU	3.4
20	c8	18	LEU	3.4
1	2	658	C	3.4
1	2	820	U	3.4
1	6	1437	U	3.4
36	5	620	U	3.4
65	N9	25	LYS	3.4
1	6	1267	G	3.4
33	e1	80	ARG	3.4
59	n3	3	GLY	3.4
8	S6	226	ILE	3.4
36	5	2971	A	3.4
19	C7	123	ASN	3.4
38	8	83	C	3.4
1	2	74	U	3.4
1	2	280	U	3.4
36	1	1028	U	3.4
13	C1	156	PHE	3.4
14	c2	62	LEU	3.4
34	sR	212	ALA	3.4
29	d7	33	LEU	3.3
59	n3	2	SER	3.3
4	S2	163	GLY	3.3
34	SR	79	TYR	3.3
1	6	676	G	3.3
39	l2	247	ARG	3.3
5	s3	41	VAL	3.3
12	c0	76	LEU	3.3
14	c2	121	VAL	3.3
33	E1	150	VAL	3.3

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Mol	Chain	Res	Type	RSRZ
4	s2	208	GLU	3.3
14	C2	107	ASP	3.3
1	6	794	U	3.3
36	5	1192	C	3.3
12	c0	90	THR	3.3
5	s3	25	PHE	3.3
60	n4	66	GLU	3.3
62	N6	127	GLU	3.3
71	O5	102	GLU	3.3
1	2	1217	A	3.3
1	6	1707	A	3.3
33	e1	124	PRO	3.3
22	d0	107	THR	3.3
36	1	3360	C	3.3
62	n6	126	LEU	3.3
12	c0	1	MET	3.3
53	M7	174	GLY	3.3
35	SM	134	ASP	3.3
35	SM	153	ASP	3.3
10	s8	20	GLN	3.3
1	6	75	U	3.3
1	6	1708	U	3.3
36	1	1350	A	3.3
33	e1	77	ALA	3.3
81	p0	64	ARG	3.2
12	C0	85	HIS	3.2
1	6	719	U	3.2
1	6	1438	G	3.2
36	1	1234	G	3.2
12	C0	88	PRO	3.2
59	N3	2	SER	3.2
34	sR	244	ALA	3.2
18	c6	142	TYR	3.2
1	2	146	U	3.2
17	c5	5	VAL	3.2
2	S0	43	ASP	3.2
5	s3	143	ARG	3.2
19	C7	95	ARG	3.2
73	o7	88	ALA	3.2
13	c1	5	LEU	3.2
45	l8	123	GLN	3.2
22	d0	99	ILE	3.2

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Mol	Chain	Res	Type	RSRZ
33	e1	125	THR	3.2
34	sR	162	ALA	3.2
70	O4	2	ALA	3.2
1	6	1233	G	3.2
14	c2	95	LYS	3.2
1	6	1215	C	3.2
35	SM	152	GLN	3.2
53	M7	182	ILE	3.2
38	4	81	U	3.1
18	C6	11	GLY	3.1
31	d9	7	TRP	3.1
36	1	1352	A	3.1
36	1	2207	A	3.1
36	5	1580	A	3.1
38	4	80	A	3.1
31	d9	6	VAL	3.1
58	N2	108	TYR	3.1
1	2	234	G	3.1
1	6	720	G	3.1
36	5	2549	G	3.1
31	d9	38	ILE	3.1
35	sM	85	SER	3.1
34	sR	189	GLU	3.1
1	2	134	U	3.1
1	2	320	U	3.1
36	1	3287	U	3.1
5	s3	152	PHE	3.1
81	p0	217	VAL	3.1
6	S4	134	LYS	3.1
15	C3	16	ILE	3.1
33	e1	78	LYS	3.1
36	1	2522	G	3.1
36	5	3276	G	3.1
21	C9	36	ILE	3.1
34	SR	136	ILE	3.1
36	1	979	U	3.1
1	2	217	A	3.1
1	6	1256	A	3.1
2	S0	44	GLY	3.1
11	S9	6	ARG	3.1
31	D9	7	TRP	3.1
36	1	1016	C	3.1

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Mol	Chain	Res	Type	RSRZ
36	1	1238	C	3.1
60	N4	76	VAL	3.1
12	c0	75	TYR	3.1
36	1	1256	G	3.1
72	o6	28	TYR	3.1
20	c8	146	ALA	3.1
35	sM	66	ALA	3.1
47	m0	195	ALA	3.1
1	6	836	U	3.1
22	d0	118	VAL	3.1
12	c0	97	PRO	3.1
8	S6	224	ALA	3.0
5	S3	179	GLN	3.0
1	2	651	G	3.0
1	6	1228	G	3.0
1	6	1445	G	3.0
33	E1	86	THR	3.0
14	c2	86	VAL	3.0
33	E1	147	VAL	3.0
36	1	2996	U	3.0
38	4	82	U	3.0
12	c0	48	SER	3.0
19	c7	53	TYR	3.0
35	SM	154	TYR	3.0
5	s3	71	LEU	3.0
48	M1	152	HIS	3.0
19	c7	62	GLN	3.0
13	c1	29	LYS	3.0
34	sR	118	LYS	3.0
34	sR	168	THR	3.0
31	D9	4	GLU	3.0
1	6	710	U	3.0
1	2	228	G	3.0
1	6	1218	G	3.0
12	c0	2	LEU	3.0
14	c2	46	ARG	3.0
31	d9	5	ASN	3.0
35	sM	50	ASN	3.0
53	M7	164	LYS	3.0
36	1	1259	A	3.0
47	m0	213	PHE	3.0
18	c6	141	SER	3.0

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Mol	Chain	Res	Type	RSRZ
1	2	75	U	3.0
1	2	1657	U	3.0
1	6	1449	U	3.0
36	5	981	U	3.0
33	e1	79	LYS	3.0
17	c5	91	GLY	3.0
58	n2	14	THR	3.0
5	s3	177	MET	3.0
12	C0	89	ALA	3.0
14	c2	48	SER	3.0
34	sR	303	ALA	3.0
60	n4	125	ALA	3.0
5	s3	148	LYS	3.0
21	C9	35	ASP	3.0
16	C4	121	VAL	3.0
21	c9	32	GLY	3.0
33	e1	93	HIS	3.0
53	M7	165	VAL	3.0
1	2	718	U	3.0
12	c0	98	THR	3.0
19	c7	25	THR	3.0
10	s8	8	ARG	2.9
36	5	3288	G	2.9
2	S0	138	TYR	2.9
12	c0	41	TYR	2.9
14	c2	37	VAL	2.9
33	E1	93	HIS	2.9
1	6	721	U	2.9
3	S1	46	THR	2.9
20	c8	17	LEU	2.9
35	SM	151	LEU	2.9
34	sR	158	PRO	2.9
26	D4	130	ALA	2.9
12	c0	65	TYR	2.9
6	s4	203	GLY	2.9
23	D1	69	LEU	2.9
34	SR	72	THR	2.9
36	1	2548	C	2.9
36	5	1562	C	2.9
48	M1	136	ALA	2.9
36	5	3195	U	2.9
6	s4	111	VAL	2.9

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Mol	Chain	Res	Type	RSRZ
17	c5	11	VAL	2.9
5	s3	72	LEU	2.9
1	2	279	G	2.9
11	S9	181	ALA	2.9
13	c1	144	ALA	2.9
14	c2	104	ALA	2.9
30	D8	43	ASN	2.9
58	n2	52	ASN	2.9
14	c2	60	VAL	2.9
20	C8	22	VAL	2.9
14	c2	106	ILE	2.9
18	c6	89	LEU	2.9
7	S5	37	GLN	2.9
71	O5	120	ALA	2.9
31	D9	6	VAL	2.9
1	6	1446	A	2.9
5	s3	24	PHE	2.9
5	s3	112	GLY	2.9
12	c0	80	LEU	2.9
33	E1	103	LEU	2.9
60	N4	82	ILE	2.9
22	D0	120	SER	2.8
12	c0	83	PRO	2.8
50	M4	9	ALA	2.8
56	n0	2	ALA	2.8
60	N4	81	PRO	2.8
14	c2	108	ARG	2.8
3	S1	94	LYS	2.8
33	e1	139	LEU	2.8
34	SR	162	ALA	2.8
53	M7	184	ALA	2.8
1	2	261	U	2.8
35	SM	175	ASP	2.8
1	6	239	C	2.8
16	C4	48	VAL	2.8
36	1	1017	C	2.8
36	5	1016	C	2.8
19	C7	97	ASN	2.8
47	m0	111	LEU	2.8
22	d0	90	TYR	2.8
39	L2	253	GLN	2.8
34	sR	172	ALA	2.8

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Mol	Chain	Res	Type	RSRZ
73	O7	87	SER	2.8
81	p0	188	VAL	2.8
8	S6	225	GLU	2.8
60	n4	65	GLU	2.8
1	6	1227	A	2.8
1	2	715	U	2.8
27	D5	65	LEU	2.8
5	s3	184	ILE	2.8
72	o6	80	PHE	2.8
1	6	1441	C	2.8
36	1	1951	C	2.8
31	d9	27	HIS	2.8
55	M9	170	ARG	2.8
18	C6	132	LYS	2.8
35	sM	54	PRO	2.8
8	S6	178	LEU	2.8
35	sM	155	LEU	2.8
18	c6	138	PHE	2.8
34	sR	220	ILE	2.8
3	S1	178	GLY	2.8
59	N3	3	GLY	2.8
1	2	650	U	2.8
14	c2	124	LYS	2.8
34	sR	62	LYS	2.8
80	e0	62	VAL	2.8
23	D1	34	ILE	2.8
25	D3	2	GLY	2.7
11	s9	6	ARG	2.7
5	s3	219	ALA	2.7
33	e1	99	LYS	2.7
34	sR	226	ALA	2.7
6	S4	26	CYS	2.7
20	c8	136	GLN	2.7
33	e1	144	CYS	2.7
30	D8	44	VAL	2.7
12	c0	68	LEU	2.7
18	c6	2	SER	2.7
21	C9	85	SER	2.7
34	sR	99	THR	2.7
60	N4	83	THR	2.7
11	S9	38	ASN	2.7
18	C6	142	TYR	2.7

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Mol	Chain	Res	Type	RSRZ
59	n3	4	ASN	2.7
10	s8	19	ALA	2.7
34	sR	214	ALA	2.7
1	2	1370	U	2.7
22	d0	103	ILE	2.7
33	e1	91	ILE	2.7
36	1	2208	A	2.7
41	L4	310	THR	2.7
55	M9	53	LYS	2.7
36	1	3154	C	2.7
60	n4	131	ALA	2.7
6	s4	261	LEU	2.7
1	6	677	G	2.7
56	n0	138	GLN	2.7
19	C7	71	PHE	2.7
34	sR	61	PHE	2.7
14	C2	117	GLY	2.7
17	c5	9	LYS	2.7
27	D5	93	SER	2.7
36	5	246	U	2.7
1	6	506	A	2.7
36	1	440	A	2.7
33	e1	150	VAL	2.7
1	6	731	C	2.7
12	c0	93	GLN	2.7
62	N6	26	GLN	2.7
5	s3	178	ARG	2.7
48	M1	133	ARG	2.7
65	n9	22	LYS	2.7
1	6	837	G	2.7
14	c2	100	TRP	2.7
12	c0	60	SER	2.7
19	C7	89	SER	2.7
1	2	241	U	2.7
1	6	320	U	2.7
5	s3	110	LEU	2.7
16	c4	62	LEU	2.7
21	c9	33	TYR	2.7
36	5	1028	U	2.7
81	p0	80	VAL	2.7
36	1	3375	A	2.6
60	N4	90	ILE	2.6

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Mol	Chain	Res	Type	RSRZ
8	S6	154	ARG	2.6
7	S5	54	LYS	2.6
14	c2	85	LYS	2.6
60	N4	69	LYS	2.6
27	D5	36	ALA	2.6
34	sR	33	LEU	2.6
33	e1	106	TYR	2.6
2	S0	32	HIS	2.6
1	6	1229	G	2.6
9	S7	8	ILE	2.6
29	d7	43	ILE	2.6
7	S5	48	PHE	2.6
26	D4	119	PHE	2.6
36	1	2954	U	2.6
36	1	3275	U	2.6
36	5	252	U	2.6
48	M1	132	ASN	2.6
60	N4	92	GLU	2.6
5	s3	42	THR	2.6
18	c6	17	THR	2.6
55	m9	29	THR	2.6
26	D4	134	ALA	2.6
72	o6	64	SER	2.6
33	e1	96	LYS	2.6
9	s7	4	PRO	2.6
20	C8	82	PRO	2.6
5	s3	57	ASP	2.6
59	N3	5	GLY	2.6
1	2	137	U	2.6
1	2	193	U	2.6
1	6	657	U	2.6
10	S8	61	GLU	2.6
36	5	1356	U	2.6
36	1	1262	G	2.6
14	C2	103	LEU	2.6
34	sR	252	LEU	2.6
7	s5	133	VAL	2.6
9	s7	3	ALA	2.6
11	S9	4	ALA	2.6
35	sM	136	ALA	2.6
67	O1	23	VAL	2.6
34	sR	46	LYS	2.6

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Mol	Chain	Res	Type	RSRZ
81	p0	60	ARG	2.6
21	c9	80	TYR	2.6
42	l5	272	TYR	2.6
45	l8	121	SER	2.6
39	l2	250	GLN	2.6
12	c0	81	ASN	2.6
26	D4	65	GLY	2.6
45	l8	252	ASN	2.6
5	s3	21	LEU	2.6
5	s3	113	LEU	2.6
9	S7	38	LEU	2.6
34	SR	91	LEU	2.6
18	c6	20	ALA	2.6
74	o8	2	ALA	2.6
5	s3	141	LYS	2.6
19	c7	3	ARG	2.6
3	S1	121	ILE	2.6
1	2	656	G	2.6
33	e1	148	TYR	2.6
2	S0	2	SER	2.6
58	n2	97	SER	2.6
1	2	1346	A	2.6
3	S1	157	GLN	2.6
35	SM	9	GLY	2.6
33	e1	134	ASN	2.6
3	S1	120	LEU	2.6
1	2	233	C	2.6
1	6	1210	C	2.6
5	s3	88	ALA	2.6
11	s9	3	ARG	2.6
14	c2	30	VAL	2.6
14	c2	116	VAL	2.6
16	c4	28	VAL	2.6
13	C1	151	LYS	2.6
14	c2	105	LYS	2.6
13	C1	3	THR	2.6
34	SR	115	ILE	2.5
12	C0	1	MET	2.5
33	E1	95	HIS	2.5
36	1	1094	U	2.5
36	1	1095	U	2.5
36	5	1567	U	2.5

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Mol	Chain	Res	Type	RSRZ
68	O2	26	HIS	2.5
2	s0	207	PRO	2.5
3	S1	135	LEU	2.5
3	s1	110	LEU	2.5
2	s0	206	ASP	2.5
1	2	135	A	2.5
3	S1	122	GLU	2.5
36	5	1352	A	2.5
31	D9	43	PHE	2.5
31	d9	8	PHE	2.5
11	S9	8	TYR	2.5
14	C2	45	LEU	2.5
33	e1	103	LEU	2.5
33	e1	104	SER	2.5
36	1	1955	U	2.5
36	5	245	U	2.5
45	l8	119	GLY	2.5
58	N2	89	LEU	2.5
81	p0	184	GLY	2.5
12	c0	10	LYS	2.5
45	l8	245	LYS	2.5
47	M0	203	LYS	2.5
2	S0	28	ASN	2.5
5	S3	135	GLU	2.5
8	s6	80	ASN	2.5
34	sR	180	ALA	2.5
18	c6	29	ILE	2.5
36	5	440	A	2.5
36	5	1566	A	2.5
1	6	214	G	2.5
19	C7	73	LEU	2.5
29	D7	41	LEU	2.5
19	C7	68	GLY	2.5
60	N4	93	ARG	2.5
70	O4	73	SER	2.5
5	s3	85	VAL	2.5
5	s3	122	VAL	2.5
9	s7	52	ALA	2.5
34	sR	27	ALA	2.5
1	2	721	U	2.5
1	6	194	U	2.5
2	S0	98	ILE	2.5

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Mol	Chain	Res	Type	RSRZ
81	p0	4	ILE	2.5
81	p0	203	ASP	2.5
26	D4	117	LYS	2.5
27	d5	75	LEU	2.5
33	e1	143	LYS	2.5
34	sR	292	LEU	2.5
1	6	684	A	2.5
31	d9	23	VAL	2.5
5	s3	144	ALA	2.5
36	1	1242	G	2.5
36	5	2503	G	2.5
34	sR	54	PHE	2.5
14	C2	88	LEU	2.5
14	c2	28	LEU	2.5
40	L3	146	ARG	2.5
28	D6	65	PRO	2.5
53	M7	168	LEU	2.5
60	N4	84	GLY	2.5
12	c0	22	VAL	2.5
21	C9	71	VAL	2.5
26	d4	106	GLN	2.5
17	c5	74	ALA	2.4
42	L5	291	ALA	2.4
12	C0	94	GLU	2.4
36	1	1580	A	2.4
38	8	79	A	2.4
8	s6	88	ARG	2.4
16	c4	47	LYS	2.4
20	C8	44	ASN	2.4
39	L2	247	ARG	2.4
1	2	726	C	2.4
34	sR	222	LEU	2.4
36	1	1577	G	2.4
36	5	244	G	2.4
1	6	1442	U	2.4
12	c0	47	GLN	2.4
14	C2	20	ALA	2.4
35	SM	176	ALA	2.4
53	m7	156	ALA	2.4
81	p0	107	ALA	2.4
34	sR	177	MET	2.4
14	c2	113	ARG	2.4

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Mol	Chain	Res	Type	RSRZ
22	D0	21	LYS	2.4
33	e1	94	LYS	2.4
1	2	740	A	2.4
16	C4	119	THR	2.4
22	D0	67	THR	2.4
26	D4	34	ASN	2.4
45	l8	24	ASN	2.4
81	p0	32	ASN	2.4
36	1	1026	A	2.4
36	1	1879	A	2.4
36	5	980	A	2.4
6	S4	129	VAL	2.4
12	c0	12	HIS	2.4
33	E1	129	GLY	2.4
57	N1	126	VAL	2.4
14	c2	110	ALA	2.4
36	1	2546	C	2.4
36	5	439	C	2.4
1	2	1362	U	2.4
1	6	718	U	2.4
18	c6	139	GLN	2.4
36	5	492	U	2.4
8	S6	219	ARG	2.4
16	c4	49	LYS	2.4
35	sM	170	LYS	2.4
12	c0	6	GLU	2.4
13	c1	42	PHE	2.4
55	M9	5	ARG	2.4
3	S1	47	LEU	2.4
3	S1	207	LEU	2.4
5	s3	29	LEU	2.4
22	D0	93	LEU	2.4
20	c8	84	TRP	2.4
9	S7	4	PRO	2.4
34	sR	25	THR	2.4
35	sM	167	PRO	2.4
12	c0	73	VAL	2.4
14	c2	61	VAL	2.4
48	M1	138	VAL	2.4
1	2	734	A	2.4
9	S7	98	ILE	2.4
27	d5	104	ALA	2.4

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Mol	Chain	Res	Type	RSRZ
34	sR	254	ALA	2.4
12	c0	44	LYS	2.4
49	M3	174	ARG	2.4
1	6	1450	U	2.4
14	c2	32	LEU	2.4
22	d0	26	LEU	2.4
33	e1	117	LEU	2.4
36	1	1574	C	2.4
37	3	73	C	2.4
43	l6	129	GLU	2.4
9	s7	31	SER	2.4
19	C7	96	SER	2.4
33	e1	146	SER	2.4
81	p0	200	SER	2.4
5	S3	44	THR	2.4
13	c1	117	VAL	2.4
3	S1	93	GLY	2.4
24	D2	55	ASP	2.4
7	S5	179	ALA	2.4
12	c0	35	ILE	2.4
42	L5	2	ALA	2.4
63	N7	2	ALA	2.4
15	c3	4	MET	2.4
34	sR	186	PHE	2.4
52	M6	48	PHE	2.4
14	c2	59	LEU	2.4
60	N4	87	LEU	2.4
80	e0	49	LEU	2.4
16	C4	37	GLU	2.4
47	m0	186	GLU	2.4
4	s2	181	SER	2.4
1	2	649	U	2.4
1	6	664	U	2.4
12	c0	21	VAL	2.4
25	d3	64	PRO	2.4
34	sR	58	VAL	2.4
1	6	658	C	2.3
1	6	668	C	2.3
4	s2	93	GLY	2.3
10	S8	48	THR	2.3
19	c7	55	THR	2.3
35	SM	87	THR	2.3

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Mol	Chain	Res	Type	RSRZ
7	s5	79	ASN	2.3
8	S6	194	LYS	2.3
11	s9	4	ALA	2.3
12	C0	41	TYR	2.3
14	c2	92	ALA	2.3
18	C6	3	ALA	2.3
35	SM	88	ARG	2.3
49	m3	195	ALA	2.3
65	N9	59	LYS	2.3
36	1	2549	G	2.3
36	1	3288	G	2.3
22	d0	34	LEU	2.3
4	S2	63	VAL	2.3
1	2	1151	A	2.3
1	6	829	A	2.3
2	s0	96	THR	2.3
18	C6	12	LYS	2.3
18	C6	127	LYS	2.3
22	d0	57	ARG	2.3
46	L9	138	THR	2.3
48	M1	153	LYS	2.3
2	s0	173	ILE	2.3
3	S1	164	ILE	2.3
7	S5	182	ALA	2.3
35	sM	169	ALA	2.3
47	M0	221	ALA	2.3
1	6	1254	U	2.3
36	5	3155	U	2.3
38	4	158	U	2.3
12	c0	26	ASP	2.3
27	D5	48	ASP	2.3
4	s2	240	LEU	2.3
11	s9	146	PHE	2.3
25	D3	33	LEU	2.3
55	m9	185	LEU	2.3
81	p0	76	LEU	2.3
12	C0	93	GLN	2.3
35	sM	157	GLN	2.3
21	C9	141	GLU	2.3
1	2	729	G	2.3
36	1	1029	G	2.3
36	1	1243	G	2.3

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Mol	Chain	Res	Type	RSRZ
57	n1	126	VAL	2.3
33	e1	82	LYS	2.3
34	SR	137	LYS	2.3
72	O6	70	ARG	2.3
5	s3	55	THR	2.3
19	C7	125	SER	2.3
21	C9	82	GLY	2.3
19	c7	56	HIS	2.3
3	s1	54	LEU	2.3
17	c5	6	ASN	2.3
1	6	1236	A	2.3
36	1	1093	A	2.3
1	2	1361	U	2.3
1	6	1370	U	2.3
36	1	1820	U	2.3
41	l4	14	GLU	2.3
1	6	1235	C	2.3
33	e1	84	VAL	2.3
36	1	439	C	2.3
65	N9	58	LYS	2.3
22	d0	20	ILE	2.3
18	c6	18	ALA	2.3
21	C9	41	SER	2.3
7	S5	97	LEU	2.3
20	C8	17	LEU	2.3
27	D5	82	HIS	2.3
28	d6	17	HIS	2.3
8	S6	50	PHE	2.3
36	1	1573	G	2.3
36	1	3289	G	2.3
36	5	3158	G	2.3
16	C4	92	LYS	2.3
48	M1	13	LYS	2.3
1	6	226	A	2.3
20	c8	4	VAL	2.3
36	1	549	U	2.3
36	5	3319	U	2.3
38	8	82	U	2.3
3	S1	171	ILE	2.3
39	l2	238	ILE	2.3
63	n7	72	ILE	2.3
7	s5	36	ALA	2.3

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Mol	Chain	Res	Type	RSRZ
48	M1	135	GLY	2.3
61	n5	23	ALA	2.3
1	6	1209	C	2.3
1	6	1426	C	2.3
36	1	1280	C	2.3
5	S3	4	LEU	2.3
34	sR	144	LEU	2.3
42	l5	293	LEU	2.3
3	S1	142	PHE	2.3
9	s7	2	SER	2.3
19	c7	96	SER	2.3
69	o3	19	SER	2.3
33	E1	85	TYR	2.3
65	n9	27	TYR	2.3
2	s0	193	GLN	2.3
7	S5	41	LYS	2.3
35	SM	68	ARG	2.3
61	n5	33	ARG	2.3
8	s6	89	ASP	2.3
12	c0	20	VAL	2.3
14	c2	120	VAL	2.3
32	E0	50	VAL	2.3
60	n4	67	VAL	2.3
34	SR	160	GLU	2.2
1	2	730	G	2.2
14	c2	72	ILE	2.2
27	D5	41	ILE	2.2
17	c5	133	ALA	2.2
45	L8	256	ALA	2.2
55	m9	189	ALA	2.2
1	2	725	U	2.2
1	6	227	U	2.2
11	S9	60	LEU	2.2
14	c2	88	LEU	2.2
14	c2	97	LEU	2.2
22	d0	63	LEU	2.2
36	1	1245	A	2.2
36	1	1950	U	2.2
17	c5	50	THR	2.2
22	d0	70	THR	2.2
9	s7	106	SER	2.2
34	SR	117	LYS	2.2

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Mol	Chain	Res	Type	RSRZ
35	sM	121	LYS	2.2
60	N4	72	SER	2.2
1	6	659	C	2.2
16	C4	30	VAL	2.2
81	p0	59	VAL	2.2
3	S1	147	ALA	2.2
6	S4	124	GLY	2.2
30	D8	6	PRO	2.2
48	M1	134	PRO	2.2
42	L5	92	LEU	2.2
75	O9	2	ALA	2.2
78	Q2	104	LEU	2.2
10	S8	120	THR	2.2
17	C5	50	THR	2.2
28	D6	13	LYS	2.2
36	1	2714	G	2.2
1	2	912	U	2.2
11	S9	95	TYR	2.2
1	6	754	A	2.2
1	6	1444	A	2.2
1	6	1712	A	2.2
36	1	2100	A	2.2
10	S8	81	VAL	2.2
22	D0	51	VAL	2.2
27	D5	40	VAL	2.2
14	c2	80	ASN	2.2
5	S3	50	ILE	2.2
7	S5	172	ILE	2.2
1	2	237	C	2.2
9	S7	81	LEU	2.2
13	C1	145	ALA	2.2
48	M1	9	MET	2.2
56	n0	1	MET	2.2
10	s8	200	LYS	2.2
22	D0	61	LYS	2.2
63	N7	55	LYS	2.2
42	L5	3	PHE	2.2
4	S2	91	ARG	2.2
55	M9	85	ARG	2.2
4	s2	166	THR	2.2
18	C6	21	HIS	2.2
22	D0	60	THR	2.2

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Mol	Chain	Res	Type	RSRZ
8	S6	41	VAL	2.2
14	c2	63	VAL	2.2
33	e1	98	VAL	2.2
45	l8	116	VAL	2.2
80	e0	47	VAL	2.2
73	o7	87	SER	2.2
1	2	719	U	2.2
1	2	830	U	2.2
36	1	1815	U	2.2
36	5	1351	U	2.2
36	5	1820	U	2.2
41	L4	304	GLN	2.2
33	e1	151	ASN	2.2
36	1	1576	G	2.2
36	5	1576	G	2.2
59	N3	4	ASN	2.2
1	2	148	A	2.2
1	6	1219	A	2.2
34	sR	210	LEU	2.2
50	m4	9	ALA	2.2
73	o7	86	ALA	2.2
75	O9	39	ALA	2.2
3	S1	131	ASP	2.2
61	n5	36	LYS	2.2
2	S0	101	ARG	2.2
8	S6	196	ARG	2.2
33	e1	138	ARG	2.2
1	2	131	C	2.2
1	2	239	C	2.2
1	6	674	C	2.2
18	C6	17	THR	2.2
33	e1	87	THR	2.2
7	S5	24	VAL	2.2
4	S2	164	SER	2.2
8	S6	1	MET	2.2
8	S6	172	ALA	2.2
8	S6	222	GLU	2.2
13	c1	146	ALA	2.2
45	l8	117	ALA	2.2
47	M0	218	ALA	2.2
53	M7	161	ALA	2.2
67	o1	82	GLU	2.2

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Mol	Chain	Res	Type	RSRZ
1	2	558	U	2.2
1	6	242	U	2.2
1	6	1491	U	2.2
1	6	1687	U	2.2
36	1	1356	U	2.2
36	5	1764	U	2.2
3	S1	26	ARG	2.2
70	o4	81	CYS	2.2
1	2	236	A	2.2
1	2	538	A	2.2
1	6	1226	A	2.2
1	2	488	G	2.2
1	6	1261	G	2.2
1	6	1448	G	2.2
36	1	1233	G	2.2
36	5	1565	G	2.2
19	c7	66	VAL	2.1
63	n7	86	THR	2.1
1	2	1399	C	2.1
1	6	1274	C	2.1
14	c2	89	ILE	2.1
36	5	3159	C	2.1
3	s1	217	LEU	2.1
4	s2	89	GLN	2.1
7	S5	86	GLN	2.1
9	s7	5	GLN	2.1
9	s7	34	LEU	2.1
26	d4	18	LEU	2.1
34	SR	252	LEU	2.1
35	SM	157	GLN	2.1
47	M0	112	GLN	2.1
55	m9	7	GLN	2.1
7	S5	99	MET	2.1
4	S2	208	GLU	2.1
13	C1	147	ALA	2.1
30	D8	21	SER	2.1
45	l8	253	SER	2.1
29	D7	75	GLU	2.1
60	n4	68	ALA	2.1
63	n7	2	ALA	2.1
70	o4	75	ALA	2.1
11	S9	2	PRO	2.1

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Mol	Chain	Res	Type	RSRZ
35	SM	161	ASN	2.1
12	c0	16	PHE	2.1
78	Q2	106	PHE	2.1
1	2	232	U	2.1
1	6	1257	U	2.1
1	6	1398	U	2.1
11	S9	151	ASP	2.1
33	E1	137	ASP	2.1
36	5	3277	U	2.1
2	S0	29	VAL	2.1
22	d0	97	VAL	2.1
34	sR	315	VAL	2.1
1	2	168	A	2.1
1	6	661	A	2.1
36	5	1025	A	2.1
60	N4	63	ILE	2.1
14	c2	58	LEU	2.1
41	L4	185	LYS	2.1
1	2	723	G	2.1
1	6	1435	G	2.1
31	d9	12	ARG	2.1
36	1	2574	G	2.1
59	N3	7	GLN	2.1
33	E1	152	ALA	2.1
35	SM	159	ALA	2.1
63	n7	59	ALA	2.1
77	Q1	2	ARG	2.1
9	S7	187	SER	2.1
12	C0	84	GLU	2.1
15	C3	2	GLY	2.1
28	d6	90	GLU	2.1
31	D9	9	SER	2.1
32	E0	60	PRO	2.1
35	sM	122	GLU	2.1
46	l9	60	GLY	2.1
36	1	1283	C	2.1
16	C4	51	ASP	2.1
16	C4	29	HIS	2.1
1	6	675	U	2.1
1	6	1259	U	2.1
5	s3	109	LEU	2.1
9	s7	8	ILE	2.1

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Mol	Chain	Res	Type	RSRZ
12	c0	40	LEU	2.1
32	E0	48	THR	2.1
39	l2	251	LYS	2.1
63	n7	56	LYS	2.1
40	l3	146	ARG	2.1
51	m5	147	ARG	2.1
67	O1	79	ARG	2.1
12	c0	13	GLN	2.1
17	c5	7	ALA	2.1
22	D0	119	ALA	2.1
34	sR	142	ALA	2.1
71	O5	2	ALA	2.1
1	2	506	A	2.1
1	2	678	A	2.1
1	6	1427	A	2.1
31	d9	11	PRO	2.1
36	5	3342	A	2.1
52	M6	40	GLU	2.1
55	m9	187	GLU	2.1
56	N0	130	GLU	2.1
3	S1	100	PHE	2.1
5	s3	221	SER	2.1
16	C4	14	PHE	2.1
26	d4	69	SER	2.1
31	d9	18	SER	2.1
14	c2	111	ASN	2.1
31	D9	5	ASN	2.1
1	2	1255	G	2.1
1	6	228	G	2.1
1	6	1270	G	2.1
3	S1	65	VAL	2.1
22	d0	100	VAL	2.1
34	sR	6	VAL	2.1
36	1	2206	G	2.1
1	2	136	C	2.1
37	7	73	C	2.1
10	s8	17	LYS	2.1
3	S1	61	LEU	2.1
5	S3	72	LEU	2.1
7	s5	165	LEU	2.1
15	c3	16	ILE	2.1
55	M9	50	ILE	2.1

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Mol	Chain	Res	Type	RSRZ
12	c0	8	ARG	2.1
16	C4	38	THR	2.1
53	M7	175	ARG	2.1
60	N4	73	ARG	2.1
20	C8	73	MET	2.1
33	e1	140	TYR	2.1
55	M9	78	TYR	2.1
14	C2	51	ALA	2.1
73	O7	86	ALA	2.1
1	6	241	U	2.1
8	S6	190	GLN	2.1
36	5	1950	U	2.1
5	s3	130	GLY	2.1
5	S3	24	PHE	2.1
12	c0	94	GLU	2.1
14	c2	109	GLU	2.1
34	sR	206	PRO	2.1
19	c7	43	SER	2.1
32	E0	61	SER	2.1
53	M7	170	SER	2.1
68	O2	51	SER	2.1
81	p0	199	SER	2.1
13	c1	123	VAL	2.1
44	L7	26	VAL	2.1
1	2	793	A	2.1
35	SM	105	LYS	2.1
45	l8	45	ASN	2.1
62	n6	98	ASN	2.1
3	S1	161	ILE	2.1
6	S4	261	LEU	2.1
7	s5	58	LEU	2.1
8	S6	124	LEU	2.1
11	s9	93	LEU	2.1
18	c6	118	ILE	2.1
20	C8	86	LEU	2.1
20	C8	145	ARG	2.1
20	c8	125	ILE	2.1
2	S0	204	TYR	2.1
5	s3	87	TYR	2.1
13	c1	31	THR	2.1
33	e1	105	TYR	2.1
81	p0	205	THR	2.1

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Mol	Chain	Res	Type	RSRZ
1	6	1700	C	2.1
1	6	660	G	2.1
19	c7	90	ALA	2.1
36	1	1762	C	2.1
36	5	1579	C	2.1
55	M9	131	ALA	2.1
71	o5	120	ALA	2.1
7	S5	151	GLY	2.1
35	SM	158	GLN	2.1
81	p0	29	GLY	2.1
5	s3	68	GLU	2.1
2	S0	139	VAL	2.0
8	S6	93	LYS	2.0
12	c0	38	LYS	2.0
16	C4	16	VAL	2.0
21	C9	92	LYS	2.0
31	d9	16	LYS	2.0
35	SM	46	LYS	2.0
58	n2	47	VAL	2.0
8	S6	158	ILE	2.0
10	S8	152	ILE	2.0
10	s8	22	ARG	2.0
18	c6	68	ARG	2.0
21	C9	79	LEU	2.0
34	sR	188	ILE	2.0
53	M7	167	ARG	2.0
5	s3	150	MET	2.0
1	6	538	A	2.0
6	S4	159	THR	2.0
14	C2	104	ALA	2.0
14	c2	34	THR	2.0
34	sR	250	TYR	2.0
36	1	2540	A	2.0
45	l8	125	ALA	2.0
55	M9	189	ALA	2.0
81	p0	206	ASP	2.0
78	q2	17	CYS	2.0
2	S0	7	PHE	2.0
2	s0	186	GLY	2.0
7	s5	43	PHE	2.0
39	L2	250	GLN	2.0
33	E1	88	PRO	2.0

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Mol	Chain	Res	Type	RSRZ
34	sR	247	PRO	2.0
81	p0	197	PHE	2.0
1	2	686	C	2.0
1	2	708	C	2.0
1	2	1082	C	2.0
25	D3	3	LYS	2.0
33	e1	83	LYS	2.0
34	SR	118	LYS	2.0
30	D8	7	VAL	2.0
36	5	2772	C	2.0
61	N5	22	LYS	2.0
19	C7	121	VAL	2.0
57	N1	124	VAL	2.0
1	2	281	G	2.0
1	6	810	G	2.0
1	6	834	G	2.0
1	6	1050	G	2.0
1	6	1428	G	2.0
4	S2	187	LEU	2.0
5	s3	64	ARG	2.0
61	N5	40	LEU	2.0
66	o0	56	LEU	2.0
3	S1	84	ILE	2.0
16	C4	83	ILE	2.0
36	5	1564	U	2.0
36	5	2504	U	2.0
36	5	2537	U	2.0
3	S1	103	MET	2.0
6	S4	16	HIS	2.0
15	C3	4	MET	2.0
2	S0	40	ALA	2.0
9	S7	12	ALA	2.0
34	sR	100	TYR	2.0
35	sM	82	THR	2.0
33	e1	137	ASP	2.0
12	C0	27	PHE	2.0
16	C4	75	GLY	2.0
18	c6	23	LYS	2.0
26	d4	128	LYS	2.0
60	n4	124	LYS	2.0
1	6	1559	A	2.0
36	1	1263	A	2.0

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Mol	Chain	Res	Type	RSRZ
36	1	2971	A	2.0
36	1	3359	A	2.0
62	n6	127	GLU	2.0
3	S1	54	LEU	2.0
12	c0	92	ILE	2.0
42	l5	290	ILE	2.0
1	2	724	C	2.0
1	6	741	C	2.0
36	1	765	C	2.0
36	5	175	C	2.0
36	5	1574	C	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 [i](#)

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($\text{\AA}^2$)	Q<0.9
85	MG	1	3805	1/1	-0.62	0.34	195,195,195,195	0
85	MG	6	2038	1/1	-0.29	0.44	105,105,105,105	0
85	MG	1	3406	1/1	-0.19	0.30	120,120,120,120	0
85	MG	1	3815	1/1	-0.14	0.44	111,111,111,111	0
85	MG	2	1966	1/1	-0.13	0.53	110,110,110,110	0
85	MG	6	1924	1/1	0.15	0.42	117,117,117,117	0
85	MG	5	3799	1/1	0.25	0.21	163,163,163,163	0
85	MG	M3	202	1/1	0.28	0.34	93,93,93,93	0
85	MG	2	1961	1/1	0.32	0.27	134,134,134,134	0
85	MG	5	3770	1/1	0.35	0.34	96,96,96,96	0
85	MG	6	2013	1/1	0.37	0.30	156,156,156,156	0
85	MG	6	1967	1/1	0.37	0.35	87,87,87,87	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1998	1/1	0.42	0.48	95,95,95,95	0
85	MG	2	2019	1/1	0.46	0.42	83,83,83,83	0
85	MG	6	1909	1/1	0.49	0.33	123,123,123,123	0
85	MG	2	1992	1/1	0.49	0.33	81,81,81,81	0
85	MG	5	3465	1/1	0.51	0.39	80,80,80,80	0
85	MG	6	2034	1/1	0.51	0.24	74,74,74,74	0
85	MG	2	2001	1/1	0.51	0.37	98,98,98,98	0
85	MG	5	3766	1/1	0.54	0.29	85,85,85,85	0
85	MG	2	1957	1/1	0.54	0.43	86,86,86,86	0
85	MG	2	1952	1/1	0.54	0.25	93,93,93,93	0
85	MG	2	1973	1/1	0.55	0.50	82,82,82,82	0
85	MG	2	1986	1/1	0.55	0.15	79,79,79,79	0
85	MG	6	1966	1/1	0.57	0.38	80,80,80,80	0
85	MG	2	1943	1/1	0.57	0.20	54,54,54,54	0
85	MG	2	2021	1/1	0.58	0.35	90,90,90,90	0
85	MG	2	1949	1/1	0.58	0.38	87,87,87,87	0
85	MG	1	3649	1/1	0.58	0.41	90,90,90,90	0
85	MG	5	3448	1/1	0.59	0.26	45,45,45,45	0
85	MG	2	1950	1/1	0.59	0.24	91,91,91,91	0
85	MG	5	3675	1/1	0.59	0.20	88,88,88,88	0
85	MG	2	1984	1/1	0.60	0.44	93,93,93,93	0
85	MG	6	1933	1/1	0.60	0.44	63,63,63,63	0
85	MG	2	1915	1/1	0.61	0.50	61,61,61,61	0
85	MG	2	2016	1/1	0.61	0.31	62,62,62,62	0
85	MG	2	1978	1/1	0.62	0.44	56,56,56,56	0
85	MG	2	1951	1/1	0.62	0.35	88,88,88,88	0
85	MG	5	3875	1/1	0.62	0.33	84,84,84,84	0
86	OHX	5	4229	7/7	0.62	0.24	148,148,148,148	0
85	MG	5	3788	1/1	0.63	0.28	80,80,80,80	0
85	MG	6	1940	1/1	0.63	0.41	88,88,88,88	0
85	MG	2	1904	1/1	0.63	0.35	63,63,63,63	0
85	MG	6	1934	1/1	0.63	0.32	73,73,73,73	0
85	MG	6	1911	1/1	0.64	0.45	89,89,89,89	0
86	OHX	6	2201	7/7	0.64	0.26	165,165,165,165	0
85	MG	1	3634	1/1	0.64	0.31	67,67,67,67	0
85	MG	2	1988	1/1	0.65	0.37	98,98,98,98	0
85	MG	6	1907	1/1	0.65	0.35	65,65,65,65	0
85	MG	3	209	1/1	0.66	0.31	51,51,51,51	0
86	OHX	6	2154	7/7	0.66	0.18	191,191,191,191	0
86	OHX	6	2189	7/7	0.66	0.22	179,179,179,179	0
85	MG	4	205	1/1	0.66	0.44	59,59,59,59	0
85	MG	6	2027	1/1	0.66	0.43	80,80,80,80	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	OHX	2	2172	7/7	0.67	0.21	166,166,166,166	0
86	OHX	1	4140	7/7	0.67	0.24	154,154,154,154	0
85	MG	5	3630	1/1	0.67	0.39	83,83,83,83	0
86	OHX	6	2168	7/7	0.67	0.19	153,153,153,153	0
85	MG	2	1914	1/1	0.67	0.40	57,57,57,57	0
85	MG	5	3725	1/1	0.67	0.22	93,93,93,93	0
86	OHX	5	4215	7/7	0.67	0.19	183,183,183,183	0
86	OHX	5	4222	7/7	0.67	0.28	125,125,125,125	0
85	MG	6	2040	1/1	0.67	0.31	81,81,81,81	0
86	OHX	5	4231	7/7	0.67	0.24	143,143,143,143	0
85	MG	6	1984	1/1	0.68	0.23	97,97,97,97	0
85	MG	1	3698	1/1	0.68	0.28	56,56,56,56	0
85	MG	6	1961	1/1	0.68	0.39	84,84,84,84	0
86	OHX	s1	303	7/7	0.68	0.22	161,161,161,161	0
85	MG	2	1964	1/1	0.68	0.28	79,79,79,79	0
86	OHX	1	4185	7/7	0.68	0.18	180,180,180,180	0
86	OHX	6	2105	7/7	0.68	0.20	159,159,159,159	0
85	MG	2	1975	1/1	0.68	0.37	70,70,70,70	0
85	MG	2	2017	1/1	0.69	0.23	67,67,67,67	0
86	OHX	L4	403	7/7	0.69	0.18	154,154,154,154	0
85	MG	L5	301	1/1	0.69	0.26	61,61,61,61	0
85	MG	6	1971	1/1	0.70	0.46	63,63,63,63	0
86	OHX	1	4164	7/7	0.70	0.14	226,226,226,226	0
85	MG	5	3791	1/1	0.70	0.27	71,71,71,71	0
86	OHX	5	4182	7/7	0.70	0.18	157,157,157,157	0
85	MG	1	3585	1/1	0.70	0.38	28,28,28,28	0
85	MG	1	3858	1/1	0.70	0.21	29,29,29,29	0
85	MG	8	201	1/1	0.70	0.22	62,62,62,62	0
85	MG	6	2003	1/1	0.70	0.24	79,79,79,79	0
85	MG	5	3729	1/1	0.71	0.36	65,65,65,65	0
86	OHX	1	4194	7/7	0.71	0.18	166,166,166,166	0
85	MG	6	1951	1/1	0.71	0.43	75,75,75,75	0
85	MG	6	1904	1/1	0.71	0.39	62,62,62,62	0
85	MG	6	2037	1/1	0.71	0.38	72,72,72,72	0
85	MG	C1	201	1/1	0.71	0.14	56,56,56,56	0
85	MG	1	3636	1/1	0.71	0.32	41,41,41,41	0
85	MG	5	3851	1/1	0.71	0.21	73,73,73,73	0
85	MG	3	201	1/1	0.71	0.33	57,57,57,57	0
86	OHX	5	4159	7/7	0.71	0.19	180,180,180,180	0
85	MG	2	2003	1/1	0.71	0.30	51,51,51,51	0
86	OHX	2	2156	7/7	0.71	0.13	251,251,251,251	0
85	MG	2	2008	1/1	0.71	0.36	63,63,63,63	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3713	1/1	0.71	0.43	70,70,70,70	0
85	MG	1	3591	1/1	0.71	0.39	70,70,70,70	0
86	OHX	4	241	7/7	0.72	0.27	132,132,132,132	0
85	MG	6	1920	1/1	0.72	0.20	36,36,36,36	0
85	MG	6	1923	1/1	0.72	0.32	64,64,64,64	0
85	MG	2	1962	1/1	0.72	0.35	81,81,81,81	0
85	MG	6	1965	1/1	0.72	0.26	62,62,62,62	0
86	OHX	5	4228	7/7	0.72	0.21	153,153,153,153	0
85	MG	1	3546	1/1	0.72	0.34	54,54,54,54	0
85	MG	2	1996	1/1	0.72	0.19	104,104,104,104	0
85	MG	6	2028	1/1	0.73	0.31	85,85,85,85	0
85	MG	1	3498	1/1	0.73	0.34	23,23,23,23	0
85	MG	2	1928	1/1	0.73	0.38	69,69,69,69	0
86	OHX	6	2182	7/7	0.73	0.25	131,131,131,131	0
86	OHX	2	2159	7/7	0.73	0.20	146,146,146,146	0
86	OHX	2	2162	7/7	0.73	0.17	171,171,171,171	0
85	MG	5	3741	1/1	0.73	0.23	36,36,36,36	0
85	MG	6	1990	1/1	0.73	0.37	77,77,77,77	0
85	MG	6	1926	1/1	0.73	0.40	39,39,39,39	0
85	MG	s1	301	1/1	0.73	0.21	62,62,62,62	0
86	OHX	1	4188	7/7	0.73	0.23	148,148,148,148	0
85	MG	6	1929	1/1	0.73	0.35	50,50,50,50	0
85	MG	1	3635	1/1	0.73	0.29	72,72,72,72	0
85	MG	2	2010	1/1	0.73	0.16	60,60,60,60	0
86	OHX	14	403	7/7	0.73	0.16	168,168,168,168	0
86	OHX	14	404	7/7	0.73	0.18	164,164,164,164	0
85	MG	6	1991	1/1	0.74	0.11	51,51,51,51	0
86	OHX	1	4204	7/7	0.74	0.25	127,127,127,127	0
85	MG	2	1940	1/1	0.74	0.24	52,52,52,52	0
85	MG	5	3731	1/1	0.74	0.36	70,70,70,70	0
86	OHX	5	4197	7/7	0.74	0.19	155,155,155,155	0
85	MG	5	3739	1/1	0.74	0.30	26,26,26,26	0
86	OHX	6	2134	7/7	0.74	0.21	143,143,143,143	0
86	OHX	1	4158	7/7	0.74	0.18	159,159,159,159	0
85	MG	1	3665	1/1	0.74	0.45	68,68,68,68	0
85	MG	2	1983	1/1	0.74	0.19	55,55,55,55	0
86	OHX	5	4234	7/7	0.74	0.19	181,181,181,181	0
86	OHX	5	4238	7/7	0.74	0.22	139,139,139,139	0
86	OHX	6	2186	7/7	0.74	0.21	143,143,143,143	0
85	MG	2	1969	1/1	0.74	0.30	56,56,56,56	0
86	OHX	6	2191	7/7	0.75	0.16	183,183,183,183	0
85	MG	5	3816	1/1	0.75	0.29	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	2005	1/1	0.75	0.37	68,68,68,68	0
86	OHX	1	4193	7/7	0.75	0.21	135,135,135,135	0
85	MG	6	1983	1/1	0.75	0.23	68,68,68,68	0
86	OHX	5	4190	7/7	0.75	0.19	152,152,152,152	0
85	MG	1	3699	1/1	0.75	0.27	31,31,31,31	0
85	MG	5	3671	1/1	0.75	0.26	58,58,58,58	0
85	MG	5	3768	1/1	0.75	0.13	61,61,61,61	0
85	MG	2	2018	1/1	0.75	0.36	55,55,55,55	0
85	MG	5	3699	1/1	0.75	0.18	53,53,53,53	0
86	OHX	1	4136	7/7	0.75	0.21	135,135,135,135	0
85	MG	6	2044	1/1	0.75	0.37	81,81,81,81	0
86	OHX	5	4235	7/7	0.75	0.12	241,241,241,241	0
85	MG	2	1924	1/1	0.75	0.51	72,72,72,72	0
85	MG	5	3806	1/1	0.75	0.17	79,79,79,79	0
86	OHX	1	4170	7/7	0.75	0.27	134,134,134,134	0
86	OHX	m1	203	7/7	0.75	0.18	147,147,147,147	0
86	OHX	6	2202	7/7	0.76	0.18	162,162,162,162	0
85	MG	M1	201	1/1	0.76	0.20	61,61,61,61	0
85	MG	6	1939	1/1	0.76	0.47	63,63,63,63	0
86	OHX	2	2176	7/7	0.76	0.16	175,175,175,175	0
86	OHX	1	4210	7/7	0.76	0.24	137,137,137,137	0
86	OHX	2	2178	7/7	0.76	0.18	160,160,160,160	0
86	OHX	S6	301	7/7	0.76	0.19	150,150,150,150	0
86	OHX	1	4109	7/7	0.76	0.19	147,147,147,147	0
85	MG	2	1931	1/1	0.76	0.48	45,45,45,45	0
86	OHX	1	4139	7/7	0.76	0.23	134,134,134,134	0
85	MG	2	1970	1/1	0.76	0.34	74,74,74,74	0
85	MG	6	1954	1/1	0.76	0.29	46,46,46,46	0
86	OHX	6	2184	7/7	0.76	0.20	141,141,141,141	0
85	MG	o4	201	1/1	0.76	0.40	45,45,45,45	0
86	OHX	5	4241	7/7	0.76	0.21	142,142,142,142	0
86	OHX	2	2153	7/7	0.76	0.17	174,174,174,174	0
85	MG	5	3798	1/1	0.76	0.17	51,51,51,51	0
85	MG	2	1967	1/1	0.76	0.26	73,73,73,73	0
85	MG	2	1936	1/1	0.77	0.37	43,43,43,43	0
86	OHX	2	2160	7/7	0.77	0.23	130,130,130,130	0
85	MG	5	3701	1/1	0.77	0.10	36,36,36,36	0
86	OHX	s9	201	7/7	0.77	0.26	132,132,132,132	0
86	OHX	d4	202	7/7	0.77	0.14	182,182,182,182	0
86	OHX	d9	102	7/7	0.77	0.17	184,184,184,184	0
86	OHX	5	4154	7/7	0.77	0.20	147,147,147,147	0
85	MG	6	2002	1/1	0.77	0.32	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	OHX	2	2175	7/7	0.77	0.15	180,180,180,180	0
85	MG	2	1937	1/1	0.77	0.38	48,48,48,48	0
86	OHX	2	2177	7/7	0.77	0.23	147,147,147,147	0
85	MG	1	3408	1/1	0.77	0.29	34,34,34,34	0
85	MG	6	2026	1/1	0.77	0.22	56,56,56,56	0
86	OHX	5	4224	7/7	0.77	0.19	155,155,155,155	0
85	MG	1	3493	1/1	0.77	0.44	67,67,67,67	0
86	OHX	1	4125	7/7	0.77	0.17	154,154,154,154	0
86	OHX	1	4132	7/7	0.77	0.21	120,120,120,120	0
85	MG	5	3503	1/1	0.77	0.30	32,32,32,32	0
86	OHX	6	2181	7/7	0.77	0.20	148,148,148,148	0
85	MG	8	204	1/1	0.77	0.28	44,44,44,44	0
86	OHX	5	4239	7/7	0.77	0.20	168,168,168,168	0
85	MG	2	1945	1/1	0.77	0.18	69,69,69,69	0
85	MG	2	1980	1/1	0.77	0.34	69,69,69,69	0
85	MG	S8	301	1/1	0.77	0.24	47,47,47,47	0
86	OHX	1	4168	7/7	0.77	0.17	161,161,161,161	0
86	OHX	m4	201	7/7	0.77	0.12	209,209,209,209	0
85	MG	1	3780	1/1	0.78	0.31	36,36,36,36	0
85	MG	6	1902	1/1	0.78	0.36	39,39,39,39	0
86	OHX	5	3946	7/7	0.78	0.49	102,102,102,102	0
85	MG	2	1946	1/1	0.78	0.29	80,80,80,80	0
85	MG	1	3583	1/1	0.78	0.36	42,42,42,42	0
85	MG	5	3705	1/1	0.78	0.20	43,43,43,43	0
85	MG	1	3454	1/1	0.78	0.39	47,47,47,47	0
86	OHX	M9	202	7/7	0.78	0.15	168,168,168,168	0
85	MG	2	1910	1/1	0.78	0.40	42,42,42,42	0
86	OHX	5	4218	7/7	0.78	0.20	147,147,147,147	0
85	MG	1	3607	1/1	0.78	0.43	49,49,49,49	0
85	MG	5	3736	1/1	0.78	0.24	25,25,25,25	0
85	MG	1	3625	1/1	0.78	0.27	24,24,24,24	0
85	MG	1	3706	1/1	0.78	0.25	62,62,62,62	0
85	MG	5	3748	1/1	0.78	0.12	49,49,49,49	0
86	OHX	5	4233	7/7	0.78	0.18	147,147,147,147	0
85	MG	6	1925	1/1	0.78	0.42	32,32,32,32	0
85	MG	5	3587	1/1	0.78	0.35	46,46,46,46	0
86	OHX	6	2188	7/7	0.78	0.18	150,150,150,150	0
86	OHX	1	4169	7/7	0.78	0.20	168,168,168,168	0
85	MG	2	1930	1/1	0.78	0.32	53,53,53,53	0
86	OHX	5	4243	7/7	0.78	0.22	148,148,148,148	0
86	OHX	5	4245	7/7	0.78	0.16	168,168,168,168	0
85	MG	5	3773	1/1	0.78	0.20	73,73,73,73	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4186	7/7	0.78	0.19	137,137,137,137	0
85	MG	5	3777	1/1	0.78	0.25	77,77,77,77	0
86	OHX	1	4192	7/7	0.78	0.20	128,128,128,128	0
86	OHX	6	2139	7/7	0.79	0.13	191,191,191,191	0
86	OHX	6	2150	7/7	0.79	0.17	157,157,157,157	0
86	OHX	1	4177	7/7	0.79	0.09	252,252,252,252	0
86	OHX	5	4211	7/7	0.79	0.17	144,144,144,144	0
86	OHX	1	4061	7/7	0.79	0.22	131,131,131,131	0
85	MG	1	3420	1/1	0.79	0.35	71,71,71,71	0
85	MG	1	3754	1/1	0.79	0.21	74,74,74,74	0
85	MG	5	3744	1/1	0.79	0.31	28,28,28,28	0
85	MG	5	3655	1/1	0.79	0.16	27,27,27,27	0
85	MG	2	1908	1/1	0.79	0.27	64,64,64,64	0
86	OHX	1	4197	7/7	0.79	0.24	121,121,121,121	0
85	MG	8	208	1/1	0.79	0.23	57,57,57,57	0
85	MG	o1	201	1/1	0.79	0.23	86,86,86,86	0
86	OHX	4	236	7/7	0.79	0.20	141,141,141,141	0
86	OHX	1	4163	7/7	0.79	0.20	127,127,127,127	0
85	MG	1	3802	1/1	0.79	0.20	48,48,48,48	0
86	OHX	M7	205	7/7	0.79	0.20	138,138,138,138	0
86	OHX	2	2099	7/7	0.79	0.20	150,150,150,150	0
85	MG	2	1956	1/1	0.79	0.38	70,70,70,70	0
86	OHX	5	4147	7/7	0.79	0.43	117,117,117,117	0
86	OHX	6	2131	7/7	0.79	0.21	162,162,162,162	0
86	OHX	S8	302	7/7	0.79	0.15	172,172,172,172	0
86	OHX	5	4175	7/7	0.79	0.18	137,137,137,137	0
86	OHX	2	2145	7/7	0.80	0.18	141,141,141,141	0
86	OHX	1	4184	7/7	0.80	0.19	149,149,149,149	0
85	MG	1	3402	1/1	0.80	0.32	60,60,60,60	0
85	MG	2	1991	1/1	0.80	0.34	52,52,52,52	0
85	MG	1	3648	1/1	0.80	0.20	61,61,61,61	0
86	OHX	1	4190	7/7	0.80	0.16	140,140,140,140	0
86	OHX	5	4145	7/7	0.80	0.18	150,150,150,150	0
85	MG	1	3834	1/1	0.80	0.43	30,30,30,30	0
85	MG	6	2204	1/1	0.80	0.19	69,69,69,69	0
85	MG	2	1958	1/1	0.80	0.24	51,51,51,51	0
86	OHX	5	4173	7/7	0.80	0.17	143,143,143,143	0
85	MG	c7	201	1/1	0.80	0.26	72,72,72,72	0
86	OHX	1	4201	7/7	0.80	0.23	120,120,120,120	0
85	MG	2	1926	1/1	0.80	0.45	79,79,79,79	0
85	MG	3	206	1/1	0.80	0.35	26,26,26,26	0
86	OHX	5	4200	7/7	0.80	0.21	134,134,134,134	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3687	1/1	0.80	0.29	35,35,35,35	0
85	MG	1	3432	1/1	0.80	0.30	30,30,30,30	0
85	MG	2	2000	1/1	0.80	0.27	56,56,56,56	0
85	MG	1	3704	1/1	0.80	0.35	55,55,55,55	0
85	MG	5	3801	1/1	0.80	0.24	89,89,89,89	0
85	MG	6	2011	1/1	0.80	0.23	42,42,42,42	0
85	MG	1	3474	1/1	0.80	0.36	65,65,65,65	0
85	MG	5	3687	1/1	0.80	0.21	45,45,45,45	0
85	MG	6	2017	1/1	0.80	0.14	38,38,38,38	0
85	MG	6	2023	1/1	0.80	0.16	55,55,55,55	0
86	OHX	1	4143	7/7	0.80	0.16	156,156,156,156	0
86	OHX	1	4145	7/7	0.80	0.20	135,135,135,135	0
85	MG	1	3624	1/1	0.80	0.26	51,51,51,51	0
85	MG	6	1953	1/1	0.80	0.38	50,50,50,50	0
85	MG	1	3478	1/1	0.80	0.22	80,80,80,80	0
85	MG	6	2033	1/1	0.80	0.25	70,70,70,70	0
85	MG	1	3489	1/1	0.80	0.19	24,24,24,24	0
86	OHX	2	2134	7/7	0.80	0.19	138,138,138,138	0
86	OHX	1	4174	7/7	0.80	0.18	138,138,138,138	0
86	OHX	1	4176	7/7	0.80	0.21	139,139,139,139	0
87	ZN	D7	101	1/1	0.80	0.16	159,159,159,159	0
87	ZN	e1	501	1/1	0.80	0.10	199,199,199,199	0
86	OHX	5	4172	7/7	0.81	0.53	108,108,108,108	0
85	MG	5	3590	1/1	0.81	0.23	37,37,37,37	0
86	OHX	1	4077	7/7	0.81	0.23	123,123,123,123	0
86	OHX	1	4178	7/7	0.81	0.21	134,134,134,134	0
86	OHX	1	4093	7/7	0.81	0.15	146,146,146,146	0
86	OHX	6	2165	7/7	0.81	0.13	194,194,194,194	0
86	OHX	5	4199	7/7	0.81	0.22	145,145,145,145	0
86	OHX	1	4098	7/7	0.81	0.16	160,160,160,160	0
86	OHX	6	2171	7/7	0.81	0.21	146,146,146,146	0
86	OHX	5	4212	7/7	0.81	0.23	121,121,121,121	0
86	OHX	6	2176	7/7	0.81	0.18	141,141,141,141	0
86	OHX	5	4216	7/7	0.81	0.16	144,144,144,144	0
86	OHX	2	2135	7/7	0.81	0.19	135,135,135,135	0
86	OHX	5	4219	7/7	0.81	0.17	143,143,143,143	0
86	OHX	5	4220	7/7	0.81	0.18	136,136,136,136	0
86	OHX	2	2137	7/7	0.81	0.15	158,158,158,158	0
86	OHX	1	4127	7/7	0.81	0.15	159,159,159,159	0
85	MG	5	3418	1/1	0.81	0.32	15,15,15,15	0
85	MG	5	3420	1/1	0.81	0.26	86,86,86,86	0
85	MG	1	3443	1/1	0.81	0.14	74,74,74,74	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3454	1/1	0.81	0.26	80,80,80,80	0
85	MG	5	3679	1/1	0.81	0.32	69,69,69,69	0
85	MG	1	3725	1/1	0.81	0.20	51,51,51,51	0
85	MG	5	3468	1/1	0.81	0.20	97,97,97,97	0
86	OHX	1	4159	7/7	0.81	0.16	152,152,152,152	0
85	MG	5	3479	1/1	0.81	0.34	53,53,53,53	0
85	MG	6	1986	1/1	0.81	0.24	59,59,59,59	0
85	MG	5	3706	1/1	0.81	0.29	77,77,77,77	0
86	OHX	7	226	7/7	0.81	0.18	161,161,161,161	0
86	OHX	7	228	7/7	0.81	0.17	133,133,133,133	0
86	OHX	5	4048	7/7	0.81	0.39	117,117,117,117	0
86	OHX	5	4090	7/7	0.81	0.17	157,157,157,157	0
85	MG	5	3522	1/1	0.81	0.34	21,21,21,21	0
85	MG	1	3452	1/1	0.81	0.20	32,32,32,32	0
86	OHX	6	2115	7/7	0.81	0.20	143,143,143,143	0
86	OHX	2	2115	7/7	0.81	0.17	152,152,152,152	0
86	OHX	5	4180	7/7	0.82	0.21	131,131,131,131	0
86	OHX	2	2146	7/7	0.82	0.20	142,142,142,142	0
85	MG	2	2009	1/1	0.82	0.32	53,53,53,53	0
86	OHX	6	2167	7/7	0.82	0.16	161,161,161,161	0
85	MG	5	3841	1/1	0.82	0.13	43,43,43,43	0
86	OHX	1	4128	7/7	0.82	0.18	149,149,149,149	0
86	OHX	5	4203	7/7	0.82	0.18	154,154,154,154	0
86	OHX	5	4206	7/7	0.82	0.19	139,139,139,139	0
85	MG	5	3411	1/1	0.82	0.33	30,30,30,30	0
85	MG	1	3556	1/1	0.82	0.18	42,42,42,42	0
86	OHX	2	2161	7/7	0.82	0.18	167,167,167,167	0
86	OHX	6	2183	7/7	0.82	0.12	188,188,188,188	0
86	OHX	5	4217	7/7	0.82	0.42	118,118,118,118	0
85	MG	6	1935	1/1	0.82	0.31	48,48,48,48	0
86	OHX	2	2163	7/7	0.82	0.21	131,131,131,131	0
86	OHX	1	4199	7/7	0.82	0.22	135,135,135,135	0
86	OHX	2	2167	7/7	0.82	0.21	126,126,126,126	0
86	OHX	1	4148	7/7	0.82	0.15	151,151,151,151	0
86	OHX	5	4225	7/7	0.82	0.24	136,136,136,136	0
86	OHX	1	4207	7/7	0.82	0.24	129,129,129,129	0
85	MG	1	3789	1/1	0.82	0.23	77,77,77,77	0
86	OHX	3	224	7/7	0.82	0.17	171,171,171,171	0
85	MG	2	1976	1/1	0.82	0.35	78,78,78,78	0
85	MG	6	1946	1/1	0.82	0.52	56,56,56,56	0
86	OHX	L3	405	7/7	0.82	0.15	154,154,154,154	0
86	OHX	5	4237	7/7	0.82	0.17	162,162,162,162	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	4	212	1/1	0.82	0.19	42,42,42,42	0
85	MG	6	1997	1/1	0.82	0.27	51,51,51,51	0
85	MG	2	2012	1/1	0.82	0.36	69,69,69,69	0
86	OHX	5	4093	7/7	0.82	0.20	134,134,134,134	0
86	OHX	5	4131	7/7	0.82	0.17	122,122,122,122	0
86	OHX	5	4132	7/7	0.82	0.25	137,137,137,137	0
85	MG	2	2015	1/1	0.82	0.31	49,49,49,49	0
85	MG	1	3500	1/1	0.82	0.35	53,53,53,53	0
85	MG	N8	201	1/1	0.82	0.12	20,20,20,20	0
86	OHX	2	2139	7/7	0.82	0.18	179,179,179,179	0
85	MG	1	3502	1/1	0.82	0.41	38,38,38,38	0
86	OHX	6	2148	7/7	0.82	0.17	154,154,154,154	0
86	OHX	1	4183	7/7	0.82	0.23	127,127,127,127	0
85	MG	5	3652	1/1	0.83	0.16	60,60,60,60	0
86	OHX	1	4198	7/7	0.83	0.19	161,161,161,161	0
86	OHX	1	4119	7/7	0.83	0.17	144,144,144,144	0
85	MG	1	3573	1/1	0.83	0.33	27,27,27,27	0
85	MG	6	1917	1/1	0.83	0.32	48,48,48,48	0
86	OHX	5	4133	7/7	0.83	0.16	139,139,139,139	0
85	MG	1	3637	1/1	0.83	0.31	50,50,50,50	0
86	OHX	1	4208	7/7	0.83	0.26	126,126,126,126	0
85	MG	2	1917	1/1	0.83	0.38	40,40,40,40	0
86	OHX	1	4211	7/7	0.83	0.19	157,157,157,157	0
86	OHX	5	4165	7/7	0.83	0.15	160,160,160,160	0
86	OHX	1	4135	7/7	0.83	0.19	124,124,124,124	0
85	MG	5	3684	1/1	0.83	0.19	68,68,68,68	0
86	OHX	4	240	7/7	0.83	0.19	128,128,128,128	0
86	OHX	2	2149	7/7	0.83	0.14	166,166,166,166	0
86	OHX	5	4181	7/7	0.83	0.48	114,114,114,114	0
86	OHX	2	2150	7/7	0.83	0.16	160,160,160,160	0
86	OHX	5	4189	7/7	0.83	0.22	129,129,129,129	0
86	OHX	1	4141	7/7	0.83	0.14	141,141,141,141	0
86	OHX	2	2151	7/7	0.83	0.13	193,193,193,193	0
85	MG	2	1913	1/1	0.83	0.38	65,65,65,65	0
86	OHX	1	4146	7/7	0.83	0.16	141,141,141,141	0
86	OHX	5	4201	7/7	0.83	0.16	151,151,151,151	0
85	MG	1	3499	1/1	0.83	0.35	56,56,56,56	0
86	OHX	6	2124	7/7	0.83	0.41	110,110,110,110	0
86	OHX	1	4151	7/7	0.83	0.18	140,140,140,140	0
86	OHX	1	4156	7/7	0.83	0.16	145,145,145,145	0
86	OHX	5	4214	7/7	0.83	0.19	139,139,139,139	0
86	OHX	2	2158	7/7	0.83	0.11	260,260,260,260	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3423	1/1	0.83	0.24	51,51,51,51	0
86	OHX	1	4162	7/7	0.83	0.15	159,159,159,159	0
85	MG	2	1932	1/1	0.83	0.29	56,56,56,56	0
86	OHX	6	2158	7/7	0.83	0.20	128,128,128,128	0
85	MG	6	1968	1/1	0.83	0.30	62,62,62,62	0
86	OHX	5	4221	7/7	0.83	0.15	156,156,156,156	0
85	MG	5	3716	1/1	0.83	0.35	53,53,53,53	0
85	MG	1	3411	1/1	0.83	0.29	38,38,38,38	0
85	MG	5	3869	1/1	0.83	0.19	34,34,34,34	0
86	OHX	1	4172	7/7	0.83	0.14	165,165,165,165	0
86	OHX	6	2178	7/7	0.83	0.21	131,131,131,131	0
85	MG	2	1929	1/1	0.83	0.42	60,60,60,60	0
86	OHX	5	4232	7/7	0.83	0.16	143,143,143,143	0
85	MG	5	3880	1/1	0.83	0.34	56,56,56,56	0
85	MG	7	215	1/1	0.83	0.16	36,36,36,36	0
85	MG	2	1959	1/1	0.83	0.32	48,48,48,48	0
86	OHX	6	2185	7/7	0.83	0.17	148,148,148,148	0
86	OHX	1	4181	7/7	0.83	0.19	138,138,138,138	0
85	MG	1	3836	1/1	0.83	0.18	28,28,28,28	0
85	MG	5	3513	1/1	0.83	0.30	55,55,55,55	0
85	MG	6	1989	1/1	0.83	0.28	60,60,60,60	0
86	OHX	6	2192	7/7	0.83	0.13	200,200,200,200	0
86	OHX	1	4060	7/7	0.83	0.23	121,121,121,121	0
85	MG	1	3851	1/1	0.83	0.31	62,62,62,62	0
86	OHX	8	230	7/7	0.83	0.20	124,124,124,124	0
86	OHX	2	2090	7/7	0.83	0.15	168,168,168,168	0
86	OHX	s8	303	7/7	0.83	0.13	171,171,171,171	0
86	OHX	1	4092	7/7	0.83	0.20	126,126,126,126	0
85	MG	1	3562	1/1	0.83	0.32	36,36,36,36	0
86	OHX	o7	503	7/7	0.83	0.22	123,123,123,123	0
85	MG	1	3860	1/1	0.83	0.39	49,49,49,49	0
86	OHX	1	4195	7/7	0.83	0.21	125,125,125,125	0
85	MG	2	1944	1/1	0.84	0.25	56,56,56,56	0
86	OHX	6	2142	7/7	0.84	0.17	129,129,129,129	0
85	MG	1	3528	1/1	0.84	0.36	33,33,33,33	0
86	OHX	2	2111	7/7	0.84	0.14	159,159,159,159	0
85	MG	1	3598	1/1	0.84	0.28	30,30,30,30	0
86	OHX	1	4095	7/7	0.84	0.15	155,155,155,155	0
86	OHX	2	2129	7/7	0.84	0.13	204,204,204,204	0
85	MG	6	1978	1/1	0.84	0.19	69,69,69,69	0
85	MG	5	3613	1/1	0.84	0.22	42,42,42,42	0
85	MG	6	2036	1/1	0.84	0.23	42,42,42,42	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2172	7/7	0.84	0.21	125,125,125,125	0
85	MG	6	1979	1/1	0.84	0.29	61,61,61,61	0
86	OHX	2	2141	7/7	0.84	0.14	176,176,176,176	0
86	OHX	2	2144	7/7	0.84	0.12	174,174,174,174	0
85	MG	2	1923	1/1	0.84	0.29	47,47,47,47	0
85	MG	5	3790	1/1	0.84	0.10	38,38,38,38	0
85	MG	1	3548	1/1	0.84	0.16	30,30,30,30	0
86	OHX	5	4213	7/7	0.84	0.12	179,179,179,179	0
85	MG	1	3549	1/1	0.84	0.11	26,26,26,26	0
86	OHX	1	4200	7/7	0.84	0.22	135,135,135,135	0
85	MG	1	3837	1/1	0.84	0.25	38,38,38,38	0
86	OHX	1	4202	7/7	0.84	0.18	136,136,136,136	0
85	MG	2	1909	1/1	0.84	0.41	54,54,54,54	0
86	OHX	1	4144	7/7	0.84	0.18	148,148,148,148	0
85	MG	6	1943	1/1	0.84	0.35	30,30,30,30	0
86	OHX	1	4209	7/7	0.84	0.14	160,160,160,160	0
85	MG	2	1997	1/1	0.84	0.29	60,60,60,60	0
86	OHX	5	4223	7/7	0.84	0.11	187,187,187,187	0
85	MG	2	1987	1/1	0.84	0.46	47,47,47,47	0
85	MG	6	1916	1/1	0.84	0.43	51,51,51,51	0
86	OHX	c3	201	7/7	0.84	0.13	158,158,158,158	0
85	MG	1	3580	1/1	0.84	0.25	32,32,32,32	0
86	OHX	4	237	7/7	0.84	0.17	137,137,137,137	0
85	MG	5	3871	1/1	0.84	0.31	16,16,16,16	0
85	MG	5	3714	1/1	0.84	0.35	47,47,47,47	0
86	OHX	5	4055	7/7	0.84	0.22	120,120,120,120	0
85	MG	6	1960	1/1	0.84	0.30	40,40,40,40	0
86	OHX	5	4091	7/7	0.84	0.20	120,120,120,120	0
85	MG	7	211	1/1	0.84	0.19	74,74,74,74	0
85	MG	1	3757	1/1	0.84	0.20	25,25,25,25	0
86	OHX	5	4240	7/7	0.84	0.19	142,142,142,142	0
85	MG	6	1963	1/1	0.84	0.17	107,107,107,107	0
86	OHX	5	4242	7/7	0.84	0.18	127,127,127,127	0
85	MG	6	2022	1/1	0.84	0.25	46,46,46,46	0
86	OHX	5	4244	7/7	0.84	0.16	149,149,149,149	0
86	OHX	5	4135	7/7	0.84	0.19	127,127,127,127	0
85	MG	5	3475	1/1	0.84	0.22	76,76,76,76	0
86	OHX	5	4146	7/7	0.84	0.44	117,117,117,117	0
86	OHX	8	229	7/7	0.84	0.20	131,131,131,131	0
85	MG	n9	101	1/1	0.84	0.08	21,21,21,21	0
86	OHX	8	231	7/7	0.84	0.19	132,132,132,132	0
86	OHX	5	4149	7/7	0.84	0.18	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	OHX	5	4151	7/7	0.84	0.20	126,126,126,126	0
86	OHX	l5	303	7/7	0.84	0.16	145,145,145,145	0
86	OHX	5	4153	7/7	0.84	0.20	126,126,126,126	0
85	MG	1	3764	1/1	0.84	0.10	39,39,39,39	0
86	OHX	m7	206	7/7	0.84	0.19	127,127,127,127	0
86	OHX	m8	201	7/7	0.84	0.22	128,128,128,128	0
85	MG	2	1948	1/1	0.84	0.32	44,44,44,44	0
86	OHX	5	4161	7/7	0.84	0.20	134,134,134,134	0
87	ZN	d7	101	1/1	0.84	0.16	155,155,155,155	0
86	OHX	5	4164	7/7	0.84	0.12	190,190,190,190	0
85	MG	6	2020	1/1	0.85	0.20	76,76,76,76	0
85	MG	6	2021	1/1	0.85	0.38	60,60,60,60	0
85	MG	1	3734	1/1	0.85	0.25	53,53,53,53	0
86	OHX	5	4163	7/7	0.85	0.19	137,137,137,137	0
85	MG	5	3484	1/1	0.85	0.24	61,61,61,61	0
85	MG	5	3496	1/1	0.85	0.16	24,24,24,24	0
86	OHX	5	4171	7/7	0.85	0.17	137,137,137,137	0
85	MG	4	224	1/1	0.85	0.32	52,52,52,52	0
86	OHX	2	2142	7/7	0.85	0.17	145,145,145,145	0
85	MG	1	3681	1/1	0.85	0.12	35,35,35,35	0
85	MG	6	1970	1/1	0.85	0.25	57,57,57,57	0
85	MG	1	3582	1/1	0.85	0.33	30,30,30,30	0
85	MG	6	2030	1/1	0.85	0.09	50,50,50,50	0
86	OHX	5	4183	7/7	0.85	0.19	127,127,127,127	0
85	MG	5	3596	1/1	0.85	0.37	23,23,23,23	0
86	OHX	6	2146	7/7	0.85	0.18	128,128,128,128	0
85	MG	1	3850	1/1	0.85	0.11	54,54,54,54	0
86	OHX	6	2149	7/7	0.85	0.24	119,119,119,119	0
85	MG	5	3795	1/1	0.85	0.17	63,63,63,63	0
85	MG	5	3622	1/1	0.85	0.28	33,33,33,33	0
85	MG	1	3539	1/1	0.85	0.28	11,11,11,11	0
86	OHX	5	4205	7/7	0.85	0.17	138,138,138,138	0
86	OHX	6	2163	7/7	0.85	0.17	143,143,143,143	0
85	MG	5	3634	1/1	0.85	0.26	38,38,38,38	0
86	OHX	1	4165	7/7	0.85	0.34	109,109,109,109	0
85	MG	5	3803	1/1	0.85	0.20	62,62,62,62	0
85	MG	5	3649	1/1	0.85	0.40	66,66,66,66	0
85	MG	5	3814	1/1	0.85	0.11	50,50,50,50	0
85	MG	2	1960	1/1	0.85	0.46	58,58,58,58	0
86	OHX	6	2177	7/7	0.85	0.15	145,145,145,145	0
85	MG	1	3504	1/1	0.85	0.30	27,27,27,27	0
86	OHX	2	2168	7/7	0.85	0.18	148,148,148,148	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2169	7/7	0.85	0.18	142,142,142,142	0
86	OHX	2	2171	7/7	0.85	0.18	142,142,142,142	0
86	OHX	1	4179	7/7	0.85	0.18	130,130,130,130	0
85	MG	5	3661	1/1	0.85	0.47	56,56,56,56	0
85	MG	6	1941	1/1	0.85	0.29	38,38,38,38	0
85	MG	1	3861	1/1	0.85	0.31	55,55,55,55	0
86	OHX	5	4226	7/7	0.85	0.14	169,169,169,169	0
85	MG	6	2043	1/1	0.85	0.39	70,70,70,70	0
85	MG	5	3683	1/1	0.85	0.45	53,53,53,53	0
86	OHX	5	4230	7/7	0.85	0.21	125,125,125,125	0
85	MG	5	3881	1/1	0.85	0.29	50,50,50,50	0
86	OHX	6	2193	7/7	0.85	0.15	157,157,157,157	0
85	MG	6	1944	1/1	0.85	0.30	53,53,53,53	0
86	OHX	1	4026	7/7	0.85	0.37	115,115,115,115	0
86	OHX	1	4047	7/7	0.85	0.22	122,122,122,122	0
85	MG	1	3419	1/1	0.85	0.26	85,85,85,85	0
85	MG	1	3672	1/1	0.85	0.26	38,38,38,38	0
85	MG	3	207	1/1	0.85	0.32	48,48,48,48	0
86	OHX	c5	201	7/7	0.85	0.13	171,171,171,171	0
85	MG	6	1999	1/1	0.85	0.15	41,41,41,41	0
85	MG	8	212	1/1	0.85	0.22	33,33,33,33	0
85	MG	1	3814	1/1	0.85	0.13	37,37,37,37	0
86	OHX	5	4020	7/7	0.85	0.36	110,110,110,110	0
85	MG	3	214	1/1	0.85	0.22	56,56,56,56	0
86	OHX	1	4102	7/7	0.85	0.21	125,125,125,125	0
86	OHX	5	4069	7/7	0.85	0.21	122,122,122,122	0
86	OHX	1	4203	7/7	0.85	0.18	143,143,143,143	0
86	OHX	1	4107	7/7	0.85	0.16	135,135,135,135	0
85	MG	6	1922	1/1	0.85	0.40	47,47,47,47	0
86	OHX	1	4110	7/7	0.85	0.44	113,113,113,113	0
86	OHX	1	4111	7/7	0.85	0.13	176,176,176,176	0
86	OHX	1	4116	7/7	0.85	0.18	129,129,129,129	0
86	OHX	5	4134	7/7	0.85	0.19	121,121,121,121	0
85	MG	o4	202	1/1	0.85	0.28	54,54,54,54	0
85	MG	1	3675	1/1	0.85	0.18	56,56,56,56	0
86	OHX	3	225	7/7	0.85	0.20	132,132,132,132	0
86	OHX	4	235	7/7	0.85	0.21	118,118,118,118	0
85	MG	6	2014	1/1	0.85	0.18	41,41,41,41	0
85	MG	5	3464	1/1	0.85	0.24	46,46,46,46	0
85	MG	4	206	1/1	0.85	0.21	35,35,35,35	0
86	OHX	5	4130	7/7	0.86	0.21	128,128,128,128	0
85	MG	5	3492	1/1	0.86	0.36	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	1905	1/1	0.86	0.36	45,45,45,45	0
85	MG	5	3735	1/1	0.86	0.34	56,56,56,56	0
86	OHX	2	2102	7/7	0.86	0.15	142,142,142,142	0
86	OHX	1	4106	7/7	0.86	0.18	119,119,119,119	0
86	OHX	5	4142	7/7	0.86	0.17	132,132,132,132	0
85	MG	5	3501	1/1	0.86	0.26	18,18,18,18	0
86	OHX	3	223	7/7	0.86	0.23	117,117,117,117	0
85	MG	1	3750	1/1	0.86	0.16	38,38,38,38	0
86	OHX	2	2117	7/7	0.86	0.14	151,151,151,151	0
86	OHX	2	2119	7/7	0.86	0.17	137,137,137,137	0
86	OHX	2	2121	7/7	0.86	0.16	139,139,139,139	0
86	OHX	1	4117	7/7	0.86	0.41	118,118,118,118	0
86	OHX	5	4158	7/7	0.86	0.17	132,132,132,132	0
85	MG	5	3509	1/1	0.86	0.29	26,26,26,26	0
86	OHX	1	4123	7/7	0.86	0.38	117,117,117,117	0
86	OHX	5	4162	7/7	0.86	0.14	147,147,147,147	0
85	MG	2	1974	1/1	0.86	0.32	47,47,47,47	0
85	MG	5	3515	1/1	0.86	0.28	28,28,28,28	0
85	MG	2	1906	1/1	0.86	0.26	45,45,45,45	0
85	MG	5	3544	1/1	0.86	0.45	44,44,44,44	0
85	MG	5	3569	1/1	0.86	0.32	20,20,20,20	0
85	MG	5	3573	1/1	0.86	0.50	27,27,27,27	0
85	MG	2	1907	1/1	0.86	0.42	45,45,45,45	0
86	OHX	6	2126	7/7	0.86	0.16	164,164,164,164	0
85	MG	6	1952	1/1	0.86	0.30	54,54,54,54	0
85	MG	1	3602	1/1	0.86	0.23	26,26,26,26	0
86	OHX	6	2136	7/7	0.86	0.17	121,121,121,121	0
86	OHX	5	4185	7/7	0.86	0.18	119,119,119,119	0
86	OHX	6	2138	7/7	0.86	0.19	131,131,131,131	0
86	OHX	2	2147	7/7	0.86	0.13	166,166,166,166	0
86	OHX	5	4196	7/7	0.86	0.15	137,137,137,137	0
85	MG	2	1985	1/1	0.86	0.34	64,64,64,64	0
86	OHX	5	4198	7/7	0.86	0.17	130,130,130,130	0
85	MG	5	3619	1/1	0.86	0.19	36,36,36,36	0
85	MG	1	3479	1/1	0.86	0.21	64,64,64,64	0
86	OHX	2	2152	7/7	0.86	0.17	143,143,143,143	0
85	MG	1	3697	1/1	0.86	0.15	53,53,53,53	0
86	OHX	2	2154	7/7	0.86	0.15	144,144,144,144	0
86	OHX	1	4157	7/7	0.86	0.19	125,125,125,125	0
86	OHX	6	2162	7/7	0.86	0.12	197,197,197,197	0
85	MG	1	3570	1/1	0.86	0.45	32,32,32,32	0
85	MG	s6	301	1/1	0.86	0.27	70,70,70,70	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2166	7/7	0.86	0.34	119,119,119,119	0
86	OHX	1	4160	7/7	0.86	0.19	133,133,133,133	0
85	MG	1	3515	1/1	0.86	0.39	22,22,22,22	0
85	MG	c9	201	1/1	0.86	0.22	59,59,59,59	0
85	MG	5	3403	1/1	0.86	0.28	41,41,41,41	0
86	OHX	6	2173	7/7	0.86	0.14	147,147,147,147	0
85	MG	5	3667	1/1	0.86	0.10	36,36,36,36	0
85	MG	1	3831	1/1	0.86	0.30	43,43,43,43	0
86	OHX	2	2164	7/7	0.86	0.12	175,175,175,175	0
86	OHX	6	2179	7/7	0.86	0.21	128,128,128,128	0
85	MG	1	3577	1/1	0.86	0.31	14,14,14,14	0
85	MG	6	2018	1/1	0.86	0.12	44,44,44,44	0
85	MG	6	2019	1/1	0.86	0.15	108,108,108,108	0
86	OHX	1	4175	7/7	0.86	0.45	117,117,117,117	0
86	OHX	2	2170	7/7	0.86	0.17	138,138,138,138	0
85	MG	1	3527	1/1	0.86	0.38	17,17,17,17	0
85	MG	1	3438	1/1	0.86	0.25	34,34,34,34	0
86	OHX	2	2174	7/7	0.86	0.18	139,139,139,139	0
85	MG	5	3888	1/1	0.86	0.28	46,46,46,46	0
86	OHX	1	4182	7/7	0.86	0.17	141,141,141,141	0
85	MG	7	204	1/1	0.86	0.16	75,75,75,75	0
86	OHX	6	2194	7/7	0.86	0.12	183,183,183,183	0
86	OHX	6	2195	7/7	0.86	0.17	140,140,140,140	0
86	OHX	6	2197	7/7	0.86	0.17	141,141,141,141	0
86	OHX	6	2198	7/7	0.86	0.18	150,150,150,150	0
85	MG	5	3697	1/1	0.86	0.12	53,53,53,53	0
85	MG	N5	201	1/1	0.86	0.15	39,39,39,39	0
85	MG	7	216	1/1	0.86	0.17	44,44,44,44	0
86	OHX	1	4187	7/7	0.86	0.21	124,124,124,124	0
85	MG	6	1936	1/1	0.86	0.31	74,74,74,74	0
86	OHX	C3	201	7/7	0.86	0.12	155,155,155,155	0
86	OHX	7	227	7/7	0.86	0.21	123,123,123,123	0
86	OHX	D9	102	7/7	0.86	0.16	150,150,150,150	0
86	OHX	8	227	7/7	0.86	0.17	126,126,126,126	0
86	OHX	1	4019	7/7	0.86	0.19	119,119,119,119	0
85	MG	5	3703	1/1	0.86	0.22	39,39,39,39	0
85	MG	1	3723	1/1	0.86	0.09	39,39,39,39	0
85	MG	6	1980	1/1	0.86	0.21	64,64,64,64	0
85	MG	1	3645	1/1	0.86	0.27	34,34,34,34	0
86	OHX	1	4065	7/7	0.86	0.20	132,132,132,132	0
86	OHX	m0	302	7/7	0.86	0.20	118,118,118,118	0
86	OHX	1	4068	7/7	0.86	0.17	146,146,146,146	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3480	1/1	0.86	0.23	55,55,55,55	0
86	OHX	1	4085	7/7	0.86	0.19	121,121,121,121	0
85	MG	6	2029	1/1	0.86	0.20	64,64,64,64	0
86	OHX	5	4104	7/7	0.86	0.16	138,138,138,138	0
86	OHX	5	4111	7/7	0.86	0.19	133,133,133,133	0
86	OHX	5	4113	7/7	0.86	0.18	122,122,122,122	0
86	OHX	5	4121	7/7	0.86	0.18	136,136,136,136	0
86	OHX	2	2148	7/7	0.87	0.30	114,114,114,114	0
85	MG	2	1990	1/1	0.87	0.10	44,44,44,44	0
85	MG	c8	201	1/1	0.87	0.42	71,71,71,71	0
86	OHX	6	2132	7/7	0.87	0.18	134,134,134,134	0
85	MG	6	2000	1/1	0.87	0.17	90,90,90,90	0
85	MG	1	3424	1/1	0.87	0.25	38,38,38,38	0
86	OHX	5	4156	7/7	0.87	0.39	115,115,115,115	0
85	MG	1	3460	1/1	0.87	0.32	17,17,17,17	0
85	MG	6	2010	1/1	0.87	0.31	48,48,48,48	0
86	OHX	2	2155	7/7	0.87	0.15	141,141,141,141	0
85	MG	1	3557	1/1	0.87	0.36	51,51,51,51	0
85	MG	N3	203	1/1	0.87	0.16	42,42,42,42	0
85	MG	5	3430	1/1	0.87	0.14	72,72,72,72	0
85	MG	5	3852	1/1	0.87	0.14	70,70,70,70	0
86	OHX	6	2151	7/7	0.87	0.15	137,137,137,137	0
85	MG	5	3865	1/1	0.87	0.41	44,44,44,44	0
86	OHX	6	2155	7/7	0.87	0.21	148,148,148,148	0
85	MG	5	3438	1/1	0.87	0.39	44,44,44,44	0
86	OHX	5	4176	7/7	0.87	0.15	145,145,145,145	0
86	OHX	5	4177	7/7	0.87	0.17	133,133,133,133	0
86	OHX	6	2159	7/7	0.87	0.17	123,123,123,123	0
86	OHX	6	2160	7/7	0.87	0.20	119,119,119,119	0
85	MG	1	3643	1/1	0.87	0.28	57,57,57,57	0
85	MG	5	3873	1/1	0.87	0.14	20,20,20,20	0
85	MG	5	3449	1/1	0.87	0.23	49,49,49,49	0
86	OHX	5	4186	7/7	0.87	0.35	114,114,114,114	0
85	MG	1	3707	1/1	0.87	0.13	29,29,29,29	0
85	MG	5	3463	1/1	0.87	0.13	20,20,20,20	0
85	MG	1	3708	1/1	0.87	0.18	39,39,39,39	0
85	MG	5	4252	1/1	0.87	0.28	26,26,26,26	0
85	MG	1	3595	1/1	0.87	0.35	14,14,14,14	0
86	OHX	2	2173	7/7	0.87	0.15	167,167,167,167	0
85	MG	1	3720	1/1	0.87	0.14	44,44,44,44	0
85	MG	7	213	1/1	0.87	0.11	58,58,58,58	0
85	MG	2	2006	1/1	0.87	0.52	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1910	1/1	0.87	0.36	38,38,38,38	0
86	OHX	6	2180	7/7	0.87	0.17	126,126,126,126	0
85	MG	1	3853	1/1	0.87	0.40	48,48,48,48	0
85	MG	1	3530	1/1	0.87	0.35	63,63,63,63	0
85	MG	5	3487	1/1	0.87	0.28	41,41,41,41	0
85	MG	1	3606	1/1	0.87	0.13	45,45,45,45	0
85	MG	l3	401	1/1	0.87	0.34	11,11,11,11	0
85	MG	l5	301	1/1	0.87	0.23	48,48,48,48	0
85	MG	5	3718	1/1	0.87	0.14	41,41,41,41	0
85	MG	5	3721	1/1	0.87	0.23	29,29,29,29	0
86	OHX	6	2190	7/7	0.87	0.14	159,159,159,159	0
85	MG	1	3536	1/1	0.87	0.34	40,40,40,40	0
85	MG	1	3862	1/1	0.87	0.22	54,54,54,54	0
85	MG	D0	201	1/1	0.87	0.51	65,65,65,65	0
85	MG	2	1941	1/1	0.87	0.33	62,62,62,62	0
86	OHX	1	4076	7/7	0.87	0.18	129,129,129,129	0
86	OHX	2	2100	7/7	0.87	0.14	142,142,142,142	0
86	OHX	1	4079	7/7	0.87	0.16	132,132,132,132	0
86	OHX	6	2199	7/7	0.87	0.18	134,134,134,134	0
86	OHX	1	4081	7/7	0.87	0.15	145,145,145,145	0
85	MG	1	3758	1/1	0.87	0.10	46,46,46,46	0
85	MG	3	208	1/1	0.87	0.12	33,33,33,33	0
85	MG	5	3517	1/1	0.87	0.21	28,28,28,28	0
85	MG	1	3633	1/1	0.87	0.22	38,38,38,38	0
85	MG	1	3773	1/1	0.87	0.13	54,54,54,54	0
85	MG	5	3758	1/1	0.87	0.22	72,72,72,72	0
86	OHX	1	4205	7/7	0.87	0.18	123,123,123,123	0
86	OHX	1	4105	7/7	0.87	0.15	129,129,129,129	0
86	OHX	2	2122	7/7	0.87	0.16	143,143,143,143	0
86	OHX	2	2123	7/7	0.87	0.21	131,131,131,131	0
85	MG	5	3551	1/1	0.87	0.15	35,35,35,35	0
85	MG	5	3558	1/1	0.87	0.33	21,21,21,21	0
86	OHX	3	222	7/7	0.87	0.14	138,138,138,138	0
86	OHX	5	4080	7/7	0.87	0.15	126,126,126,126	0
86	OHX	5	4082	7/7	0.87	0.46	110,110,110,110	0
85	MG	1	3689	1/1	0.87	0.18	49,49,49,49	0
86	OHX	2	2136	7/7	0.87	0.17	124,124,124,124	0
85	MG	1	3784	1/1	0.87	0.16	42,42,42,42	0
86	OHX	5	4094	7/7	0.87	0.18	129,129,129,129	0
86	OHX	1	4118	7/7	0.87	0.18	129,129,129,129	0
85	MG	5	3776	1/1	0.87	0.37	63,63,63,63	0
86	OHX	2	2140	7/7	0.87	0.15	150,150,150,150	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3581	1/1	0.87	0.34	36,36,36,36	0
86	OHX	5	4122	7/7	0.87	0.13	153,153,153,153	0
85	MG	5	3782	1/1	0.87	0.36	78,78,78,78	0
85	MG	1	3696	1/1	0.87	0.19	37,37,37,37	0
86	OHX	1	4129	7/7	0.87	0.14	156,156,156,156	0
85	MG	6	1994	1/1	0.87	0.13	35,35,35,35	0
85	MG	4	218	1/1	0.87	0.10	37,37,37,37	0
85	MG	4	221	1/1	0.87	0.10	29,29,29,29	0
86	OHX	5	4141	7/7	0.87	0.18	130,130,130,130	0
86	OHX	1	4138	7/7	0.87	0.17	123,123,123,123	0
86	OHX	5	4143	7/7	0.87	0.16	146,146,146,146	0
86	OHX	6	2122	7/7	0.87	0.18	136,136,136,136	0
86	OHX	6	2098	7/7	0.88	0.11	194,194,194,194	0
85	MG	5	3521	1/1	0.88	0.22	25,25,25,25	0
86	OHX	1	4124	7/7	0.88	0.16	139,139,139,139	0
85	MG	S2	301	1/1	0.88	0.28	43,43,43,43	0
85	MG	6	1964	1/1	0.88	0.23	53,53,53,53	0
85	MG	1	3550	1/1	0.88	0.25	33,33,33,33	0
85	MG	5	3781	1/1	0.88	0.06	25,25,25,25	0
85	MG	1	3833	1/1	0.88	0.18	29,29,29,29	0
86	OHX	2	2143	7/7	0.88	0.20	120,120,120,120	0
85	MG	N5	202	1/1	0.88	0.18	55,55,55,55	0
85	MG	5	3572	1/1	0.88	0.32	17,17,17,17	0
85	MG	N6	201	1/1	0.88	0.26	34,34,34,34	0
85	MG	6	2041	1/1	0.88	0.20	41,41,41,41	0
86	OHX	5	4160	7/7	0.88	0.18	128,128,128,128	0
85	MG	6	2042	1/1	0.88	0.10	41,41,41,41	0
85	MG	2	1935	1/1	0.88	0.38	39,39,39,39	0
85	MG	2	1902	1/1	0.88	0.20	30,30,30,30	0
85	MG	6	1977	1/1	0.88	0.33	38,38,38,38	0
85	MG	1	3495	1/1	0.88	0.23	36,36,36,36	0
86	OHX	5	4170	7/7	0.88	0.17	133,133,133,133	0
85	MG	1	3839	1/1	0.88	0.31	51,51,51,51	0
85	MG	c1	201	1/1	0.88	0.22	39,39,39,39	0
86	OHX	6	2156	7/7	0.88	0.16	130,130,130,130	0
85	MG	5	3838	1/1	0.88	0.22	43,43,43,43	0
85	MG	1	3841	1/1	0.88	0.21	42,42,42,42	0
85	MG	5	3843	1/1	0.88	0.19	53,53,53,53	0
85	MG	5	3639	1/1	0.88	0.23	45,45,45,45	0
85	MG	1	3428	1/1	0.88	0.21	44,44,44,44	0
85	MG	5	3651	1/1	0.88	0.23	20,20,20,20	0
85	MG	5	3867	1/1	0.88	0.28	43,43,43,43	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	1912	1/1	0.88	0.34	59,59,59,59	0
85	MG	d6	102	1/1	0.88	0.20	45,45,45,45	0
86	OHX	5	4188	7/7	0.88	0.12	169,169,169,169	0
86	OHX	6	2169	7/7	0.88	0.41	111,111,111,111	0
86	OHX	6	2170	7/7	0.88	0.14	143,143,143,143	0
86	OHX	1	4167	7/7	0.88	0.35	110,110,110,110	0
86	OHX	2	2165	7/7	0.88	0.15	150,150,150,150	0
85	MG	2	1994	1/1	0.88	0.27	83,83,83,83	0
85	MG	5	3407	1/1	0.88	0.19	30,30,30,30	0
85	MG	1	3857	1/1	0.88	0.37	55,55,55,55	0
86	OHX	1	4173	7/7	0.88	0.15	142,142,142,142	0
85	MG	1	3442	1/1	0.88	0.25	16,16,16,16	0
86	OHX	5	4204	7/7	0.88	0.35	106,106,106,106	0
85	MG	6	1921	1/1	0.88	0.31	38,38,38,38	0
85	MG	1	3646	1/1	0.88	0.17	35,35,35,35	0
85	MG	1	3735	1/1	0.88	0.22	23,23,23,23	0
85	MG	1	3737	1/1	0.88	0.30	40,40,40,40	0
85	MG	5	3695	1/1	0.88	0.18	45,45,45,45	0
85	MG	1	3404	1/1	0.88	0.36	38,38,38,38	0
85	MG	1	3451	1/1	0.88	0.22	26,26,26,26	0
85	MG	2	1977	1/1	0.88	0.27	44,44,44,44	0
85	MG	1	3668	1/1	0.88	0.19	65,65,65,65	0
85	MG	8	206	1/1	0.88	0.18	27,27,27,27	0
85	MG	2	1972	1/1	0.88	0.28	54,54,54,54	0
85	MG	8	210	1/1	0.88	0.10	53,53,53,53	0
86	OHX	1	4017	7/7	0.88	0.15	132,132,132,132	0
85	MG	3	212	1/1	0.88	0.13	62,62,62,62	0
86	OHX	1	4022	7/7	0.88	0.13	146,146,146,146	0
85	MG	1	3409	1/1	0.88	0.29	23,23,23,23	0
86	OHX	1	4034	7/7	0.88	0.17	125,125,125,125	0
85	MG	4	204	1/1	0.88	0.34	37,37,37,37	0
86	OHX	1	4196	7/7	0.88	0.15	130,130,130,130	0
86	OHX	1	4057	7/7	0.88	0.15	132,132,132,132	0
85	MG	5	3717	1/1	0.88	0.13	40,40,40,40	0
86	OHX	s4	301	7/7	0.88	0.14	151,151,151,151	0
85	MG	1	3775	1/1	0.88	0.19	47,47,47,47	0
86	OHX	1	4064	7/7	0.88	0.41	111,111,111,111	0
85	MG	5	3720	1/1	0.88	0.27	39,39,39,39	0
85	MG	1	3469	1/1	0.88	0.21	36,36,36,36	0
86	OHX	2	2081	7/7	0.88	0.12	160,160,160,160	0
85	MG	5	3483	1/1	0.88	0.29	14,14,14,14	0
86	OHX	2	2092	7/7	0.88	0.14	145,145,145,145	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4010	7/7	0.88	0.15	140,140,140,140	0
86	OHX	1	4206	7/7	0.88	0.21	119,119,119,119	0
85	MG	5	3727	1/1	0.88	0.21	48,48,48,48	0
85	MG	4	210	1/1	0.88	0.17	33,33,33,33	0
86	OHX	5	4056	7/7	0.88	0.18	128,128,128,128	0
86	OHX	1	4090	7/7	0.88	0.13	146,146,146,146	0
85	MG	2	1938	1/1	0.88	0.36	56,56,56,56	0
85	MG	4	216	1/1	0.88	0.22	49,49,49,49	0
85	MG	6	1950	1/1	0.88	0.28	33,33,33,33	0
85	MG	1	3477	1/1	0.88	0.29	30,30,30,30	0
86	OHX	2	2118	7/7	0.88	0.14	146,146,146,146	0
85	MG	1	3414	1/1	0.88	0.45	41,41,41,41	0
86	OHX	5	4101	7/7	0.88	0.16	127,127,127,127	0
86	OHX	13	406	7/7	0.88	0.14	133,133,133,133	0
86	OHX	3	226	7/7	0.88	0.17	136,136,136,136	0
85	MG	1	3614	1/1	0.88	0.20	20,20,20,20	0
85	MG	L2	301	1/1	0.88	0.26	24,24,24,24	0
85	MG	1	3812	1/1	0.88	0.20	40,40,40,40	0
86	OHX	2	2124	7/7	0.88	0.16	145,145,145,145	0
85	MG	5	3516	1/1	0.88	0.24	21,21,21,21	0
86	OHX	2	2131	7/7	0.88	0.19	128,128,128,128	0
86	OHX	2	2132	7/7	0.88	0.13	152,152,152,152	0
86	OHX	M7	204	7/7	0.88	0.43	106,106,106,106	0
85	MG	5	3767	1/1	0.88	0.23	51,51,51,51	0
85	MG	1	3615	1/1	0.88	0.17	55,55,55,55	0
86	OHX	5	4140	7/7	0.88	0.26	107,107,107,107	0
85	MG	5	3846	1/1	0.89	0.11	69,69,69,69	0
85	MG	1	3599	1/1	0.89	0.19	19,19,19,19	0
85	MG	1	3731	1/1	0.89	0.24	69,69,69,69	0
85	MG	1	3651	1/1	0.89	0.19	32,32,32,32	0
86	OHX	5	4150	7/7	0.89	0.15	134,134,134,134	0
85	MG	M7	202	1/1	0.89	0.20	29,29,29,29	0
86	OHX	6	2144	7/7	0.89	0.14	124,124,124,124	0
85	MG	5	3680	1/1	0.89	0.09	22,22,22,22	0
85	MG	M9	201	1/1	0.89	0.23	43,43,43,43	0
85	MG	1	3659	1/1	0.89	0.16	52,52,52,52	0
85	MG	1	3846	1/1	0.89	0.23	36,36,36,36	0
85	MG	5	3878	1/1	0.89	0.29	40,40,40,40	0
85	MG	5	3688	1/1	0.89	0.19	31,31,31,31	0
85	MG	1	3518	1/1	0.89	0.32	17,17,17,17	0
85	MG	1	3743	1/1	0.89	0.13	48,48,48,48	0
85	MG	1	3749	1/1	0.89	0.31	47,47,47,47	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3521	1/1	0.89	0.17	64,64,64,64	0
86	OHX	5	4166	7/7	0.89	0.33	102,102,102,102	0
85	MG	1	3559	1/1	0.89	0.34	27,27,27,27	0
85	MG	6	1906	1/1	0.89	0.26	36,36,36,36	0
85	MG	1	3755	1/1	0.89	0.21	34,34,34,34	0
85	MG	5	3711	1/1	0.89	0.14	40,40,40,40	0
85	MG	2	1993	1/1	0.89	0.27	45,45,45,45	0
85	MG	1	3563	1/1	0.89	0.21	29,29,29,29	0
85	MG	5	3505	1/1	0.89	0.31	34,34,34,34	0
86	OHX	5	4179	7/7	0.89	0.30	118,118,118,118	0
85	MG	2	1981	1/1	0.89	0.28	53,53,53,53	0
85	MG	5	3719	1/1	0.89	0.11	26,26,26,26	0
85	MG	6	1975	1/1	0.89	0.31	56,56,56,56	0
85	MG	3	203	1/1	0.89	0.16	91,91,91,91	0
85	MG	1	3766	1/1	0.89	0.28	50,50,50,50	0
85	MG	m1	202	1/1	0.89	0.21	42,42,42,42	0
85	MG	m5	301	1/1	0.89	0.22	37,37,37,37	0
85	MG	6	1918	1/1	0.89	0.20	64,64,64,64	0
85	MG	5	3518	1/1	0.89	0.29	12,12,12,12	0
85	MG	S4	301	1/1	0.89	0.16	60,60,60,60	0
85	MG	1	3692	1/1	0.89	0.21	34,34,34,34	0
85	MG	q3	502	1/1	0.89	0.10	54,54,54,54	0
86	OHX	2	2056	7/7	0.89	0.13	149,149,149,149	0
86	OHX	2	2075	7/7	0.89	0.19	128,128,128,128	0
86	OHX	2	2079	7/7	0.89	0.10	180,180,180,180	0
86	OHX	5	4202	7/7	0.89	0.21	122,122,122,122	0
86	OHX	1	4056	7/7	0.89	0.12	181,181,181,181	0
86	OHX	2	2080	7/7	0.89	0.17	134,134,134,134	0
85	MG	5	3536	1/1	0.89	0.27	25,25,25,25	0
85	MG	5	3542	1/1	0.89	0.32	57,57,57,57	0
86	OHX	5	4209	7/7	0.89	0.18	135,135,135,135	0
85	MG	1	3629	1/1	0.89	0.19	25,25,25,25	0
85	MG	5	3742	1/1	0.89	0.21	52,52,52,52	0
86	OHX	1	4067	7/7	0.89	0.32	117,117,117,117	0
85	MG	2	1933	1/1	0.89	0.23	66,66,66,66	0
86	OHX	1	4072	7/7	0.89	0.17	117,117,117,117	0
86	OHX	6	2196	7/7	0.89	0.17	136,136,136,136	0
86	OHX	1	4074	7/7	0.89	0.14	133,133,133,133	0
86	OHX	1	4075	7/7	0.89	0.41	112,112,112,112	0
85	MG	5	3746	1/1	0.89	0.10	38,38,38,38	0
85	MG	5	3552	1/1	0.89	0.35	29,29,29,29	0
86	OHX	2	2113	7/7	0.89	0.13	161,161,161,161	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4080	7/7	0.89	0.16	131,131,131,131	0
85	MG	2	1939	1/1	0.89	0.33	54,54,54,54	0
85	MG	1	3792	1/1	0.89	0.08	47,47,47,47	0
85	MG	1	3543	1/1	0.89	0.28	23,23,23,23	0
85	MG	2	1963	1/1	0.89	0.33	40,40,40,40	0
85	MG	d3	202	1/1	0.89	0.22	44,44,44,44	0
86	OHX	1	4094	7/7	0.89	0.11	156,156,156,156	0
85	MG	d4	201	1/1	0.89	0.15	45,45,45,45	0
85	MG	6	1930	1/1	0.89	0.25	42,42,42,42	0
86	OHX	1	4099	7/7	0.89	0.16	139,139,139,139	0
85	MG	5	3592	1/1	0.89	0.28	19,19,19,19	0
85	MG	sM	301	1/1	0.89	0.15	35,35,35,35	0
85	MG	5	3607	1/1	0.89	0.29	19,19,19,19	0
85	MG	5	3786	1/1	0.89	0.10	46,46,46,46	0
86	OHX	1	4108	7/7	0.89	0.36	109,109,109,109	0
86	OHX	2	2133	7/7	0.89	0.12	151,151,151,151	0
85	MG	5	3401	1/1	0.89	0.16	52,52,52,52	0
86	OHX	4	238	7/7	0.89	0.16	137,137,137,137	0
85	MG	6	1931	1/1	0.89	0.38	50,50,50,50	0
85	MG	1	3810	1/1	0.89	0.17	26,26,26,26	0
85	MG	1	3417	1/1	0.89	0.26	34,34,34,34	0
85	MG	4	213	1/1	0.89	0.28	35,35,35,35	0
85	MG	5	3635	1/1	0.89	0.24	41,41,41,41	0
86	OHX	5	4109	7/7	0.89	0.12	146,146,146,146	0
85	MG	1	3589	1/1	0.89	0.34	39,39,39,39	0
85	MG	2	1927	1/1	0.89	0.22	46,46,46,46	0
86	OHX	5	4114	7/7	0.89	0.14	147,147,147,147	0
86	OHX	5	4117	7/7	0.89	0.14	150,150,150,150	0
86	OHX	6	2071	7/7	0.89	0.17	152,152,152,152	0
86	OHX	6	2093	7/7	0.89	0.15	141,141,141,141	0
86	OHX	5	4125	7/7	0.89	0.11	187,187,187,187	0
85	MG	1	3484	1/1	0.89	0.29	34,34,34,34	0
86	OHX	6	2101	7/7	0.89	0.18	120,120,120,120	0
85	MG	1	3647	1/1	0.89	0.13	41,41,41,41	0
85	MG	5	3653	1/1	0.89	0.25	45,45,45,45	0
85	MG	5	3828	1/1	0.89	0.12	26,26,26,26	0
86	OHX	1	4131	7/7	0.89	0.17	132,132,132,132	0
86	OHX	5	4138	7/7	0.89	0.19	129,129,129,129	0
85	MG	5	3443	1/1	0.89	0.27	16,16,16,16	0
85	MG	5	3657	1/1	0.89	0.18	16,16,16,16	0
85	MG	1	3551	1/1	0.89	0.29	25,25,25,25	0
86	OHX	6	2133	7/7	0.89	0.14	136,136,136,136	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	7	208	1/1	0.90	0.17	51,51,51,51	0
85	MG	5	3485	1/1	0.90	0.23	33,33,33,33	0
85	MG	5	3696	1/1	0.90	0.08	26,26,26,26	0
85	MG	6	1955	1/1	0.90	0.34	31,31,31,31	0
86	OHX	5	4097	7/7	0.90	0.11	151,151,151,151	0
86	OHX	5	4100	7/7	0.90	0.17	116,116,116,116	0
85	MG	5	3489	1/1	0.90	0.10	20,20,20,20	0
86	OHX	C5	201	7/7	0.90	0.11	169,169,169,169	0
86	OHX	5	4106	7/7	0.90	0.35	112,112,112,112	0
85	MG	6	1958	1/1	0.90	0.36	40,40,40,40	0
86	OHX	1	3921	7/7	0.90	0.20	104,104,104,104	0
86	OHX	5	4112	7/7	0.90	0.27	115,115,115,115	0
85	MG	1	3772	1/1	0.90	0.18	41,41,41,41	0
85	MG	8	205	1/1	0.90	0.25	41,41,41,41	0
85	MG	5	3499	1/1	0.90	0.23	22,22,22,22	0
86	OHX	1	4024	7/7	0.90	0.13	131,131,131,131	0
85	MG	5	3500	1/1	0.90	0.23	27,27,27,27	0
85	MG	2	2179	1/1	0.90	0.16	96,96,96,96	0
85	MG	1	3540	1/1	0.90	0.22	47,47,47,47	0
86	OHX	1	4049	7/7	0.90	0.13	135,135,135,135	0
85	MG	8	215	1/1	0.90	0.24	37,37,37,37	0
85	MG	1	3405	1/1	0.90	0.38	56,56,56,56	0
85	MG	l3	403	1/1	0.90	0.29	24,24,24,24	0
85	MG	1	3782	1/1	0.90	0.17	52,52,52,52	0
85	MG	l7	301	1/1	0.90	0.10	26,26,26,26	0
85	MG	l7	302	1/1	0.90	0.21	37,37,37,37	0
85	MG	1	3783	1/1	0.90	0.15	25,25,25,25	0
85	MG	1	3544	1/1	0.90	0.26	31,31,31,31	0
86	OHX	1	4070	7/7	0.90	0.38	102,102,102,102	0
85	MG	m7	201	1/1	0.90	0.30	19,19,19,19	0
85	MG	n8	201	1/1	0.90	0.26	26,26,26,26	0
85	MG	n8	202	1/1	0.90	0.08	22,22,22,22	0
85	MG	6	2039	1/1	0.90	0.20	40,40,40,40	0
85	MG	2	1982	1/1	0.90	0.29	47,47,47,47	0
85	MG	2	1989	1/1	0.90	0.12	42,42,42,42	0
85	MG	1	3472	1/1	0.90	0.29	19,19,19,19	0
85	MG	q1	101	1/1	0.90	0.21	32,32,32,32	0
86	OHX	5	4155	7/7	0.90	0.28	116,116,116,116	0
86	OHX	1	4082	7/7	0.90	0.16	124,124,124,124	0
86	OHX	1	4084	7/7	0.90	0.17	126,126,126,126	0
85	MG	1	3803	1/1	0.90	0.19	27,27,27,27	0
85	MG	5	3526	1/1	0.90	0.29	38,38,38,38	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3429	1/1	0.90	0.40	28,28,28,28	0
85	MG	5	3537	1/1	0.90	0.37	26,26,26,26	0
86	OHX	6	2123	7/7	0.90	0.16	145,145,145,145	0
85	MG	1	3507	1/1	0.90	0.38	21,21,21,21	0
85	MG	1	3555	1/1	0.90	0.28	28,28,28,28	0
86	OHX	6	2129	7/7	0.90	0.13	146,146,146,146	0
86	OHX	5	4169	7/7	0.90	0.20	137,137,137,137	0
86	OHX	6	2130	7/7	0.90	0.22	123,123,123,123	0
85	MG	5	3550	1/1	0.90	0.29	16,16,16,16	0
85	MG	1	3664	1/1	0.90	0.21	31,31,31,31	0
85	MG	1	3509	1/1	0.90	0.19	33,33,33,33	0
85	MG	5	3747	1/1	0.90	0.25	32,32,32,32	0
86	OHX	2	2101	7/7	0.90	0.14	154,154,154,154	0
85	MG	5	3553	1/1	0.90	0.27	23,23,23,23	0
86	OHX	2	2103	7/7	0.90	0.10	196,196,196,196	0
86	OHX	2	2105	7/7	0.90	0.16	129,129,129,129	0
86	OHX	2	2107	7/7	0.90	0.17	138,138,138,138	0
85	MG	5	3751	1/1	0.90	0.16	35,35,35,35	0
86	OHX	1	4114	7/7	0.90	0.17	132,132,132,132	0
86	OHX	5	4184	7/7	0.90	0.15	137,137,137,137	0
85	MG	1	3819	1/1	0.90	0.08	36,36,36,36	0
85	MG	5	3568	1/1	0.90	0.29	22,22,22,22	0
86	OHX	2	2116	7/7	0.90	0.15	141,141,141,141	0
86	OHX	6	2152	7/7	0.90	0.12	134,134,134,134	0
85	MG	2	2002	1/1	0.90	0.40	75,75,75,75	0
86	OHX	1	4121	7/7	0.90	0.16	133,133,133,133	0
85	MG	4	214	1/1	0.90	0.21	36,36,36,36	0
85	MG	6	1928	1/1	0.90	0.42	62,62,62,62	0
85	MG	4	215	1/1	0.90	0.11	28,28,28,28	0
85	MG	1	3516	1/1	0.90	0.36	27,27,27,27	0
85	MG	5	3588	1/1	0.90	0.30	16,16,16,16	0
85	MG	5	3589	1/1	0.90	0.28	23,23,23,23	0
86	OHX	6	2164	7/7	0.90	0.13	143,143,143,143	0
86	OHX	2	2125	7/7	0.90	0.15	122,122,122,122	0
86	OHX	2	2126	7/7	0.90	0.15	131,131,131,131	0
86	OHX	2	2128	7/7	0.90	0.15	144,144,144,144	0
86	OHX	5	4208	7/7	0.90	0.10	195,195,195,195	0
85	MG	6	1995	1/1	0.90	0.22	64,64,64,64	0
85	MG	sM	302	1/1	0.90	0.07	35,35,35,35	0
85	MG	4	217	1/1	0.90	0.19	38,38,38,38	0
85	MG	5	3601	1/1	0.90	0.10	50,50,50,50	0
85	MG	5	3604	1/1	0.90	0.09	20,20,20,20	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1932	1/1	0.90	0.21	36,36,36,36	0
86	OHX	6	2174	7/7	0.90	0.32	104,104,104,104	0
85	MG	1	3616	1/1	0.90	0.21	54,54,54,54	0
85	MG	1	3746	1/1	0.90	0.16	40,40,40,40	0
86	OHX	2	2138	7/7	0.90	0.14	135,135,135,135	0
86	OHX	1	4147	7/7	0.90	0.13	134,134,134,134	0
85	MG	5	3417	1/1	0.90	0.25	19,19,19,19	0
85	MG	6	2001	1/1	0.90	0.14	48,48,48,48	0
86	OHX	1	4152	7/7	0.90	0.17	133,133,133,133	0
85	MG	5	3632	1/1	0.90	0.38	71,71,71,71	0
85	MG	1	3679	1/1	0.90	0.10	57,57,57,57	0
85	MG	2	1968	1/1	0.90	0.23	56,56,56,56	0
85	MG	5	3823	1/1	0.90	0.25	38,38,38,38	0
85	MG	6	2004	1/1	0.90	0.21	93,93,93,93	0
86	OHX	1	4161	7/7	0.90	0.13	145,145,145,145	0
85	MG	5	3433	1/1	0.90	0.30	65,65,65,65	0
85	MG	6	2009	1/1	0.90	0.12	41,41,41,41	0
85	MG	5	3441	1/1	0.90	0.27	19,19,19,19	0
85	MG	L4	401	1/1	0.90	0.26	55,55,55,55	0
85	MG	5	3847	1/1	0.90	0.29	48,48,48,48	0
85	MG	1	3840	1/1	0.90	0.13	31,31,31,31	0
85	MG	6	2012	1/1	0.90	0.24	59,59,59,59	0
85	MG	5	3853	1/1	0.90	0.12	53,53,53,53	0
85	MG	5	3659	1/1	0.90	0.28	21,21,21,21	0
85	MG	5	3866	1/1	0.90	0.08	30,30,30,30	0
85	MG	M0	302	1/1	0.90	0.10	32,32,32,32	0
85	MG	1	3683	1/1	0.90	0.16	35,35,35,35	0
85	MG	2	2011	1/1	0.90	0.18	48,48,48,48	0
85	MG	5	3673	1/1	0.90	0.21	34,34,34,34	0
85	MG	1	3481	1/1	0.90	0.24	23,23,23,23	0
85	MG	6	1947	1/1	0.90	0.31	36,36,36,36	0
85	MG	5	3879	1/1	0.90	0.20	58,58,58,58	0
86	OHX	8	226	7/7	0.90	0.15	135,135,135,135	0
85	MG	1	3415	1/1	0.90	0.26	22,22,22,22	0
86	OHX	c8	202	7/7	0.90	0.11	167,167,167,167	0
85	MG	N3	202	1/1	0.90	0.13	48,48,48,48	0
85	MG	5	3885	1/1	0.90	0.09	70,70,70,70	0
85	MG	5	3886	1/1	0.90	0.23	57,57,57,57	0
85	MG	1	3448	1/1	0.90	0.14	26,26,26,26	0
85	MG	5	4249	1/1	0.90	0.18	33,33,33,33	0
86	OHX	l5	302	7/7	0.90	0.13	132,132,132,132	0
86	OHX	5	4036	7/7	0.90	0.16	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	OHX	5	4045	7/7	0.90	0.36	106,106,106,106	0
85	MG	1	3856	1/1	0.90	0.24	43,43,43,43	0
85	MG	7	201	1/1	0.90	0.35	35,35,35,35	0
85	MG	7	203	1/1	0.90	0.30	42,42,42,42	0
86	OHX	5	4065	7/7	0.90	0.20	131,131,131,131	0
85	MG	2	1998	1/1	0.90	0.21	76,76,76,76	0
85	MG	7	205	1/1	0.90	0.31	18,18,18,18	0
85	MG	7	207	1/1	0.90	0.13	42,42,42,42	0
86	OHX	5	4089	7/7	0.90	0.16	126,126,126,126	0
85	MG	1	3650	1/1	0.91	0.24	61,61,61,61	0
85	MG	1	3774	1/1	0.91	0.13	52,52,52,52	0
85	MG	1	3611	1/1	0.91	0.22	48,48,48,48	0
85	MG	1	3779	1/1	0.91	0.07	32,32,32,32	0
85	MG	5	3594	1/1	0.91	0.38	25,25,25,25	0
85	MG	1	3453	1/1	0.91	0.23	24,24,24,24	0
85	MG	5	3597	1/1	0.91	0.42	18,18,18,18	0
85	MG	5	3599	1/1	0.91	0.20	34,34,34,34	0
85	MG	1	3663	1/1	0.91	0.23	40,40,40,40	0
85	MG	6	2025	1/1	0.91	0.16	90,90,90,90	0
86	OHX	5	4144	7/7	0.91	0.38	110,110,110,110	0
86	OHX	6	2137	7/7	0.91	0.16	129,129,129,129	0
86	OHX	1	4137	7/7	0.91	0.34	107,107,107,107	0
85	MG	1	3492	1/1	0.91	0.11	45,45,45,45	0
86	OHX	6	2141	7/7	0.91	0.13	143,143,143,143	0
85	MG	5	3754	1/1	0.91	0.10	48,48,48,48	0
85	MG	1	3724	1/1	0.91	0.10	36,36,36,36	0
85	MG	12	303	1/1	0.91	0.09	34,34,34,34	0
86	OHX	1	4142	7/7	0.91	0.21	115,115,115,115	0
85	MG	5	3615	1/1	0.91	0.17	27,27,27,27	0
85	MG	5	3470	1/1	0.91	0.25	26,26,26,26	0
85	MG	5	3472	1/1	0.91	0.13	27,27,27,27	0
85	MG	5	3627	1/1	0.91	0.23	47,47,47,47	0
85	MG	1	3786	1/1	0.91	0.19	27,27,27,27	0
85	MG	1	3512	1/1	0.91	0.37	16,16,16,16	0
85	MG	5	3633	1/1	0.91	0.13	42,42,42,42	0
85	MG	5	3778	1/1	0.91	0.20	69,69,69,69	0
85	MG	m7	204	1/1	0.91	0.14	27,27,27,27	0
85	MG	1	3729	1/1	0.91	0.30	15,15,15,15	0
85	MG	5	3481	1/1	0.91	0.23	31,31,31,31	0
85	MG	1	3795	1/1	0.91	0.15	43,43,43,43	0
85	MG	5	3643	1/1	0.91	0.15	40,40,40,40	0
85	MG	o3	201	1/1	0.91	0.26	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3789	1/1	0.91	0.21	29,29,29,29	0
85	MG	5	3648	1/1	0.91	0.20	90,90,90,90	0
85	MG	2	1947	1/1	0.91	0.25	42,42,42,42	0
85	MG	5	3792	1/1	0.91	0.23	51,51,51,51	0
86	OHX	2	2053	7/7	0.91	0.14	138,138,138,138	0
86	OHX	5	4178	7/7	0.91	0.33	119,119,119,119	0
85	MG	6	1973	1/1	0.91	0.14	39,39,39,39	0
86	OHX	2	2067	7/7	0.91	0.12	159,159,159,159	0
86	OHX	1	3965	7/7	0.91	0.16	117,117,117,117	0
86	OHX	1	3982	7/7	0.91	0.28	112,112,112,112	0
86	OHX	6	2175	7/7	0.91	0.30	118,118,118,118	0
86	OHX	1	4009	7/7	0.91	0.15	131,131,131,131	0
86	OHX	1	4010	7/7	0.91	0.14	130,130,130,130	0
85	MG	5	3796	1/1	0.91	0.04	30,30,30,30	0
85	MG	6	1919	1/1	0.91	0.30	34,34,34,34	0
85	MG	6	1976	1/1	0.91	0.18	37,37,37,37	0
85	MG	5	3800	1/1	0.91	0.05	28,28,28,28	0
86	OHX	2	2087	7/7	0.91	0.15	128,128,128,128	0
86	OHX	1	4180	7/7	0.91	0.28	103,103,103,103	0
86	OHX	1	4029	7/7	0.91	0.16	132,132,132,132	0
85	MG	1	3733	1/1	0.91	0.14	19,19,19,19	0
86	OHX	1	4044	7/7	0.91	0.32	110,110,110,110	0
86	OHX	6	2187	7/7	0.91	0.13	132,132,132,132	0
86	OHX	2	2091	7/7	0.91	0.29	118,118,118,118	0
85	MG	5	3495	1/1	0.91	0.21	16,16,16,16	0
86	OHX	1	4055	7/7	0.91	0.41	108,108,108,108	0
85	MG	1	3459	1/1	0.91	0.28	19,19,19,19	0
85	MG	1	3497	1/1	0.91	0.25	35,35,35,35	0
86	OHX	5	4207	7/7	0.91	0.30	113,113,113,113	0
86	OHX	1	4189	7/7	0.91	0.12	147,147,147,147	0
86	OHX	1	4059	7/7	0.91	0.13	141,141,141,141	0
85	MG	1	3450	1/1	0.91	0.26	31,31,31,31	0
85	MG	4	211	1/1	0.91	0.20	36,36,36,36	0
85	MG	1	3739	1/1	0.91	0.25	42,42,42,42	0
85	MG	5	3837	1/1	0.91	0.23	38,38,38,38	0
85	MG	1	3588	1/1	0.91	0.53	37,37,37,37	0
85	MG	6	1988	1/1	0.91	0.12	97,97,97,97	0
86	OHX	1	4069	7/7	0.91	0.15	143,143,143,143	0
86	OHX	2	2112	7/7	0.91	0.13	137,137,137,137	0
85	MG	1	3817	1/1	0.91	0.09	37,37,37,37	0
85	MG	5	3681	1/1	0.91	0.13	25,25,25,25	0
85	MG	s8	301	1/1	0.91	0.18	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3850	1/1	0.91	0.14	34,34,34,34	0
85	MG	1	3523	1/1	0.91	0.24	16,16,16,16	0
85	MG	1	3820	1/1	0.91	0.09	44,44,44,44	0
85	MG	1	3824	1/1	0.91	0.12	35,35,35,35	0
85	MG	5	3863	1/1	0.91	0.31	24,24,24,24	0
85	MG	2	1920	1/1	0.91	0.28	47,47,47,47	0
86	OHX	5	3966	7/7	0.91	0.31	103,103,103,103	0
85	MG	4	220	1/1	0.91	0.12	30,30,30,30	0
85	MG	1	3592	1/1	0.91	0.28	20,20,20,20	0
86	OHX	1	4087	7/7	0.91	0.14	128,128,128,128	0
85	MG	1	3638	1/1	0.91	0.14	57,57,57,57	0
86	OHX	2	2127	7/7	0.91	0.13	124,124,124,124	0
85	MG	2	1911	1/1	0.91	0.42	45,45,45,45	0
85	MG	5	3540	1/1	0.91	0.34	21,21,21,21	0
86	OHX	5	4063	7/7	0.91	0.12	142,142,142,142	0
86	OHX	5	4064	7/7	0.91	0.16	128,128,128,128	0
85	MG	1	3756	1/1	0.91	0.10	40,40,40,40	0
86	OHX	4	231	7/7	0.91	0.23	117,117,117,117	0
86	OHX	5	4070	7/7	0.91	0.16	127,127,127,127	0
86	OHX	1	4097	7/7	0.91	0.26	119,119,119,119	0
85	MG	1	3486	1/1	0.91	0.28	19,19,19,19	0
85	MG	5	3708	1/1	0.91	0.23	79,79,79,79	0
86	OHX	1	4100	7/7	0.91	0.14	142,142,142,142	0
86	OHX	4	239	7/7	0.91	0.15	127,127,127,127	0
85	MG	1	3535	1/1	0.91	0.23	34,34,34,34	0
85	MG	1	3760	1/1	0.91	0.16	28,28,28,28	0
86	OHX	5	4095	7/7	0.91	0.12	140,140,140,140	0
85	MG	5	3882	1/1	0.91	0.12	33,33,33,33	0
85	MG	6	2007	1/1	0.91	0.11	36,36,36,36	0
86	OHX	M0	303	7/7	0.91	0.14	119,119,119,119	0
85	MG	1	3561	1/1	0.91	0.31	15,15,15,15	0
86	OHX	5	4105	7/7	0.91	0.17	127,127,127,127	0
85	MG	1	3848	1/1	0.91	0.23	40,40,40,40	0
85	MG	1	3765	1/1	0.91	0.24	47,47,47,47	0
85	MG	5	4251	1/1	0.91	0.24	20,20,20,20	0
85	MG	N0	201	1/1	0.91	0.28	33,33,33,33	0
85	MG	5	3425	1/1	0.91	0.16	34,34,34,34	0
85	MG	1	3487	1/1	0.91	0.18	25,25,25,25	0
85	MG	5	3726	1/1	0.91	0.25	19,19,19,19	0
86	OHX	5	4118	7/7	0.91	0.12	149,149,149,149	0
86	OHX	6	2113	7/7	0.91	0.15	126,126,126,126	0
85	MG	1	3767	1/1	0.91	0.14	86,86,86,86	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2116	7/7	0.91	0.14	147,147,147,147	0
85	MG	1	3505	1/1	0.91	0.25	23,23,23,23	0
87	ZN	q2	501	1/1	0.91	0.21	71,71,71,71	0
85	MG	2	1925	1/1	0.92	0.40	53,53,53,53	0
85	MG	2	1971	1/1	0.92	0.22	61,61,61,61	0
85	MG	1	3813	1/1	0.92	0.20	42,42,42,42	0
85	MG	1	3421	1/1	0.92	0.28	26,26,26,26	0
86	OHX	1	4153	7/7	0.92	0.19	122,122,122,122	0
85	MG	1	3476	1/1	0.92	0.16	35,35,35,35	0
85	MG	N6	202	1/1	0.92	0.12	35,35,35,35	0
85	MG	5	3506	1/1	0.92	0.26	16,16,16,16	0
85	MG	1	3440	1/1	0.92	0.24	25,25,25,25	0
86	OHX	2	2068	7/7	0.92	0.29	111,111,111,111	0
86	OHX	1	3972	7/7	0.92	0.22	113,113,113,113	0
86	OHX	2	2074	7/7	0.92	0.14	141,141,141,141	0
86	OHX	1	3984	7/7	0.92	0.34	104,104,104,104	0
86	OHX	5	4152	7/7	0.92	0.27	111,111,111,111	0
86	OHX	1	3999	7/7	0.92	0.30	108,108,108,108	0
86	OHX	1	4007	7/7	0.92	0.15	122,122,122,122	0
86	OHX	1	4008	7/7	0.92	0.15	122,122,122,122	0
85	MG	5	3804	1/1	0.92	0.21	20,20,20,20	0
85	MG	5	3512	1/1	0.92	0.20	24,24,24,24	0
86	OHX	1	4013	7/7	0.92	0.14	127,127,127,127	0
85	MG	5	3808	1/1	0.92	0.17	53,53,53,53	0
85	MG	5	3810	1/1	0.92	0.07	31,31,31,31	0
85	MG	6	1901	1/1	0.92	0.27	35,35,35,35	0
85	MG	5	3514	1/1	0.92	0.31	17,17,17,17	0
85	MG	5	3668	1/1	0.92	0.18	22,22,22,22	0
85	MG	5	3826	1/1	0.92	0.07	61,61,61,61	0
86	OHX	2	2097	7/7	0.92	0.12	152,152,152,152	0
85	MG	3	210	1/1	0.92	0.17	53,53,53,53	0
86	OHX	1	4046	7/7	0.92	0.13	141,141,141,141	0
85	MG	5	3406	1/1	0.92	0.21	30,30,30,30	0
85	MG	3	211	1/1	0.92	0.16	63,63,63,63	0
85	MG	5	3409	1/1	0.92	0.30	34,34,34,34	0
85	MG	1	3564	1/1	0.92	0.17	22,22,22,22	0
86	OHX	2	2104	7/7	0.92	0.23	118,118,118,118	0
85	MG	5	3844	1/1	0.92	0.15	49,49,49,49	0
85	MG	3	213	1/1	0.92	0.24	50,50,50,50	0
85	MG	5	3525	1/1	0.92	0.28	17,17,17,17	0
85	MG	1	3541	1/1	0.92	0.19	21,21,21,21	0
85	MG	5	3529	1/1	0.92	0.18	20,20,20,20	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4066	7/7	0.92	0.18	126,126,126,126	0
85	MG	5	3535	1/1	0.92	0.32	26,26,26,26	0
85	MG	5	3419	1/1	0.92	0.12	25,25,25,25	0
85	MG	1	3496	1/1	0.92	0.17	23,23,23,23	0
85	MG	5	3864	1/1	0.92	0.25	14,14,14,14	0
85	MG	5	3538	1/1	0.92	0.27	14,14,14,14	0
86	OHX	2	2120	7/7	0.92	0.13	145,145,145,145	0
85	MG	5	3421	1/1	0.92	0.30	29,29,29,29	0
85	MG	1	3827	1/1	0.92	0.29	39,39,39,39	0
85	MG	5	3868	1/1	0.92	0.33	35,35,35,35	0
85	MG	6	1913	1/1	0.92	0.32	28,28,28,28	0
85	MG	5	3546	1/1	0.92	0.32	39,39,39,39	0
85	MG	5	3548	1/1	0.92	0.35	32,32,32,32	0
85	MG	5	3549	1/1	0.92	0.31	39,39,39,39	0
85	MG	5	3426	1/1	0.92	0.15	27,27,27,27	0
85	MG	2	2020	1/1	0.92	0.18	83,83,83,83	0
86	OHX	1	4086	7/7	0.92	0.32	94,94,94,94	0
85	MG	1	3618	1/1	0.92	0.20	60,60,60,60	0
85	MG	1	3545	1/1	0.92	0.18	40,40,40,40	0
86	OHX	1	4091	7/7	0.92	0.12	144,144,144,144	0
85	MG	5	3554	1/1	0.92	0.28	27,27,27,27	0
85	MG	5	3883	1/1	0.92	0.21	25,25,25,25	0
85	MG	1	3456	1/1	0.92	0.22	16,16,16,16	0
85	MG	5	3559	1/1	0.92	0.31	22,22,22,22	0
86	OHX	sR	401	7/7	0.92	0.10	159,159,159,159	0
85	MG	5	3566	1/1	0.92	0.32	14,14,14,14	0
85	MG	5	3891	1/1	0.92	0.18	27,27,27,27	0
85	MG	1	3427	1/1	0.92	0.25	28,28,28,28	0
85	MG	1	3670	1/1	0.92	0.19	29,29,29,29	0
86	OHX	5	4021	7/7	0.92	0.19	104,104,104,104	0
85	MG	5	3571	1/1	0.92	0.29	27,27,27,27	0
86	OHX	5	4041	7/7	0.92	0.15	130,130,130,130	0
85	MG	5	3728	1/1	0.92	0.08	32,32,32,32	0
85	MG	1	3630	1/1	0.92	0.13	23,23,23,23	0
86	OHX	5	4052	7/7	0.92	0.13	137,137,137,137	0
85	MG	5	3452	1/1	0.92	0.05	22,22,22,22	0
85	MG	1	3732	1/1	0.92	0.17	45,45,45,45	0
86	OHX	5	4062	7/7	0.92	0.26	111,111,111,111	0
85	MG	5	3582	1/1	0.92	0.25	25,25,25,25	0
85	MG	5	3457	1/1	0.92	0.24	58,58,58,58	0
85	MG	5	3458	1/1	0.92	0.22	19,19,19,19	0
85	MG	5	3461	1/1	0.92	0.29	21,21,21,21	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3844	1/1	0.92	0.35	45,45,45,45	0
86	OHX	5	4073	7/7	0.92	0.15	129,129,129,129	0
85	MG	1	3632	1/1	0.92	0.25	55,55,55,55	0
85	MG	1	3678	1/1	0.92	0.17	25,25,25,25	0
86	OHX	5	4083	7/7	0.92	0.33	101,101,101,101	0
86	OHX	5	4085	7/7	0.92	0.33	111,111,111,111	0
86	OHX	5	4088	7/7	0.92	0.13	130,130,130,130	0
86	OHX	6	2084	7/7	0.92	0.21	117,117,117,117	0
85	MG	2	2013	1/1	0.92	0.35	61,61,61,61	0
86	OHX	1	4120	7/7	0.92	0.33	104,104,104,104	0
85	MG	1	3524	1/1	0.92	0.17	31,31,31,31	0
85	MG	1	3525	1/1	0.92	0.28	13,13,13,13	0
85	MG	5	3755	1/1	0.92	0.16	48,48,48,48	0
86	OHX	7	225	7/7	0.92	0.15	119,119,119,119	0
85	MG	L3	402	1/1	0.92	0.23	35,35,35,35	0
86	OHX	5	4098	7/7	0.92	0.14	133,133,133,133	0
85	MG	5	3759	1/1	0.92	0.17	27,27,27,27	0
86	OHX	6	2118	7/7	0.92	0.34	111,111,111,111	0
85	MG	5	3478	1/1	0.92	0.15	49,49,49,49	0
86	OHX	8	228	7/7	0.92	0.12	137,137,137,137	0
85	MG	5	3605	1/1	0.92	0.10	27,27,27,27	0
85	MG	1	3791	1/1	0.92	0.24	19,19,19,19	0
86	OHX	6	2125	7/7	0.92	0.27	111,111,111,111	0
85	MG	1	3552	1/1	0.92	0.37	24,24,24,24	0
86	OHX	6	2127	7/7	0.92	0.12	140,140,140,140	0
85	MG	1	3744	1/1	0.92	0.18	17,17,17,17	0
85	MG	6	1993	1/1	0.92	0.38	43,43,43,43	0
86	OHX	5	4115	7/7	0.92	0.13	133,133,133,133	0
85	MG	1	3467	1/1	0.92	0.27	29,29,29,29	0
85	MG	m1	201	1/1	0.92	0.23	46,46,46,46	0
85	MG	1	3690	1/1	0.92	0.17	23,23,23,23	0
85	MG	5	3486	1/1	0.92	0.28	34,34,34,34	0
85	MG	1	3503	1/1	0.92	0.30	18,18,18,18	0
85	MG	5	3488	1/1	0.92	0.30	14,14,14,14	0
85	MG	M7	203	1/1	0.92	0.11	27,27,27,27	0
85	MG	1	4215	1/1	0.92	0.08	60,60,60,60	0
85	MG	1	4220	1/1	0.92	0.22	23,23,23,23	0
85	MG	5	3641	1/1	0.92	0.28	43,43,43,43	0
86	OHX	1	4043	7/7	0.93	0.32	103,103,103,103	0
86	OHX	5	4074	7/7	0.93	0.18	118,118,118,118	0
85	MG	5	3774	1/1	0.93	0.26	47,47,47,47	0
85	MG	q3	503	1/1	0.93	0.12	54,54,54,54	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3671	1/1	0.93	0.39	59,59,59,59	0
86	OHX	5	4084	7/7	0.93	0.30	105,105,105,105	0
85	MG	4	225	1/1	0.93	0.21	44,44,44,44	0
86	OHX	1	4052	7/7	0.93	0.27	107,107,107,107	0
86	OHX	1	4054	7/7	0.93	0.28	95,95,95,95	0
86	OHX	2	2061	7/7	0.93	0.13	134,134,134,134	0
86	OHX	2	2062	7/7	0.93	0.11	130,130,130,130	0
86	OHX	5	4092	7/7	0.93	0.13	126,126,126,126	0
86	OHX	3	221	7/7	0.93	0.13	122,122,122,122	0
86	OHX	2	2066	7/7	0.93	0.12	134,134,134,134	0
85	MG	1	3426	1/1	0.93	0.20	52,52,52,52	0
85	MG	1	3673	1/1	0.93	0.19	19,19,19,19	0
85	MG	6	1949	1/1	0.93	0.34	43,43,43,43	0
86	OHX	5	4099	7/7	0.93	0.30	101,101,101,101	0
85	MG	5	3482	1/1	0.93	0.20	37,37,37,37	0
86	OHX	2	2078	7/7	0.93	0.27	117,117,117,117	0
86	OHX	4	232	7/7	0.93	0.28	114,114,114,114	0
85	MG	1	3473	1/1	0.93	0.25	14,14,14,14	0
85	MG	5	3620	1/1	0.93	0.21	25,25,25,25	0
86	OHX	5	4107	7/7	0.93	0.25	110,110,110,110	0
85	MG	1	3620	1/1	0.93	0.09	32,32,32,32	0
86	OHX	2	2084	7/7	0.93	0.12	142,142,142,142	0
85	MG	L8	301	1/1	0.93	0.27	50,50,50,50	0
85	MG	1	3621	1/1	0.93	0.11	31,31,31,31	0
86	OHX	1	4073	7/7	0.93	0.28	116,116,116,116	0
86	OHX	L3	403	7/7	0.93	0.30	117,117,117,117	0
86	OHX	5	4116	7/7	0.93	0.14	123,123,123,123	0
85	MG	1	3531	1/1	0.93	0.24	15,15,15,15	0
85	MG	2	1934	1/1	0.93	0.32	47,47,47,47	0
86	OHX	5	4119	7/7	0.93	0.11	132,132,132,132	0
86	OHX	2	2096	7/7	0.93	0.09	176,176,176,176	0
85	MG	1	3686	1/1	0.93	0.14	89,89,89,89	0
86	OHX	1	4078	7/7	0.93	0.29	117,117,117,117	0
86	OHX	5	4126	7/7	0.93	0.30	116,116,116,116	0
86	OHX	5	4127	7/7	0.93	0.15	127,127,127,127	0
86	OHX	5	4128	7/7	0.93	0.34	109,109,109,109	0
86	OHX	5	4129	7/7	0.93	0.13	129,129,129,129	0
85	MG	5	3491	1/1	0.93	0.18	37,37,37,37	0
86	OHX	6	2070	7/7	0.93	0.32	100,100,100,100	0
85	MG	5	3636	1/1	0.93	0.22	35,35,35,35	0
85	MG	5	3637	1/1	0.93	0.29	35,35,35,35	0
86	OHX	6	2092	7/7	0.93	0.10	138,138,138,138	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3802	1/1	0.93	0.07	33,33,33,33	0
85	MG	1	3845	1/1	0.93	0.12	33,33,33,33	0
85	MG	1	3572	1/1	0.93	0.30	16,16,16,16	0
85	MG	1	3475	1/1	0.93	0.23	27,27,27,27	0
85	MG	5	3644	1/1	0.93	0.24	24,24,24,24	0
86	OHX	6	2114	7/7	0.93	0.13	131,131,131,131	0
86	OHX	1	4088	7/7	0.93	0.11	142,142,142,142	0
85	MG	5	3645	1/1	0.93	0.25	38,38,38,38	0
85	MG	5	3812	1/1	0.93	0.08	56,56,56,56	0
86	OHX	6	2119	7/7	0.93	0.11	144,144,144,144	0
85	MG	1	3575	1/1	0.93	0.25	17,17,17,17	0
85	MG	1	3501	1/1	0.93	0.32	16,16,16,16	0
85	MG	1	3694	1/1	0.93	0.10	37,37,37,37	0
85	MG	1	3770	1/1	0.93	0.10	36,36,36,36	0
85	MG	5	3827	1/1	0.93	0.12	28,28,28,28	0
85	MG	5	3504	1/1	0.93	0.31	19,19,19,19	0
85	MG	1	3771	1/1	0.93	0.16	39,39,39,39	0
85	MG	6	1969	1/1	0.93	0.19	48,48,48,48	0
85	MG	5	3839	1/1	0.93	0.18	23,23,23,23	0
85	MG	2	1922	1/1	0.93	0.34	51,51,51,51	0
85	MG	s8	302	1/1	0.93	0.16	37,37,37,37	0
85	MG	5	3666	1/1	0.93	0.11	18,18,18,18	0
86	OHX	6	2135	7/7	0.93	0.17	125,125,125,125	0
85	MG	2	1955	1/1	0.93	0.22	55,55,55,55	0
85	MG	N8	204	1/1	0.93	0.21	28,28,28,28	0
85	MG	5	3669	1/1	0.93	0.36	48,48,48,48	0
85	MG	5	3670	1/1	0.93	0.23	19,19,19,19	0
86	OHX	1	4113	7/7	0.93	0.25	117,117,117,117	0
85	MG	6	1974	1/1	0.93	0.24	51,51,51,51	0
86	OHX	1	4115	7/7	0.93	0.16	127,127,127,127	0
85	MG	5	3672	1/1	0.93	0.26	45,45,45,45	0
85	MG	5	3857	1/1	0.93	0.25	48,48,48,48	0
85	MG	5	3858	1/1	0.93	0.35	64,64,64,64	0
85	MG	Q2	502	1/1	0.93	0.18	54,54,54,54	0
85	MG	1	3430	1/1	0.93	0.26	39,39,39,39	0
85	MG	1	3418	1/1	0.93	0.16	42,42,42,42	0
86	OHX	1	4122	7/7	0.93	0.11	143,143,143,143	0
85	MG	1	4213	1/1	0.93	0.23	21,21,21,21	0
85	MG	1	3480	1/1	0.93	0.31	33,33,33,33	0
85	MG	1	4218	1/1	0.93	0.26	25,25,25,25	0
85	MG	6	1908	1/1	0.93	0.27	44,44,44,44	0
85	MG	5	3686	1/1	0.93	0.09	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	OHX	6	2161	7/7	0.93	0.12	129,129,129,129	0
85	MG	1	3640	1/1	0.93	0.25	27,27,27,27	0
86	OHX	1	4130	7/7	0.93	0.23	115,115,115,115	0
85	MG	5	3532	1/1	0.93	0.27	25,25,25,25	0
85	MG	5	3689	1/1	0.93	0.21	38,38,38,38	0
86	OHX	5	4194	7/7	0.93	0.28	117,117,117,117	0
85	MG	5	3533	1/1	0.93	0.23	42,42,42,42	0
85	MG	1	3436	1/1	0.93	0.17	33,33,33,33	0
85	MG	3	202	1/1	0.93	0.13	36,36,36,36	0
85	MG	1	3482	1/1	0.93	0.26	38,38,38,38	0
85	MG	5	3410	1/1	0.93	0.28	49,49,49,49	0
85	MG	5	3884	1/1	0.93	0.26	14,14,14,14	0
85	MG	5	3539	1/1	0.93	0.30	16,16,16,16	0
85	MG	6	1914	1/1	0.93	0.31	47,47,47,47	0
85	MG	5	3541	1/1	0.93	0.29	20,20,20,20	0
85	MG	5	3415	1/1	0.93	0.21	43,43,43,43	0
85	MG	5	3709	1/1	0.93	0.12	32,32,32,32	0
86	OHX	2	2157	7/7	0.93	0.30	111,111,111,111	0
85	MG	5	3710	1/1	0.93	0.09	55,55,55,55	0
85	MG	1	3709	1/1	0.93	0.11	41,41,41,41	0
85	MG	5	3712	1/1	0.93	0.19	37,37,37,37	0
85	MG	1	3711	1/1	0.93	0.13	41,41,41,41	0
85	MG	1	3514	1/1	0.93	0.26	17,17,17,17	0
86	OHX	1	4155	7/7	0.93	0.29	111,111,111,111	0
85	MG	1	3714	1/1	0.93	0.06	25,25,25,25	0
85	MG	1	3717	1/1	0.93	0.16	62,62,62,62	0
85	MG	1	3793	1/1	0.93	0.17	31,31,31,31	0
86	OHX	2	2166	7/7	0.93	0.11	151,151,151,151	0
85	MG	7	209	1/1	0.93	0.26	38,38,38,38	0
85	MG	1	3457	1/1	0.93	0.21	29,29,29,29	0
85	MG	1	3796	1/1	0.93	0.22	22,22,22,22	0
85	MG	5	3723	1/1	0.93	0.13	50,50,50,50	0
85	MG	2	1999	1/1	0.93	0.17	71,71,71,71	0
85	MG	5	3555	1/1	0.93	0.23	19,19,19,19	0
86	OHX	1	4166	7/7	0.93	0.26	112,112,112,112	0
85	MG	5	3557	1/1	0.93	0.29	36,36,36,36	0
85	MG	2	1901	1/1	0.93	0.36	64,64,64,64	0
85	MG	1	3600	1/1	0.93	0.25	23,23,23,23	0
85	MG	1	3553	1/1	0.93	0.22	24,24,24,24	0
85	MG	5	3732	1/1	0.93	0.13	29,29,29,29	0
86	OHX	6	2200	7/7	0.93	0.08	202,202,202,202	0
85	MG	8	211	1/1	0.93	0.14	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3734	1/1	0.93	0.15	29,29,29,29	0
85	MG	8	213	1/1	0.93	0.12	43,43,43,43	0
85	MG	5	3567	1/1	0.93	0.28	16,16,16,16	0
85	MG	12	301	1/1	0.93	0.21	25,25,25,25	0
85	MG	6	2006	1/1	0.93	0.17	42,42,42,42	0
85	MG	5	3445	1/1	0.93	0.28	31,31,31,31	0
86	OHX	1	3952	7/7	0.93	0.22	98,98,98,98	0
85	MG	1	3811	1/1	0.93	0.11	34,34,34,34	0
85	MG	1	3655	1/1	0.93	0.20	32,32,32,32	0
85	MG	5	3743	1/1	0.93	0.15	55,55,55,55	0
85	MG	1	3657	1/1	0.93	0.18	30,30,30,30	0
85	MG	5	3574	1/1	0.93	0.23	11,11,11,11	0
86	OHX	1	4000	7/7	0.93	0.26	97,97,97,97	0
86	OHX	5	3987	7/7	0.93	0.12	132,132,132,132	0
86	OHX	5	3994	7/7	0.93	0.33	101,101,101,101	0
86	OHX	8	223	7/7	0.93	0.14	122,122,122,122	0
86	OHX	1	4003	7/7	0.93	0.21	120,120,120,120	0
85	MG	1	3464	1/1	0.93	0.19	40,40,40,40	0
85	MG	2	1916	1/1	0.93	0.34	35,35,35,35	0
86	OHX	5	4023	7/7	0.93	0.27	94,94,94,94	0
85	MG	5	3586	1/1	0.93	0.26	17,17,17,17	0
86	OHX	5	4039	7/7	0.93	0.16	124,124,124,124	0
86	OHX	1	4191	7/7	0.93	0.11	167,167,167,167	0
86	OHX	5	4042	7/7	0.93	0.24	117,117,117,117	0
85	MG	1	3413	1/1	0.93	0.25	28,28,28,28	0
85	MG	1	3613	1/1	0.93	0.14	24,24,24,24	0
86	OHX	5	4050	7/7	0.93	0.31	105,105,105,105	0
86	OHX	1	4015	7/7	0.93	0.10	152,152,152,152	0
85	MG	5	3462	1/1	0.93	0.22	35,35,35,35	0
85	MG	1	3738	1/1	0.93	0.12	43,43,43,43	0
86	OHX	m5	304	7/7	0.93	0.14	123,123,123,123	0
86	OHX	5	4057	7/7	0.93	0.13	122,122,122,122	0
85	MG	6	1937	1/1	0.93	0.33	34,34,34,34	0
86	OHX	n6	202	7/7	0.93	0.12	137,137,137,137	0
85	MG	6	1938	1/1	0.93	0.18	37,37,37,37	0
85	MG	1	3470	1/1	0.93	0.15	27,27,27,27	0
85	MG	1	3826	1/1	0.93	0.17	20,20,20,20	0
85	MG	1	3471	1/1	0.93	0.14	26,26,26,26	0
86	OHX	1	4036	7/7	0.93	0.28	114,114,114,114	0
85	MG	5	3642	1/1	0.94	0.23	31,31,31,31	0
85	MG	1	3422	1/1	0.94	0.21	24,24,24,24	0
85	MG	5	3402	1/1	0.94	0.20	15,15,15,15	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	4051	7/7	0.94	0.13	124,124,124,124	0
85	MG	1	3829	1/1	0.94	0.25	15,15,15,15	0
85	MG	1	3830	1/1	0.94	0.24	11,11,11,11	0
86	OHX	5	4076	7/7	0.94	0.30	110,110,110,110	0
86	OHX	5	4078	7/7	0.94	0.11	134,134,134,134	0
85	MG	6	1996	1/1	0.94	0.06	49,49,49,49	0
86	OHX	5	4081	7/7	0.94	0.25	114,114,114,114	0
85	MG	5	3797	1/1	0.94	0.08	33,33,33,33	0
85	MG	1	3609	1/1	0.94	0.09	33,33,33,33	0
86	OHX	1	4058	7/7	0.94	0.10	143,143,143,143	0
86	OHX	2	2076	7/7	0.94	0.14	112,112,112,112	0
86	OHX	5	4086	7/7	0.94	0.28	111,111,111,111	0
86	OHX	4	230	7/7	0.94	0.26	104,104,104,104	0
85	MG	1	3566	1/1	0.94	0.31	17,17,17,17	0
85	MG	1	3569	1/1	0.94	0.24	14,14,14,14	0
86	OHX	4	234	7/7	0.94	0.11	125,125,125,125	0
86	OHX	1	4062	7/7	0.94	0.27	105,105,105,105	0
85	MG	5	3654	1/1	0.94	0.07	27,27,27,27	0
85	MG	1	3654	1/1	0.94	0.26	21,21,21,21	0
86	OHX	2	2083	7/7	0.94	0.15	121,121,121,121	0
86	OHX	5	4096	7/7	0.94	0.25	94,94,94,94	0
85	MG	5	3416	1/1	0.94	0.08	19,19,19,19	0
85	MG	5	3528	1/1	0.94	0.18	16,16,16,16	0
86	OHX	2	2089	7/7	0.94	0.14	125,125,125,125	0
85	MG	5	3660	1/1	0.94	0.23	42,42,42,42	0
85	MG	5	3807	1/1	0.94	0.16	47,47,47,47	0
86	OHX	5	4102	7/7	0.94	0.20	117,117,117,117	0
85	MG	1	3517	1/1	0.94	0.27	24,24,24,24	0
86	OHX	2	2095	7/7	0.94	0.13	139,139,139,139	0
86	OHX	M5	302	7/7	0.94	0.24	112,112,112,112	0
85	MG	5	3663	1/1	0.94	0.23	27,27,27,27	0
85	MG	1	3768	1/1	0.94	0.22	18,18,18,18	0
85	MG	1	3571	1/1	0.94	0.28	19,19,19,19	0
86	OHX	6	2064	7/7	0.94	0.14	122,122,122,122	0
85	MG	1	3658	1/1	0.94	0.11	23,23,23,23	0
85	MG	5	3822	1/1	0.94	0.20	17,17,17,17	0
85	MG	1	3712	1/1	0.94	0.09	42,42,42,42	0
86	OHX	6	2086	7/7	0.94	0.10	127,127,127,127	0
85	MG	1	3437	1/1	0.94	0.28	22,22,22,22	0
85	MG	6	2008	1/1	0.94	0.10	39,39,39,39	0
86	OHX	6	2095	7/7	0.94	0.09	169,169,169,169	0
86	OHX	5	4120	7/7	0.94	0.14	120,120,120,120	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2097	7/7	0.94	0.09	181,181,181,181	0
85	MG	1	3617	1/1	0.94	0.26	48,48,48,48	0
85	MG	5	3831	1/1	0.94	0.18	22,22,22,22	0
86	OHX	6	2102	7/7	0.94	0.20	116,116,116,116	0
86	OHX	6	2103	7/7	0.94	0.18	119,119,119,119	0
86	OHX	6	2104	7/7	0.94	0.16	117,117,117,117	0
85	MG	5	3832	1/1	0.94	0.20	36,36,36,36	0
86	OHX	6	2112	7/7	0.94	0.13	129,129,129,129	0
85	MG	5	3836	1/1	0.94	0.07	39,39,39,39	0
85	MG	5	3428	1/1	0.94	0.22	19,19,19,19	0
86	OHX	2	2114	7/7	0.94	0.14	120,120,120,120	0
85	MG	L7	303	1/1	0.94	0.13	32,32,32,32	0
86	OHX	6	2117	7/7	0.94	0.12	122,122,122,122	0
86	OHX	5	4136	7/7	0.94	0.13	123,123,123,123	0
85	MG	5	3432	1/1	0.94	0.18	36,36,36,36	0
86	OHX	5	4139	7/7	0.94	0.28	115,115,115,115	0
85	MG	1	3519	1/1	0.94	0.21	23,23,23,23	0
86	OHX	6	2120	7/7	0.94	0.12	135,135,135,135	0
86	OHX	6	2121	7/7	0.94	0.29	106,106,106,106	0
85	MG	1	3776	1/1	0.94	0.18	41,41,41,41	0
85	MG	1	3777	1/1	0.94	0.26	54,54,54,54	0
86	OHX	1	4096	7/7	0.94	0.27	106,106,106,106	0
85	MG	5	3442	1/1	0.94	0.20	32,32,32,32	0
85	MG	1	3778	1/1	0.94	0.12	29,29,29,29	0
85	MG	5	3444	1/1	0.94	0.10	20,20,20,20	0
85	MG	6	2016	1/1	0.94	0.06	26,26,26,26	0
85	MG	5	3447	1/1	0.94	0.07	35,35,35,35	0
86	OHX	1	4104	7/7	0.94	0.28	116,116,116,116	0
85	MG	5	3691	1/1	0.94	0.06	28,28,28,28	0
85	MG	5	3855	1/1	0.94	0.09	32,32,32,32	0
85	MG	M6	201	1/1	0.94	0.11	25,25,25,25	0
85	MG	6	1948	1/1	0.94	0.29	36,36,36,36	0
85	MG	5	3862	1/1	0.94	0.25	19,19,19,19	0
85	MG	M7	201	1/1	0.94	0.32	21,21,21,21	0
85	MG	1	3854	1/1	0.94	0.29	29,29,29,29	0
85	MG	5	3700	1/1	0.94	0.20	43,43,43,43	0
85	MG	1	3719	1/1	0.94	0.33	34,34,34,34	0
85	MG	5	3563	1/1	0.94	0.32	22,22,22,22	0
86	OHX	6	2143	7/7	0.94	0.13	132,132,132,132	0
85	MG	5	3704	1/1	0.94	0.24	35,35,35,35	0
86	OHX	6	2145	7/7	0.94	0.22	107,107,107,107	0
85	MG	5	3565	1/1	0.94	0.35	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	2	1918	1/1	0.94	0.40	42,42,42,42	0
85	MG	5	3707	1/1	0.94	0.18	30,30,30,30	0
85	MG	5	3460	1/1	0.94	0.27	34,34,34,34	0
85	MG	1	3547	1/1	0.94	0.21	27,27,27,27	0
85	MG	1	3578	1/1	0.94	0.31	15,15,15,15	0
85	MG	5	3570	1/1	0.94	0.34	16,16,16,16	0
85	MG	1	3522	1/1	0.94	0.32	25,25,25,25	0
85	MG	1	3726	1/1	0.94	0.26	27,27,27,27	0
85	MG	5	3715	1/1	0.94	0.18	37,37,37,37	0
85	MG	6	1959	1/1	0.94	0.43	51,51,51,51	0
85	MG	1	3627	1/1	0.94	0.12	50,50,50,50	0
85	MG	5	3576	1/1	0.94	0.20	18,18,18,18	0
85	MG	1	3790	1/1	0.94	0.17	45,45,45,45	0
85	MG	1	4217	1/1	0.94	0.12	36,36,36,36	0
86	OHX	1	4133	7/7	0.94	0.24	110,110,110,110	0
86	OHX	1	4134	7/7	0.94	0.14	100,100,100,100	0
86	OHX	5	4187	7/7	0.94	0.25	111,111,111,111	0
85	MG	5	3584	1/1	0.94	0.33	17,17,17,17	0
85	MG	5	3722	1/1	0.94	0.08	25,25,25,25	0
85	MG	2	1921	1/1	0.94	0.32	43,43,43,43	0
85	MG	6	2035	1/1	0.94	0.29	49,49,49,49	0
86	OHX	5	4195	7/7	0.94	0.31	116,116,116,116	0
85	MG	7	202	1/1	0.94	0.19	18,18,18,18	0
85	MG	2	1995	1/1	0.94	0.08	70,70,70,70	0
85	MG	2	1953	1/1	0.94	0.20	52,52,52,52	0
85	MG	1	3526	1/1	0.94	0.28	13,13,13,13	0
85	MG	7	206	1/1	0.94	0.16	33,33,33,33	0
85	MG	1	3680	1/1	0.94	0.24	47,47,47,47	0
85	MG	5	3730	1/1	0.94	0.06	36,36,36,36	0
85	MG	5	3593	1/1	0.94	0.21	31,31,31,31	0
85	MG	7	210	1/1	0.94	0.24	29,29,29,29	0
85	MG	1	3736	1/1	0.94	0.17	48,48,48,48	0
85	MG	5	3733	1/1	0.94	0.13	34,34,34,34	0
85	MG	1	3490	1/1	0.94	0.17	32,32,32,32	0
85	MG	1	3554	1/1	0.94	0.32	17,17,17,17	0
85	MG	5	3598	1/1	0.94	0.28	31,31,31,31	0
85	MG	8	202	1/1	0.94	0.30	35,35,35,35	0
85	MG	5	3737	1/1	0.94	0.10	43,43,43,43	0
85	MG	1	3685	1/1	0.94	0.10	26,26,26,26	0
85	MG	1	3445	1/1	0.94	0.10	36,36,36,36	0
85	MG	8	207	1/1	0.94	0.20	33,33,33,33	0
85	MG	1	3462	1/1	0.94	0.24	14,14,14,14	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3688	1/1	0.94	0.15	26,26,26,26	0
85	MG	1	3494	1/1	0.94	0.18	33,33,33,33	0
85	MG	5	3612	1/1	0.94	0.20	23,23,23,23	0
85	MG	1	3510	1/1	0.94	0.29	19,19,19,19	0
85	MG	8	214	1/1	0.94	0.21	86,86,86,86	0
85	MG	4	203	1/1	0.94	0.30	41,41,41,41	0
85	MG	5	3617	1/1	0.94	0.21	34,34,34,34	0
85	MG	5	3753	1/1	0.94	0.06	29,29,29,29	0
86	OHX	SR	401	7/7	0.94	0.09	159,159,159,159	0
86	OHX	1	3918	7/7	0.94	0.12	112,112,112,112	0
86	OHX	5	4227	7/7	0.94	0.28	100,100,100,100	0
85	MG	5	3618	1/1	0.94	0.08	35,35,35,35	0
86	OHX	1	3951	7/7	0.94	0.13	108,108,108,108	0
85	MG	1	3753	1/1	0.94	0.14	17,17,17,17	0
85	MG	6	1982	1/1	0.94	0.15	47,47,47,47	0
85	MG	SM	301	1/1	0.94	0.13	46,46,46,46	0
85	MG	5	3762	1/1	0.94	0.07	51,51,51,51	0
85	MG	l8	301	1/1	0.94	0.27	55,55,55,55	0
86	OHX	1	3995	7/7	0.94	0.10	157,157,157,157	0
85	MG	5	3764	1/1	0.94	0.12	33,33,33,33	0
85	MG	5	3624	1/1	0.94	0.25	20,20,20,20	0
85	MG	1	3401	1/1	0.94	0.29	30,30,30,30	0
86	OHX	1	4004	7/7	0.94	0.26	116,116,116,116	0
85	MG	5	3502	1/1	0.94	0.19	27,27,27,27	0
85	MG	5	3631	1/1	0.94	0.11	24,24,24,24	0
85	MG	n3	201	1/1	0.94	0.29	14,14,14,14	0
86	OHX	5	3968	7/7	0.94	0.13	95,95,95,95	0
86	OHX	5	3986	7/7	0.94	0.29	105,105,105,105	0
85	MG	5	3772	1/1	0.94	0.12	18,18,18,18	0
86	OHX	1	4012	7/7	0.94	0.13	121,121,121,121	0
85	MG	4	208	1/1	0.94	0.32	18,18,18,18	0
86	OHX	5	4013	7/7	0.94	0.26	120,120,120,120	0
85	MG	n8	203	1/1	0.94	0.32	35,35,35,35	0
86	OHX	8	225	7/7	0.94	0.13	124,124,124,124	0
85	MG	d3	203	1/1	0.94	0.23	37,37,37,37	0
85	MG	4	209	1/1	0.94	0.22	27,27,27,27	0
86	OHX	5	4025	7/7	0.94	0.11	136,136,136,136	0
86	OHX	5	4026	7/7	0.94	0.20	113,113,113,113	0
86	OHX	5	4029	7/7	0.94	0.12	123,123,123,123	0
86	OHX	5	4030	7/7	0.94	0.11	126,126,126,126	0
86	OHX	5	4034	7/7	0.94	0.14	124,124,124,124	0
86	OHX	5	4035	7/7	0.94	0.11	151,151,151,151	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3822	1/1	0.94	0.11	43,43,43,43	0
85	MG	5	3508	1/1	0.94	0.31	18,18,18,18	0
85	MG	5	3780	1/1	0.94	0.20	18,18,18,18	0
86	OHX	19	600	7/7	0.94	0.20	117,117,117,117	0
86	OHX	1	4027	7/7	0.94	0.13	124,124,124,124	0
85	MG	1	3605	1/1	0.94	0.32	36,36,36,36	0
86	OHX	1	4031	7/7	0.94	0.29	108,108,108,108	0
85	MG	5	3638	1/1	0.94	0.15	29,29,29,29	0
85	MG	5	3510	1/1	0.94	0.32	20,20,20,20	0
86	OHX	5	4054	7/7	0.94	0.11	138,138,138,138	0
86	OHX	1	4037	7/7	0.94	0.25	117,117,117,117	0
86	OHX	1	4040	7/7	0.94	0.22	121,121,121,121	0
86	OHX	2	2039	7/7	0.94	0.13	96,96,96,96	0
86	OHX	5	4058	7/7	0.94	0.09	152,152,152,152	0
85	MG	S2	302	1/1	0.94	0.42	55,55,55,55	0
86	OHX	1	4045	7/7	0.94	0.14	119,119,119,119	0
85	MG	2	1919	1/1	0.95	0.38	51,51,51,51	0
85	MG	5	3621	1/1	0.95	0.24	50,50,50,50	0
85	MG	N8	202	1/1	0.95	0.22	21,21,21,21	0
85	MG	5	3520	1/1	0.95	0.32	22,22,22,22	0
86	OHX	5	4077	7/7	0.95	0.23	109,109,109,109	0
85	MG	5	3625	1/1	0.95	0.14	50,50,50,50	0
86	OHX	5	4079	7/7	0.95	0.20	117,117,117,117	0
86	OHX	2	2108	7/7	0.95	0.10	147,147,147,147	0
86	OHX	1	4071	7/7	0.95	0.16	114,114,114,114	0
86	OHX	2	2110	7/7	0.95	0.23	113,113,113,113	0
85	MG	5	3429	1/1	0.95	0.17	18,18,18,18	0
85	MG	1	3660	1/1	0.95	0.11	23,23,23,23	0
85	MG	5	3524	1/1	0.95	0.31	28,28,28,28	0
86	OHX	O3	201	7/7	0.95	0.25	115,115,115,115	0
86	OHX	5	4087	7/7	0.95	0.22	113,113,113,113	0
86	OHX	O7	103	7/7	0.95	0.14	101,101,101,101	0
86	OHX	6	2062	7/7	0.95	0.13	93,93,93,93	0
85	MG	5	3431	1/1	0.95	0.10	22,22,22,22	0
85	MG	5	3876	1/1	0.95	0.24	24,24,24,24	0
85	MG	5	3877	1/1	0.95	0.34	36,36,36,36	0
86	OHX	6	2075	7/7	0.95	0.13	107,107,107,107	0
86	OHX	6	2083	7/7	0.95	0.10	122,122,122,122	0
85	MG	1	3781	1/1	0.95	0.18	28,28,28,28	0
85	MG	1	3835	1/1	0.95	0.31	26,26,26,26	0
86	OHX	6	2091	7/7	0.95	0.21	107,107,107,107	0
85	MG	5	3740	1/1	0.95	0.16	29,29,29,29	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3436	1/1	0.95	0.28	35,35,35,35	0
86	OHX	1	4083	7/7	0.95	0.08	196,196,196,196	0
86	OHX	6	2096	7/7	0.95	0.15	117,117,117,117	0
85	MG	5	3437	1/1	0.95	0.22	41,41,41,41	0
85	MG	4	201	1/1	0.95	0.19	30,30,30,30	0
86	OHX	6	2099	7/7	0.95	0.10	168,168,168,168	0
86	OHX	6	2100	7/7	0.95	0.10	118,118,118,118	0
85	MG	5	3534	1/1	0.95	0.24	31,31,31,31	0
86	OHX	5	4108	7/7	0.95	0.20	115,115,115,115	0
85	MG	6	1903	1/1	0.95	0.32	28,28,28,28	0
85	MG	4	202	1/1	0.95	0.28	48,48,48,48	0
86	OHX	1	4089	7/7	0.95	0.25	110,110,110,110	0
85	MG	6	1905	1/1	0.95	0.29	36,36,36,36	0
86	OHX	6	2109	7/7	0.95	0.13	127,127,127,127	0
85	MG	5	3889	1/1	0.95	0.08	44,44,44,44	0
85	MG	5	3890	1/1	0.95	0.15	57,57,57,57	0
85	MG	1	3444	1/1	0.95	0.30	46,46,46,46	0
86	OHX	2	2130	7/7	0.95	0.24	110,110,110,110	0
85	MG	5	4247	1/1	0.95	0.16	25,25,25,25	0
85	MG	5	4248	1/1	0.95	0.14	32,32,32,32	0
85	MG	1	3741	1/1	0.95	0.17	28,28,28,28	0
85	MG	5	4250	1/1	0.95	0.07	24,24,24,24	0
86	OHX	5	4123	7/7	0.95	0.10	134,134,134,134	0
86	OHX	5	4124	7/7	0.95	0.15	110,110,110,110	0
85	MG	1	3838	1/1	0.95	0.24	14,14,14,14	0
85	MG	6	2031	1/1	0.95	0.10	42,42,42,42	0
85	MG	6	2032	1/1	0.95	0.37	51,51,51,51	0
85	MG	5	3451	1/1	0.95	0.25	27,27,27,27	0
85	MG	5	3760	1/1	0.95	0.10	28,28,28,28	0
85	MG	5	3761	1/1	0.95	0.28	32,32,32,32	0
85	MG	5	3545	1/1	0.95	0.33	32,32,32,32	0
85	MG	1	3700	1/1	0.95	0.17	27,27,27,27	0
86	OHX	6	2128	7/7	0.95	0.12	121,121,121,121	0
85	MG	2	2004	1/1	0.95	0.17	50,50,50,50	0
85	MG	1	3788	1/1	0.95	0.21	58,58,58,58	0
85	MG	1	3843	1/1	0.95	0.23	52,52,52,52	0
86	OHX	5	4137	7/7	0.95	0.22	111,111,111,111	0
86	OHX	1	4112	7/7	0.95	0.15	118,118,118,118	0
85	MG	5	3459	1/1	0.95	0.18	20,20,20,20	0
85	MG	1	3447	1/1	0.95	0.14	21,21,21,21	0
85	MG	1	3748	1/1	0.95	0.12	34,34,34,34	0
85	MG	1	3603	1/1	0.95	0.08	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3665	1/1	0.95	0.20	22,22,22,22	0
85	MG	1	3669	1/1	0.95	0.22	36,36,36,36	0
85	MG	1	3849	1/1	0.95	0.12	30,30,30,30	0
86	OHX	6	2140	7/7	0.95	0.12	125,125,125,125	0
85	MG	1	3604	1/1	0.95	0.12	46,46,46,46	0
86	OHX	5	4148	7/7	0.95	0.26	112,112,112,112	0
85	MG	1	3558	1/1	0.95	0.20	16,16,16,16	0
85	MG	5	3560	1/1	0.95	0.28	17,17,17,17	0
85	MG	5	3785	1/1	0.95	0.22	12,12,12,12	0
85	MG	1	3852	1/1	0.95	0.20	15,15,15,15	0
85	MG	5	3787	1/1	0.95	0.21	27,27,27,27	0
86	OHX	1	4126	7/7	0.95	0.20	118,118,118,118	0
85	MG	1	3458	1/1	0.95	0.19	55,55,55,55	0
85	MG	1	3579	1/1	0.95	0.35	26,26,26,26	0
86	OHX	5	4157	7/7	0.95	0.25	111,111,111,111	0
85	MG	5	3477	1/1	0.95	0.19	17,17,17,17	0
85	MG	5	3676	1/1	0.95	0.18	27,27,27,27	0
85	MG	6	1987	1/1	0.95	0.14	40,40,40,40	0
85	MG	5	3793	1/1	0.95	0.07	29,29,29,29	0
85	MG	12	302	1/1	0.95	0.36	25,25,25,25	0
85	MG	5	3794	1/1	0.95	0.08	32,32,32,32	0
85	MG	2	1979	1/1	0.95	0.34	52,52,52,52	0
85	MG	13	402	1/1	0.95	0.30	19,19,19,19	0
85	MG	1	3715	1/1	0.95	0.09	31,31,31,31	0
85	MG	14	401	1/1	0.95	0.07	23,23,23,23	0
85	MG	1	3806	1/1	0.95	0.09	47,47,47,47	0
85	MG	L2	302	1/1	0.95	0.07	26,26,26,26	0
85	MG	5	3685	1/1	0.95	0.08	30,30,30,30	0
85	MG	6	1992	1/1	0.95	0.18	49,49,49,49	0
86	OHX	5	4174	7/7	0.95	0.09	148,148,148,148	0
85	MG	1	3859	1/1	0.95	0.13	99,99,99,99	0
85	MG	5	3575	1/1	0.95	0.23	24,24,24,24	0
85	MG	d3	201	1/1	0.95	0.22	40,40,40,40	0
85	MG	5	3578	1/1	0.95	0.15	21,21,21,21	0
85	MG	5	3693	1/1	0.95	0.18	56,56,56,56	0
85	MG	n0	201	1/1	0.95	0.08	31,31,31,31	0
86	OHX	1	4149	7/7	0.95	0.21	108,108,108,108	0
85	MG	n0	202	1/1	0.95	0.14	26,26,26,26	0
85	MG	5	3694	1/1	0.95	0.11	26,26,26,26	0
85	MG	n6	201	1/1	0.95	0.28	32,32,32,32	0
85	MG	1	3532	1/1	0.95	0.27	25,25,25,25	0
85	MG	1	3641	1/1	0.95	0.14	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3533	1/1	0.95	0.09	24,24,24,24	0
86	OHX	1	3935	7/7	0.95	0.14	94,94,94,94	0
86	OHX	1	3944	7/7	0.95	0.12	102,102,102,102	0
86	OHX	1	3949	7/7	0.95	0.12	117,117,117,117	0
86	OHX	5	4191	7/7	0.95	0.28	107,107,107,107	0
86	OHX	5	4193	7/7	0.95	0.22	111,111,111,111	0
85	MG	n8	204	1/1	0.95	0.17	29,29,29,29	0
85	MG	5	3585	1/1	0.95	0.35	11,11,11,11	0
85	MG	5	3815	1/1	0.95	0.30	36,36,36,36	0
86	OHX	1	3971	7/7	0.95	0.26	99,99,99,99	0
85	MG	L7	304	1/1	0.95	0.16	35,35,35,35	0
85	MG	5	3818	1/1	0.95	0.22	34,34,34,34	0
85	MG	1	3721	1/1	0.95	0.17	16,16,16,16	0
86	OHX	1	3985	7/7	0.95	0.21	113,113,113,113	0
86	OHX	1	3987	7/7	0.95	0.12	119,119,119,119	0
86	OHX	1	3990	7/7	0.95	0.26	105,105,105,105	0
85	MG	1	4214	1/1	0.95	0.09	22,22,22,22	0
85	MG	5	3825	1/1	0.95	0.12	37,37,37,37	0
85	MG	1	3584	1/1	0.95	0.32	31,31,31,31	0
86	OHX	1	4002	7/7	0.95	0.23	104,104,104,104	0
85	MG	M3	201	1/1	0.95	0.09	32,32,32,32	0
86	OHX	2	2050	7/7	0.95	0.20	108,108,108,108	0
86	OHX	1	4005	7/7	0.95	0.24	104,104,104,104	0
86	OHX	2	2051	7/7	0.95	0.18	110,110,110,110	0
86	OHX	2	2052	7/7	0.95	0.09	131,131,131,131	0
85	MG	5	3591	1/1	0.95	0.22	15,15,15,15	0
86	OHX	2	2054	7/7	0.95	0.18	109,109,109,109	0
86	OHX	2	2055	7/7	0.95	0.10	125,125,125,125	0
85	MG	5	3497	1/1	0.95	0.29	25,25,25,25	0
86	OHX	1	4014	7/7	0.95	0.26	112,112,112,112	0
86	OHX	2	2057	7/7	0.95	0.19	110,110,110,110	0
86	OHX	1	4016	7/7	0.95	0.19	112,112,112,112	0
85	MG	1	4216	1/1	0.95	0.42	24,24,24,24	0
86	OHX	1	4018	7/7	0.95	0.22	107,107,107,107	0
85	MG	5	3833	1/1	0.95	0.13	42,42,42,42	0
86	OHX	1	4021	7/7	0.95	0.09	144,144,144,144	0
85	MG	5	3404	1/1	0.95	0.10	38,38,38,38	0
86	OHX	1	4023	7/7	0.95	0.21	104,104,104,104	0
86	OHX	5	3967	7/7	0.95	0.10	102,102,102,102	0
85	MG	1	3483	1/1	0.95	0.07	35,35,35,35	0
86	OHX	5	3977	7/7	0.95	0.28	95,95,95,95	0
85	MG	1	3587	1/1	0.95	0.29	18,18,18,18	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
86	OHX	2	2070	7/7	0.95	0.12	121,121,121,121	0
86	OHX	5	3988	7/7	0.95	0.14	110,110,110,110	0
86	OHX	5	3992	7/7	0.95	0.12	109,109,109,109	0
86	OHX	1	4028	7/7	0.95	0.28	103,103,103,103	0
86	OHX	5	3999	7/7	0.95	0.11	103,103,103,103	0
86	OHX	5	4004	7/7	0.95	0.23	104,104,104,104	0
86	OHX	2	2073	7/7	0.95	0.26	110,110,110,110	0
85	MG	6	2005	1/1	0.95	0.19	48,48,48,48	0
86	OHX	5	4014	7/7	0.95	0.23	98,98,98,98	0
86	OHX	5	4019	7/7	0.95	0.18	108,108,108,108	0
86	OHX	1	4032	7/7	0.95	0.09	153,153,153,153	0
85	MG	5	3840	1/1	0.95	0.06	22,22,22,22	0
85	MG	5	3713	1/1	0.95	0.19	40,40,40,40	0
86	OHX	5	4024	7/7	0.95	0.14	116,116,116,116	0
86	OHX	7	224	7/7	0.95	0.11	136,136,136,136	0
85	MG	5	3842	1/1	0.95	0.15	32,32,32,32	0
85	MG	1	4219	1/1	0.95	0.09	53,53,53,53	0
86	OHX	1	4041	7/7	0.95	0.25	97,97,97,97	0
85	MG	5	3600	1/1	0.95	0.14	36,36,36,36	0
86	OHX	8	219	7/7	0.95	0.24	113,113,113,113	0
86	OHX	8	220	7/7	0.95	0.11	124,124,124,124	0
86	OHX	8	222	7/7	0.95	0.24	112,112,112,112	0
86	OHX	5	4031	7/7	0.95	0.16	112,112,112,112	0
86	OHX	8	224	7/7	0.95	0.09	139,139,139,139	0
86	OHX	5	4032	7/7	0.95	0.08	123,123,123,123	0
85	MG	1	3565	1/1	0.95	0.32	16,16,16,16	0
85	MG	5	3603	1/1	0.95	0.07	21,21,21,21	0
85	MG	2	1954	1/1	0.95	0.23	50,50,50,50	0
86	OHX	5	4037	7/7	0.95	0.14	105,105,105,105	0
86	OHX	2	2085	7/7	0.95	0.18	110,110,110,110	0
86	OHX	2	2086	7/7	0.95	0.16	122,122,122,122	0
86	OHX	l3	405	7/7	0.95	0.20	112,112,112,112	0
86	OHX	3	219	7/7	0.95	0.17	115,115,115,115	0
86	OHX	1	4050	7/7	0.95	0.10	146,146,146,146	0
86	OHX	5	4046	7/7	0.95	0.25	95,95,95,95	0
85	MG	1	3821	1/1	0.95	0.09	28,28,28,28	0
85	MG	N3	201	1/1	0.95	0.24	20,20,20,20	0
86	OHX	5	4051	7/7	0.95	0.11	125,125,125,125	0
85	MG	1	3567	1/1	0.95	0.24	21,21,21,21	0
85	MG	5	3854	1/1	0.95	0.14	53,53,53,53	0
85	MG	2	1942	1/1	0.95	0.15	58,58,58,58	0
86	OHX	2	2094	7/7	0.95	0.09	145,145,145,145	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3622	1/1	0.95	0.34	39,39,39,39	0
85	MG	1	3623	1/1	0.95	0.10	37,37,37,37	0
85	MG	5	3860	1/1	0.95	0.11	18,18,18,18	0
85	MG	5	3861	1/1	0.95	0.22	15,15,15,15	0
85	MG	1	3594	1/1	0.95	0.41	13,13,13,13	0
87	ZN	Q2	501	1/1	0.95	0.19	73,73,73,73	0
86	OHX	1	4063	7/7	0.95	0.09	150,150,150,150	0
86	OHX	5	4067	7/7	0.95	0.27	109,109,109,109	0
85	MG	2	1903	1/1	0.95	0.28	28,28,28,28	0
88	3L2	1	4212	36/36	0.95	0.11	21,21,21,21	0
85	MG	5	3467	1/1	0.96	0.09	24,24,24,24	0
85	MG	1	3684	1/1	0.96	0.21	29,29,29,29	0
85	MG	5	3469	1/1	0.96	0.31	30,30,30,30	0
85	MG	1	3468	1/1	0.96	0.30	32,32,32,32	0
85	MG	6	1972	1/1	0.96	0.31	45,45,45,45	0
85	MG	5	3690	1/1	0.96	0.08	35,35,35,35	0
85	MG	5	3473	1/1	0.96	0.22	47,47,47,47	0
85	MG	5	3692	1/1	0.96	0.11	40,40,40,40	0
85	MG	m5	302	1/1	0.96	0.12	30,30,30,30	0
85	MG	m5	303	1/1	0.96	0.28	37,37,37,37	0
85	MG	1	3652	1/1	0.96	0.16	19,19,19,19	0
85	MG	m7	202	1/1	0.96	0.13	25,25,25,25	0
85	MG	m7	203	1/1	0.96	0.14	37,37,37,37	0
86	OHX	6	2107	7/7	0.96	0.18	114,114,114,114	0
86	OHX	6	2108	7/7	0.96	0.21	106,106,106,106	0
85	MG	1	3727	1/1	0.96	0.10	64,64,64,64	0
86	OHX	6	2111	7/7	0.96	0.23	101,101,101,101	0
86	OHX	1	4103	7/7	0.96	0.09	135,135,135,135	0
85	MG	6	2203	1/1	0.96	0.20	52,52,52,52	0
85	MG	1	3653	1/1	0.96	0.35	31,31,31,31	0
85	MG	n0	203	1/1	0.96	0.16	25,25,25,25	0
85	MG	1	3628	1/1	0.96	0.16	51,51,51,51	0
85	MG	n3	202	1/1	0.96	0.07	35,35,35,35	0
85	MG	5	3698	1/1	0.96	0.09	28,28,28,28	0
86	OHX	5	4103	7/7	0.96	0.23	96,96,96,96	0
85	MG	5	3824	1/1	0.96	0.11	64,64,64,64	0
85	MG	1	3403	1/1	0.96	0.29	25,25,25,25	0
85	MG	1	3656	1/1	0.96	0.32	18,18,18,18	0
85	MG	1	3691	1/1	0.96	0.20	28,28,28,28	0
85	MG	5	3702	1/1	0.96	0.10	31,31,31,31	0
85	MG	6	1912	1/1	0.96	0.30	37,37,37,37	0
86	OHX	5	4110	7/7	0.96	0.25	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	6	1981	1/1	0.96	0.12	41,41,41,41	0
85	MG	1	3455	1/1	0.96	0.46	46,46,46,46	0
85	MG	1	3693	1/1	0.96	0.24	37,37,37,37	0
85	MG	6	1915	1/1	0.96	0.23	32,32,32,32	0
85	MG	1	3842	1/1	0.96	0.35	27,27,27,27	0
85	MG	5	3490	1/1	0.96	0.08	30,30,30,30	0
85	MG	1	3631	1/1	0.96	0.06	21,21,21,21	0
86	OHX	2	2042	7/7	0.96	0.11	106,106,106,106	0
86	OHX	1	3926	7/7	0.96	0.12	94,94,94,94	0
86	OHX	1	3930	7/7	0.96	0.18	109,109,109,109	0
86	OHX	1	3933	7/7	0.96	0.13	97,97,97,97	0
85	MG	1	3695	1/1	0.96	0.07	39,39,39,39	0
86	OHX	1	3936	7/7	0.96	0.14	91,91,91,91	0
86	OHX	1	3938	7/7	0.96	0.12	93,93,93,93	0
86	OHX	1	3940	7/7	0.96	0.20	103,103,103,103	0
85	MG	5	3595	1/1	0.96	0.32	12,12,12,12	0
86	OHX	1	3948	7/7	0.96	0.10	119,119,119,119	0
85	MG	5	3494	1/1	0.96	0.11	30,30,30,30	0
85	MG	1	3610	1/1	0.96	0.05	33,33,33,33	0
85	MG	1	3787	1/1	0.96	0.20	20,20,20,20	0
86	OHX	1	3954	7/7	0.96	0.23	103,103,103,103	0
86	OHX	1	3956	7/7	0.96	0.18	97,97,97,97	0
86	OHX	6	2147	7/7	0.96	0.24	105,105,105,105	0
86	OHX	1	3961	7/7	0.96	0.09	117,117,117,117	0
86	OHX	1	3964	7/7	0.96	0.19	104,104,104,104	0
85	MG	1	3740	1/1	0.96	0.20	34,34,34,34	0
86	OHX	1	3968	7/7	0.96	0.17	101,101,101,101	0
86	OHX	1	3970	7/7	0.96	0.22	112,112,112,112	0
85	MG	5	3848	1/1	0.96	0.10	67,67,67,67	0
85	MG	5	3849	1/1	0.96	0.13	49,49,49,49	0
86	OHX	1	3973	7/7	0.96	0.11	118,118,118,118	0
86	OHX	1	3976	7/7	0.96	0.18	94,94,94,94	0
86	OHX	1	3977	7/7	0.96	0.28	92,92,92,92	0
86	OHX	1	3978	7/7	0.96	0.21	99,99,99,99	0
85	MG	5	3498	1/1	0.96	0.12	29,29,29,29	0
86	OHX	1	3983	7/7	0.96	0.20	97,97,97,97	0
85	MG	1	3590	1/1	0.96	0.40	33,33,33,33	0
86	OHX	2	2064	7/7	0.96	0.23	109,109,109,109	0
85	MG	1	3742	1/1	0.96	0.22	32,32,32,32	0
86	OHX	1	3989	7/7	0.96	0.23	104,104,104,104	0
85	MG	1	3612	1/1	0.96	0.17	25,25,25,25	0
86	OHX	1	3991	7/7	0.96	0.10	130,130,130,130	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3992	7/7	0.96	0.11	125,125,125,125	0
86	OHX	1	3993	7/7	0.96	0.09	126,126,126,126	0
85	MG	1	3461	1/1	0.96	0.26	19,19,19,19	0
86	OHX	1	3996	7/7	0.96	0.09	150,150,150,150	0
86	OHX	1	3997	7/7	0.96	0.20	104,104,104,104	0
85	MG	5	3405	1/1	0.96	0.21	18,18,18,18	0
86	OHX	2	2071	7/7	0.96	0.20	120,120,120,120	0
86	OHX	2	2072	7/7	0.96	0.08	146,146,146,146	0
85	MG	5	3608	1/1	0.96	0.19	22,22,22,22	0
85	MG	5	3724	1/1	0.96	0.08	24,24,24,24	0
85	MG	1	3745	1/1	0.96	0.15	26,26,26,26	0
85	MG	6	1927	1/1	0.96	0.20	43,43,43,43	0
85	MG	5	3614	1/1	0.96	0.20	30,30,30,30	0
85	MG	2	2007	1/1	0.96	0.23	38,38,38,38	0
86	OHX	5	4168	7/7	0.96	0.18	111,111,111,111	0
85	MG	5	3616	1/1	0.96	0.08	30,30,30,30	0
86	OHX	1	4011	7/7	0.96	0.10	130,130,130,130	0
85	MG	5	3507	1/1	0.96	0.34	25,25,25,25	0
85	MG	1	3855	1/1	0.96	0.22	54,54,54,54	0
85	MG	1	3666	1/1	0.96	0.26	38,38,38,38	0
85	MG	5	3414	1/1	0.96	0.27	22,22,22,22	0
85	MG	L4	402	1/1	0.96	0.07	19,19,19,19	0
85	MG	1	3797	1/1	0.96	0.20	38,38,38,38	0
85	MG	5	3872	1/1	0.96	0.23	20,20,20,20	0
85	MG	5	3623	1/1	0.96	0.32	27,27,27,27	0
85	MG	5	3874	1/1	0.96	0.29	48,48,48,48	0
85	MG	1	3798	1/1	0.96	0.22	42,42,42,42	0
85	MG	5	3738	1/1	0.96	0.22	17,17,17,17	0
85	MG	1	3705	1/1	0.96	0.14	56,56,56,56	0
86	OHX	1	4025	7/7	0.96	0.14	117,117,117,117	0
85	MG	1	3667	1/1	0.96	0.18	25,25,25,25	0
85	MG	5	3629	1/1	0.96	0.18	35,35,35,35	0
85	MG	M0	301	1/1	0.96	0.14	30,30,30,30	0
85	MG	1	3804	1/1	0.96	0.11	25,25,25,25	0
85	MG	5	3422	1/1	0.96	0.09	32,32,32,32	0
85	MG	1	3593	1/1	0.96	0.22	13,13,13,13	0
86	OHX	1	4033	7/7	0.96	0.23	96,96,96,96	0
85	MG	1	3576	1/1	0.96	0.20	21,21,21,21	0
86	OHX	1	4035	7/7	0.96	0.10	139,139,139,139	0
85	MG	5	3523	1/1	0.96	0.36	31,31,31,31	0
85	MG	5	3750	1/1	0.96	0.20	38,38,38,38	0
86	OHX	1	4038	7/7	0.96	0.23	113,113,113,113	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3887	1/1	0.96	0.10	112,112,112,112	0
85	MG	1	3807	1/1	0.96	0.15	30,30,30,30	0
86	OHX	1	4042	7/7	0.96	0.14	109,109,109,109	0
86	OHX	5	3933	7/7	0.96	0.12	86,86,86,86	0
85	MG	M3	203	1/1	0.96	0.17	18,18,18,18	0
86	OHX	5	3956	7/7	0.96	0.11	91,91,91,91	0
86	OHX	5	3959	7/7	0.96	0.09	101,101,101,101	0
86	OHX	5	3960	7/7	0.96	0.20	107,107,107,107	0
86	OHX	5	3962	7/7	0.96	0.12	101,101,101,101	0
86	OHX	5	3965	7/7	0.96	0.18	89,89,89,89	0
85	MG	6	1942	1/1	0.96	0.18	27,27,27,27	0
85	MG	5	3527	1/1	0.96	0.22	15,15,15,15	0
85	MG	5	3757	1/1	0.96	0.09	41,41,41,41	0
86	OHX	5	3973	7/7	0.96	0.18	108,108,108,108	0
85	MG	M5	301	1/1	0.96	0.15	25,25,25,25	0
86	OHX	5	3981	7/7	0.96	0.09	119,119,119,119	0
86	OHX	5	3985	7/7	0.96	0.17	103,103,103,103	0
86	OHX	1	4048	7/7	0.96	0.22	106,106,106,106	0
85	MG	1	3639	1/1	0.96	0.14	26,26,26,26	0
85	MG	6	2015	1/1	0.96	0.14	67,67,67,67	0
86	OHX	5	3989	7/7	0.96	0.25	97,97,97,97	0
86	OHX	3	216	7/7	0.96	0.16	116,116,116,116	0
85	MG	1	3488	1/1	0.96	0.12	37,37,37,37	0
86	OHX	5	3995	7/7	0.96	0.28	75,75,75,75	0
86	OHX	5	3996	7/7	0.96	0.11	104,104,104,104	0
86	OHX	3	220	7/7	0.96	0.10	118,118,118,118	0
85	MG	1	3508	1/1	0.96	0.29	10,10,10,10	0
86	OHX	5	4005	7/7	0.96	0.25	110,110,110,110	0
86	OHX	5	4006	7/7	0.96	0.09	144,144,144,144	0
86	OHX	5	4008	7/7	0.96	0.23	107,107,107,107	0
86	OHX	1	4053	7/7	0.96	0.08	144,144,144,144	0
85	MG	5	3646	1/1	0.96	0.07	33,33,33,33	0
85	MG	5	3647	1/1	0.96	0.07	15,15,15,15	0
86	OHX	5	4016	7/7	0.96	0.17	113,113,113,113	0
86	OHX	5	4017	7/7	0.96	0.20	107,107,107,107	0
85	MG	1	3534	1/1	0.96	0.30	15,15,15,15	0
85	MG	2	1965	1/1	0.96	0.28	36,36,36,36	0
86	OHX	4	228	7/7	0.96	0.10	113,113,113,113	0
86	OHX	4	229	7/7	0.96	0.12	118,118,118,118	0
85	MG	5	3769	1/1	0.96	0.13	23,23,23,23	0
85	MG	5	3440	1/1	0.96	0.30	27,27,27,27	0
85	MG	1	3761	1/1	0.96	0.28	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	OHX	4	233	7/7	0.96	0.08	137,137,137,137	0
85	MG	1	3763	1/1	0.96	0.05	26,26,26,26	0
85	MG	1	3818	1/1	0.96	0.22	46,46,46,46	0
85	MG	1	3677	1/1	0.96	0.17	32,32,32,32	0
86	OHX	5	4033	7/7	0.96	0.24	92,92,92,92	0
86	OHX	7	223	7/7	0.96	0.16	104,104,104,104	0
85	MG	6	2024	1/1	0.96	0.07	69,69,69,69	0
85	MG	5	3543	1/1	0.96	0.17	24,24,24,24	0
85	MG	3	205	1/1	0.96	0.24	22,22,22,22	0
85	MG	1	3716	1/1	0.96	0.08	29,29,29,29	0
86	OHX	5	4038	7/7	0.96	0.24	105,105,105,105	0
85	MG	6	1957	1/1	0.96	0.35	33,33,33,33	0
85	MG	5	3784	1/1	0.96	0.19	43,43,43,43	0
85	MG	8	203	1/1	0.96	0.29	28,28,28,28	0
86	OHX	5	4044	7/7	0.96	0.09	125,125,125,125	0
85	MG	5	3450	1/1	0.96	0.21	21,21,21,21	0
85	MG	1	3449	1/1	0.96	0.26	32,32,32,32	0
85	MG	1	3537	1/1	0.96	0.39	22,22,22,22	0
85	MG	5	3453	1/1	0.96	0.17	34,34,34,34	0
85	MG	1	3823	1/1	0.96	0.08	37,37,37,37	0
85	MG	5	3455	1/1	0.96	0.20	16,16,16,16	0
86	OHX	5	4053	7/7	0.96	0.19	111,111,111,111	0
85	MG	5	3456	1/1	0.96	0.17	28,28,28,28	0
85	MG	1	3511	1/1	0.96	0.27	31,31,31,31	0
86	OHX	O7	104	7/7	0.96	0.19	97,97,97,97	0
85	MG	6	1962	1/1	0.96	0.25	36,36,36,36	0
85	MG	5	3674	1/1	0.96	0.08	28,28,28,28	0
86	OHX	5	4059	7/7	0.96	0.18	112,112,112,112	0
86	OHX	5	4061	7/7	0.96	0.11	118,118,118,118	0
85	MG	N8	203	1/1	0.96	0.17	34,34,34,34	0
86	OHX	m0	301	7/7	0.96	0.10	120,120,120,120	0
85	MG	1	3769	1/1	0.96	0.14	58,58,58,58	0
86	OHX	6	2072	7/7	0.96	0.08	151,151,151,151	0
85	MG	O2	201	1/1	0.96	0.07	19,19,19,19	0
86	OHX	5	4066	7/7	0.96	0.21	113,113,113,113	0
86	OHX	6	2079	7/7	0.96	0.17	105,105,105,105	0
85	MG	O4	201	1/1	0.96	0.19	30,30,30,30	0
86	OHX	n3	204	7/7	0.96	0.17	111,111,111,111	0
85	MG	1	3491	1/1	0.96	0.16	20,20,20,20	0
86	OHX	5	4071	7/7	0.96	0.09	152,152,152,152	0
85	MG	1	3828	1/1	0.96	0.17	14,14,14,14	0
86	OHX	6	2088	7/7	0.96	0.20	114,114,114,114	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	4075	7/7	0.96	0.21	105,105,105,105	0
86	OHX	6	2089	7/7	0.96	0.20	111,111,111,111	0
86	OHX	6	2090	7/7	0.96	0.10	117,117,117,117	0
85	MG	1	3626	1/1	0.96	0.18	27,27,27,27	0
85	MG	L3	401	1/1	0.97	0.21	25,25,25,25	0
86	OHX	1	3957	7/7	0.97	0.21	78,78,78,78	0
86	OHX	1	3959	7/7	0.97	0.10	108,108,108,108	0
85	MG	1	3439	1/1	0.97	0.24	17,17,17,17	0
86	OHX	1	3962	7/7	0.97	0.14	94,94,94,94	0
85	MG	1	3730	1/1	0.97	0.12	55,55,55,55	0
85	MG	5	3435	1/1	0.97	0.28	24,24,24,24	0
86	OHX	1	3966	7/7	0.97	0.22	100,100,100,100	0
86	OHX	1	3967	7/7	0.97	0.10	117,117,117,117	0
86	OHX	2	2106	7/7	0.97	0.16	110,110,110,110	0
86	OHX	1	4101	7/7	0.97	0.20	113,113,113,113	0
85	MG	1	3762	1/1	0.97	0.24	29,29,29,29	0
85	MG	1	3676	1/1	0.97	0.14	32,32,32,32	0
85	MG	L7	301	1/1	0.97	0.14	23,23,23,23	0
85	MG	5	3493	1/1	0.97	0.06	33,33,33,33	0
85	MG	5	3763	1/1	0.97	0.14	21,21,21,21	0
85	MG	5	3439	1/1	0.97	0.19	22,22,22,22	0
85	MG	1	3702	1/1	0.97	0.28	29,29,29,29	0
86	OHX	1	3979	7/7	0.97	0.11	100,100,100,100	0
85	MG	1	3412	1/1	0.97	0.21	16,16,16,16	0
85	MG	1	3799	1/1	0.97	0.13	87,87,87,87	0
85	MG	1	3800	1/1	0.97	0.06	44,44,44,44	0
85	MG	5	3859	1/1	0.97	0.07	34,34,34,34	0
86	OHX	1	3986	7/7	0.97	0.16	109,109,109,109	0
85	MG	1	3441	1/1	0.97	0.19	32,32,32,32	0
86	OHX	5	3942	7/7	0.97	0.10	98,98,98,98	0
86	OHX	5	3945	7/7	0.97	0.09	99,99,99,99	0
86	OHX	6	2060	7/7	0.97	0.10	90,90,90,90	0
86	OHX	5	3953	7/7	0.97	0.10	74,74,74,74	0
86	OHX	1	3988	7/7	0.97	0.17	95,95,95,95	0
86	OHX	6	2063	7/7	0.97	0.10	109,109,109,109	0
85	MG	1	3407	1/1	0.97	0.25	29,29,29,29	0
86	OHX	6	2069	7/7	0.97	0.10	98,98,98,98	0
86	OHX	5	3964	7/7	0.97	0.19	100,100,100,100	0
85	MG	1	3596	1/1	0.97	0.33	24,24,24,24	0
85	MG	1	3431	1/1	0.97	0.14	32,32,32,32	0
85	MG	1	3513	1/1	0.97	0.31	15,15,15,15	0
85	MG	1	3619	1/1	0.97	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	OHX	5	3970	7/7	0.97	0.10	93,93,93,93	0
86	OHX	6	2076	7/7	0.97	0.13	93,93,93,93	0
86	OHX	5	3976	7/7	0.97	0.19	98,98,98,98	0
86	OHX	6	2078	7/7	0.97	0.14	103,103,103,103	0
86	OHX	1	3994	7/7	0.97	0.16	93,93,93,93	0
86	OHX	6	2080	7/7	0.97	0.12	107,107,107,107	0
86	OHX	6	2081	7/7	0.97	0.08	119,119,119,119	0
86	OHX	6	2082	7/7	0.97	0.10	115,115,115,115	0
85	MG	1	3847	1/1	0.97	0.20	35,35,35,35	0
85	MG	1	3581	1/1	0.97	0.20	20,20,20,20	0
85	MG	1	3662	1/1	0.97	0.06	42,42,42,42	0
86	OHX	5	3993	7/7	0.97	0.11	104,104,104,104	0
86	OHX	6	2087	7/7	0.97	0.08	124,124,124,124	0
86	OHX	1	3998	7/7	0.97	0.21	89,89,89,89	0
85	MG	1	3425	1/1	0.97	0.15	17,17,17,17	0
86	OHX	5	3997	7/7	0.97	0.17	104,104,104,104	0
86	OHX	5	3998	7/7	0.97	0.19	101,101,101,101	0
85	MG	5	3870	1/1	0.97	0.27	42,42,42,42	0
86	OHX	1	4001	7/7	0.97	0.13	114,114,114,114	0
85	MG	1	3433	1/1	0.97	0.08	26,26,26,26	0
85	MG	1	3642	1/1	0.97	0.28	31,31,31,31	0
86	OHX	5	4007	7/7	0.97	0.17	93,93,93,93	0
86	OHX	6	2094	7/7	0.97	0.07	127,127,127,127	0
86	OHX	5	4009	7/7	0.97	0.15	99,99,99,99	0
85	MG	4	207	1/1	0.97	0.24	22,22,22,22	0
86	OHX	5	4011	7/7	0.97	0.08	121,121,121,121	0
86	OHX	5	4012	7/7	0.97	0.19	98,98,98,98	0
85	MG	5	3640	1/1	0.97	0.13	25,25,25,25	0
86	OHX	1	4006	7/7	0.97	0.17	105,105,105,105	0
86	OHX	5	4015	7/7	0.97	0.12	109,109,109,109	0
85	MG	1	3434	1/1	0.97	0.06	36,36,36,36	0
85	MG	1	3816	1/1	0.97	0.09	30,30,30,30	0
85	MG	1	3718	1/1	0.97	0.07	28,28,28,28	0
85	MG	5	3577	1/1	0.97	0.42	25,25,25,25	0
85	MG	1	3435	1/1	0.97	0.17	29,29,29,29	0
86	OHX	5	4192	7/7	0.97	0.18	88,88,88,88	0
85	MG	5	3579	1/1	0.97	0.20	17,17,17,17	0
85	MG	q0	202	1/1	0.97	0.06	36,36,36,36	0
85	MG	5	3408	1/1	0.97	0.14	21,21,21,21	0
86	OHX	6	2106	7/7	0.97	0.20	111,111,111,111	0
85	MG	1	3410	1/1	0.97	0.20	16,16,16,16	0
85	MG	5	3519	1/1	0.97	0.19	14,14,14,14	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2028	7/7	0.97	0.11	103,103,103,103	0
86	OHX	6	2110	7/7	0.97	0.13	117,117,117,117	0
86	OHX	2	2036	7/7	0.97	0.12	126,126,126,126	0
85	MG	5	3650	1/1	0.97	0.17	21,21,21,21	0
86	OHX	1	4020	7/7	0.97	0.16	110,110,110,110	0
85	MG	2	2014	1/1	0.97	0.41	53,53,53,53	0
86	OHX	1	4150	7/7	0.97	0.15	117,117,117,117	0
86	OHX	2	2045	7/7	0.97	0.12	120,120,120,120	0
86	OHX	2	2048	7/7	0.97	0.09	119,119,119,119	0
86	OHX	5	4040	7/7	0.97	0.25	100,100,100,100	0
86	OHX	2	2049	7/7	0.97	0.11	114,114,114,114	0
86	OHX	5	4210	7/7	0.97	0.23	98,98,98,98	0
85	MG	1	3751	1/1	0.97	0.19	45,45,45,45	0
86	OHX	5	4043	7/7	0.97	0.18	103,103,103,103	0
85	MG	5	3466	1/1	0.97	0.12	22,22,22,22	0
85	MG	1	3752	1/1	0.97	0.07	28,28,28,28	0
85	MG	1	3608	1/1	0.97	0.10	32,32,32,32	0
86	OHX	5	4047	7/7	0.97	0.15	96,96,96,96	0
85	MG	5	3656	1/1	0.97	0.20	39,39,39,39	0
85	MG	1	3785	1/1	0.97	0.18	29,29,29,29	0
85	MG	5	3805	1/1	0.97	0.06	27,27,27,27	0
85	MG	5	3658	1/1	0.97	0.09	28,28,28,28	0
86	OHX	2	2058	7/7	0.97	0.12	114,114,114,114	0
86	OHX	2	2060	7/7	0.97	0.08	122,122,122,122	0
85	MG	6	1985	1/1	0.97	0.10	32,32,32,32	0
85	MG	1	3825	1/1	0.97	0.12	49,49,49,49	0
86	OHX	2	2063	7/7	0.97	0.21	117,117,117,117	0
86	OHX	1	4039	7/7	0.97	0.09	123,123,123,123	0
85	MG	4	219	1/1	0.97	0.13	50,50,50,50	0
86	OHX	5	4060	7/7	0.97	0.17	112,112,112,112	0
86	OHX	2	2065	7/7	0.97	0.10	125,125,125,125	0
86	OHX	1	4171	7/7	0.97	0.20	96,96,96,96	0
85	MG	5	3662	1/1	0.97	0.48	49,49,49,49	0
85	MG	5	3813	1/1	0.97	0.19	53,53,53,53	0
85	MG	5	3474	1/1	0.97	0.27	35,35,35,35	0
85	MG	5	3664	1/1	0.97	0.19	36,36,36,36	0
85	MG	5	3530	1/1	0.97	0.25	11,11,11,11	0
86	OHX	5	4068	7/7	0.97	0.19	113,113,113,113	0
85	MG	5	3817	1/1	0.97	0.14	57,57,57,57	0
85	MG	O7	102	1/1	0.97	0.11	27,27,27,27	0
85	MG	5	3819	1/1	0.97	0.17	22,22,22,22	0
86	OHX	5	4072	7/7	0.97	0.22	94,94,94,94	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	5	3820	1/1	0.97	0.15	25,25,25,25	0
85	MG	5	3821	1/1	0.97	0.17	22,22,22,22	0
85	MG	5	3476	1/1	0.97	0.36	28,28,28,28	0
85	MG	1	3416	1/1	0.97	0.06	41,41,41,41	0
86	OHX	7	218	7/7	0.97	0.17	93,93,93,93	0
86	OHX	7	219	7/7	0.97	0.09	95,95,95,95	0
86	OHX	7	221	7/7	0.97	0.18	99,99,99,99	0
85	MG	7	212	1/1	0.97	0.12	58,58,58,58	0
85	MG	1	3506	1/1	0.97	0.29	26,26,26,26	0
86	OHX	2	2082	7/7	0.97	0.08	124,124,124,124	0
85	MG	7	214	1/1	0.97	0.03	27,27,27,27	0
85	MG	6	1945	1/1	0.97	0.37	34,34,34,34	0
86	OHX	6	2153	7/7	0.97	0.16	110,110,110,110	0
86	OHX	C8	201	7/7	0.97	0.08	114,114,114,114	0
85	MG	5	3424	1/1	0.97	0.20	21,21,21,21	0
86	OHX	8	221	7/7	0.97	0.09	114,114,114,114	0
85	MG	5	3602	1/1	0.97	0.20	26,26,26,26	0
86	OHX	6	2157	7/7	0.97	0.16	105,105,105,105	0
86	OHX	1	3894	7/7	0.97	0.12	67,67,67,67	0
86	OHX	1	3908	7/7	0.97	0.13	82,82,82,82	0
86	OHX	1	3909	7/7	0.97	0.13	96,96,96,96	0
86	OHX	1	3915	7/7	0.97	0.10	89,89,89,89	0
85	MG	4	222	1/1	0.97	0.14	28,28,28,28	0
86	OHX	1	3919	7/7	0.97	0.16	99,99,99,99	0
86	OHX	2	2088	7/7	0.97	0.17	108,108,108,108	0
86	OHX	1	3922	7/7	0.97	0.10	85,85,85,85	0
86	OHX	l3	404	7/7	0.97	0.15	98,98,98,98	0
86	OHX	1	3924	7/7	0.97	0.10	110,110,110,110	0
85	MG	5	3829	1/1	0.97	0.17	27,27,27,27	0
86	OHX	1	3927	7/7	0.97	0.12	98,98,98,98	0
85	MG	1	3465	1/1	0.97	0.20	42,42,42,42	0
85	MG	5	3745	1/1	0.97	0.23	38,38,38,38	0
85	MG	1	3674	1/1	0.97	0.08	62,62,62,62	0
86	OHX	2	2093	7/7	0.97	0.07	143,143,143,143	0
85	MG	1	3728	1/1	0.97	0.09	25,25,25,25	0
86	OHX	1	3939	7/7	0.97	0.13	99,99,99,99	0
85	MG	1	3759	1/1	0.97	0.12	18,18,18,18	0
86	OHX	1	3942	7/7	0.97	0.10	96,96,96,96	0
86	OHX	1	3943	7/7	0.97	0.13	93,93,93,93	0
86	OHX	3	215	7/7	0.97	0.09	94,94,94,94	0
85	MG	5	3749	1/1	0.97	0.23	21,21,21,21	0
86	OHX	1	3945	7/7	0.97	0.13	89,89,89,89	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3946	7/7	0.97	0.16	113,113,113,113	0
86	OHX	o3	202	7/7	0.97	0.22	105,105,105,105	0
86	OHX	o7	502	7/7	0.97	0.16	104,104,104,104	0
86	OHX	1	3947	7/7	0.97	0.14	111,111,111,111	0
85	MG	5	3609	1/1	0.97	0.14	24,24,24,24	0
86	OHX	2	2098	7/7	0.97	0.16	113,113,113,113	0
85	MG	5	3610	1/1	0.97	0.16	34,34,34,34	0
85	MG	5	3752	1/1	0.97	0.16	42,42,42,42	0
85	MG	5	3611	1/1	0.97	0.08	25,25,25,25	0
86	OHX	4	227	7/7	0.97	0.20	100,100,100,100	0
88	3L2	5	4246	36/36	0.97	0.08	20,20,20,20	0
86	OHX	1	3953	7/7	0.98	0.10	91,91,91,91	0
85	MG	1	3423	1/1	0.98	0.27	28,28,28,28	0
86	OHX	1	3955	7/7	0.98	0.13	104,104,104,104	0
85	MG	1	3701	1/1	0.98	0.07	34,34,34,34	0
85	MG	n8	205	1/1	0.98	0.08	27,27,27,27	0
85	MG	5	3580	1/1	0.98	0.29	23,23,23,23	0
85	MG	5	3547	1/1	0.98	0.27	40,40,40,40	0
85	MG	5	3412	1/1	0.98	0.15	20,20,20,20	0
85	MG	1	3832	1/1	0.98	0.25	17,17,17,17	0
85	MG	4	223	1/1	0.98	0.20	34,34,34,34	0
86	OHX	5	4018	7/7	0.98	0.09	112,112,112,112	0
86	OHX	L3	404	7/7	0.98	0.14	109,109,109,109	0
85	MG	1	3747	1/1	0.98	0.15	30,30,30,30	0
85	MG	1	3538	1/1	0.98	0.12	30,30,30,30	0
86	OHX	5	4022	7/7	0.98	0.12	81,81,81,81	0
85	MG	5	3779	1/1	0.98	0.19	49,49,49,49	0
86	OHX	5	4167	7/7	0.98	0.21	91,91,91,91	0
86	OHX	1	3969	7/7	0.98	0.11	106,106,106,106	0
85	MG	1	3703	1/1	0.98	0.26	32,32,32,32	0
86	OHX	2	2024	7/7	0.98	0.13	80,80,80,80	0
86	OHX	5	4027	7/7	0.98	0.17	99,99,99,99	0
86	OHX	5	4028	7/7	0.98	0.08	103,103,103,103	0
86	OHX	2	2027	7/7	0.98	0.09	92,92,92,92	0
86	OHX	1	4154	7/7	0.98	0.14	98,98,98,98	0
85	MG	1	3485	1/1	0.98	0.30	26,26,26,26	0
86	OHX	1	3974	7/7	0.98	0.10	103,103,103,103	0
86	OHX	Q2	503	7/7	0.98	0.12	75,75,75,75	0
86	OHX	6	2049	7/7	0.98	0.11	72,72,72,72	0
86	OHX	6	2052	7/7	0.98	0.12	73,73,73,73	0
86	OHX	6	2053	7/7	0.98	0.12	85,85,85,85	0
86	OHX	6	2056	7/7	0.98	0.08	90,90,90,90	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	6	2057	7/7	0.98	0.10	90,90,90,90	0
86	OHX	1	3975	7/7	0.98	0.12	97,97,97,97	0
86	OHX	2	2030	7/7	0.98	0.11	103,103,103,103	0
86	OHX	2	2032	7/7	0.98	0.10	105,105,105,105	0
86	OHX	2	2033	7/7	0.98	0.11	94,94,94,94	0
86	OHX	6	2065	7/7	0.98	0.12	88,88,88,88	0
86	OHX	6	2066	7/7	0.98	0.17	100,100,100,100	0
86	OHX	6	2067	7/7	0.98	0.08	96,96,96,96	0
86	OHX	6	2068	7/7	0.98	0.16	92,92,92,92	0
86	OHX	2	2034	7/7	0.98	0.12	94,94,94,94	0
86	OHX	1	3981	7/7	0.98	0.09	110,110,110,110	0
85	MG	5	3471	1/1	0.98	0.23	32,32,32,32	0
86	OHX	2	2037	7/7	0.98	0.08	97,97,97,97	0
86	OHX	6	2074	7/7	0.98	0.12	110,110,110,110	0
86	OHX	2	2038	7/7	0.98	0.09	93,93,93,93	0
85	MG	8	209	1/1	0.98	0.14	34,34,34,34	0
86	OHX	6	2077	7/7	0.98	0.10	100,100,100,100	0
85	MG	5	3783	1/1	0.98	0.07	30,30,30,30	0
86	OHX	2	2043	7/7	0.98	0.10	100,100,100,100	0
86	OHX	2	2109	7/7	0.98	0.06	120,120,120,120	0
86	OHX	2	2044	7/7	0.98	0.10	99,99,99,99	0
85	MG	5	3556	1/1	0.98	0.27	16,16,16,16	0
86	OHX	2	2046	7/7	0.98	0.06	124,124,124,124	0
86	OHX	2	2047	7/7	0.98	0.10	115,115,115,115	0
86	OHX	6	2085	7/7	0.98	0.16	101,101,101,101	0
85	MG	5	3626	1/1	0.98	0.16	42,42,42,42	0
85	MG	5	3830	1/1	0.98	0.07	54,54,54,54	0
85	MG	1	3446	1/1	0.98	0.25	22,22,22,22	0
85	MG	5	3628	1/1	0.98	0.14	26,26,26,26	0
85	MG	5	3446	1/1	0.98	0.07	23,23,23,23	0
85	MG	5	3834	1/1	0.98	0.08	57,57,57,57	0
85	MG	5	3835	1/1	0.98	0.07	24,24,24,24	0
86	OHX	1	3867	7/7	0.98	0.14	50,50,50,50	0
86	OHX	1	3888	7/7	0.98	0.12	72,72,72,72	0
86	OHX	1	3893	7/7	0.98	0.09	74,74,74,74	0
86	OHX	s1	302	7/7	0.98	0.10	81,81,81,81	0
85	MG	3	204	1/1	0.98	0.32	43,43,43,43	0
86	OHX	1	3895	7/7	0.98	0.10	70,70,70,70	0
86	OHX	1	3896	7/7	0.98	0.08	78,78,78,78	0
86	OHX	1	3897	7/7	0.98	0.10	89,89,89,89	0
86	OHX	1	3898	7/7	0.98	0.08	83,83,83,83	0
86	OHX	1	3901	7/7	0.98	0.08	79,79,79,79	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3902	7/7	0.98	0.09	81,81,81,81	0
86	OHX	1	3906	7/7	0.98	0.10	86,86,86,86	0
85	MG	1	3466	1/1	0.98	0.12	36,36,36,36	0
85	MG	5	3561	1/1	0.98	0.30	14,14,14,14	0
86	OHX	5	3894	7/7	0.98	0.09	65,65,65,65	0
86	OHX	5	3919	7/7	0.98	0.11	66,66,66,66	0
86	OHX	5	3922	7/7	0.98	0.12	79,79,79,79	0
86	OHX	5	3925	7/7	0.98	0.12	84,84,84,84	0
86	OHX	5	3927	7/7	0.98	0.10	80,80,80,80	0
86	OHX	5	3930	7/7	0.98	0.11	78,78,78,78	0
86	OHX	5	3932	7/7	0.98	0.09	82,82,82,82	0
86	OHX	1	3913	7/7	0.98	0.09	102,102,102,102	0
86	OHX	5	4236	7/7	0.98	0.15	86,86,86,86	0
86	OHX	5	3934	7/7	0.98	0.08	83,83,83,83	0
86	OHX	5	3935	7/7	0.98	0.14	88,88,88,88	0
86	OHX	5	3937	7/7	0.98	0.10	84,84,84,84	0
86	OHX	5	3939	7/7	0.98	0.08	67,67,67,67	0
86	OHX	5	3940	7/7	0.98	0.09	87,87,87,87	0
86	OHX	1	3914	7/7	0.98	0.11	90,90,90,90	0
86	OHX	5	3944	7/7	0.98	0.13	97,97,97,97	0
85	MG	5	3562	1/1	0.98	0.34	19,19,19,19	0
86	OHX	1	3916	7/7	0.98	0.07	98,98,98,98	0
86	OHX	7	217	7/7	0.98	0.09	87,87,87,87	0
86	OHX	5	3948	7/7	0.98	0.10	91,91,91,91	0
86	OHX	5	3949	7/7	0.98	0.08	87,87,87,87	0
86	OHX	5	3951	7/7	0.98	0.12	87,87,87,87	0
86	OHX	7	222	7/7	0.98	0.13	104,104,104,104	0
85	MG	14	402	1/1	0.98	0.14	33,33,33,33	0
86	OHX	5	3954	7/7	0.98	0.11	91,91,91,91	0
85	MG	5	3531	1/1	0.98	0.23	27,27,27,27	0
86	OHX	5	3957	7/7	0.98	0.14	85,85,85,85	0
86	OHX	1	3920	7/7	0.98	0.08	93,93,93,93	0
85	MG	1	3722	1/1	0.98	0.15	51,51,51,51	0
86	OHX	8	218	7/7	0.98	0.09	113,113,113,113	0
86	OHX	5	3961	7/7	0.98	0.08	90,90,90,90	0
85	MG	1	3586	1/1	0.98	0.30	14,14,14,14	0
86	OHX	5	3963	7/7	0.98	0.07	103,103,103,103	0
86	OHX	1	3923	7/7	0.98	0.11	84,84,84,84	0
85	MG	1	3682	1/1	0.98	0.09	29,29,29,29	0
86	OHX	1	3925	7/7	0.98	0.10	81,81,81,81	0
85	MG	L7	302	1/1	0.98	0.04	26,26,26,26	0
85	MG	5	3427	1/1	0.98	0.31	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	OHX	5	3969	7/7	0.98	0.09	99,99,99,99	0
85	MG	1	3542	1/1	0.98	0.21	18,18,18,18	0
86	OHX	5	3972	7/7	0.98	0.10	88,88,88,88	0
85	MG	5	3677	1/1	0.98	0.21	35,35,35,35	0
86	OHX	5	3974	7/7	0.98	0.12	86,86,86,86	0
86	OHX	2	2069	7/7	0.98	0.07	119,119,119,119	0
86	OHX	1	4030	7/7	0.98	0.17	95,95,95,95	0
86	OHX	5	3978	7/7	0.98	0.14	81,81,81,81	0
86	OHX	5	3979	7/7	0.98	0.14	83,83,83,83	0
86	OHX	5	3980	7/7	0.98	0.12	96,96,96,96	0
85	MG	5	3678	1/1	0.98	0.10	25,25,25,25	0
86	OHX	5	3983	7/7	0.98	0.12	93,93,93,93	0
86	OHX	1	3937	7/7	0.98	0.08	108,108,108,108	0
86	OHX	3	217	7/7	0.98	0.10	106,106,106,106	0
86	OHX	3	218	7/7	0.98	0.15	95,95,95,95	0
85	MG	1	3661	1/1	0.98	0.19	27,27,27,27	0
85	MG	5	3606	1/1	0.98	0.20	36,36,36,36	0
86	OHX	5	3990	7/7	0.98	0.07	116,116,116,116	0
86	OHX	m6	202	7/7	0.98	0.12	96,96,96,96	0
85	MG	6	1956	1/1	0.98	0.32	34,34,34,34	0
86	OHX	1	3941	7/7	0.98	0.17	89,89,89,89	0
86	OHX	n3	203	7/7	0.98	0.17	103,103,103,103	0
85	MG	5	3682	1/1	0.98	0.16	34,34,34,34	0
85	MG	1	3809	1/1	0.98	0.05	40,40,40,40	0
86	OHX	o2	201	7/7	0.98	0.19	92,92,92,92	0
85	MG	1	3568	1/1	0.98	0.28	15,15,15,15	0
86	OHX	2	2077	7/7	0.98	0.15	119,119,119,119	0
85	MG	5	3856	1/1	0.98	0.13	26,26,26,26	0
85	MG	1	3529	1/1	0.98	0.30	21,21,21,21	0
86	OHX	5	4000	7/7	0.98	0.10	115,115,115,115	0
86	OHX	5	4003	7/7	0.98	0.10	100,100,100,100	0
85	MG	5	3809	1/1	0.98	0.21	29,29,29,29	0
85	MG	5	3765	1/1	0.98	0.07	45,45,45,45	0
85	MG	5	3434	1/1	0.98	0.15	21,21,21,21	0
85	MG	1	3463	1/1	0.98	0.11	27,27,27,27	0
86	OHX	5	4049	7/7	0.99	0.11	98,98,98,98	0
86	OHX	5	3924	7/7	0.99	0.07	69,69,69,69	0
86	OHX	6	2055	7/7	0.99	0.08	86,86,86,86	0
86	OHX	5	3926	7/7	0.99	0.07	68,68,68,68	0
85	MG	1	3601	1/1	0.99	0.10	26,26,26,26	0
86	OHX	5	3928	7/7	0.99	0.06	74,74,74,74	0
86	OHX	5	3929	7/7	0.99	0.06	68,68,68,68	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	2	2022	7/7	0.99	0.10	63,63,63,63	0
86	OHX	5	3931	7/7	0.99	0.09	69,69,69,69	0
86	OHX	6	2058	7/7	0.99	0.06	84,84,84,84	0
86	OHX	6	2059	7/7	0.99	0.06	83,83,83,83	0
86	OHX	1	3917	7/7	0.99	0.08	87,87,87,87	0
86	OHX	6	2061	7/7	0.99	0.09	82,82,82,82	0
86	OHX	5	3936	7/7	0.99	0.08	85,85,85,85	0
86	OHX	2	2023	7/7	0.99	0.09	73,73,73,73	0
86	OHX	5	3938	7/7	0.99	0.07	79,79,79,79	0
85	MG	m7	205	1/1	0.99	0.07	24,24,24,24	0
86	OHX	2	2025	7/7	0.99	0.08	83,83,83,83	0
86	OHX	5	3941	7/7	0.99	0.08	83,83,83,83	0
85	MG	5	3583	1/1	0.99	0.31	18,18,18,18	0
86	OHX	5	3943	7/7	0.99	0.07	78,78,78,78	0
85	MG	1	3597	1/1	0.99	0.37	11,11,11,11	0
86	OHX	2	2029	7/7	0.99	0.09	86,86,86,86	0
86	OHX	2	2059	7/7	0.99	0.13	99,99,99,99	0
86	OHX	5	3947	7/7	0.99	0.06	89,89,89,89	0
85	MG	1	3801	1/1	0.99	0.07	50,50,50,50	0
86	OHX	2	2031	7/7	0.99	0.07	96,96,96,96	0
86	OHX	5	3950	7/7	0.99	0.10	83,83,83,83	0
85	MG	5	3511	1/1	0.99	0.29	15,15,15,15	0
86	OHX	5	3952	7/7	0.99	0.06	65,65,65,65	0
86	OHX	1	3928	7/7	0.99	0.07	85,85,85,85	0
86	OHX	6	2073	7/7	0.99	0.10	84,84,84,84	0
86	OHX	5	3955	7/7	0.99	0.06	88,88,88,88	0
86	OHX	1	3929	7/7	0.99	0.08	89,89,89,89	0
85	MG	1	3520	1/1	0.99	0.03	23,23,23,23	0
86	OHX	5	3958	7/7	0.99	0.10	89,89,89,89	0
86	OHX	1	3931	7/7	0.99	0.08	95,95,95,95	0
86	OHX	1	3932	7/7	0.99	0.08	81,81,81,81	0
85	MG	5	3771	1/1	0.99	0.04	20,20,20,20	0
86	OHX	1	3934	7/7	0.99	0.07	91,91,91,91	0
86	OHX	2	2035	7/7	0.99	0.07	86,86,86,86	0
86	OHX	1	3865	7/7	0.99	0.07	56,56,56,56	0
85	MG	5	3756	1/1	0.99	0.05	34,34,34,34	0
86	OHX	1	3868	7/7	0.99	0.07	40,40,40,40	0
86	OHX	1	3869	7/7	0.99	0.10	48,48,48,48	0
86	OHX	1	3870	7/7	0.99	0.08	60,60,60,60	0
86	OHX	1	3871	7/7	0.99	0.08	56,56,56,56	0
86	OHX	1	3872	7/7	0.99	0.07	58,58,58,58	0
86	OHX	5	3971	7/7	0.99	0.12	79,79,79,79	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	1	3874	7/7	0.99	0.06	56,56,56,56	0
86	OHX	1	3877	7/7	0.99	0.07	56,56,56,56	0
86	OHX	1	3878	7/7	0.99	0.09	59,59,59,59	0
86	OHX	5	3975	7/7	0.99	0.15	88,88,88,88	0
86	OHX	1	3880	7/7	0.99	0.08	52,52,52,52	0
86	OHX	1	3881	7/7	0.99	0.11	59,59,59,59	0
86	OHX	1	3883	7/7	0.99	0.05	66,66,66,66	0
86	OHX	1	3884	7/7	0.99	0.06	62,62,62,62	0
86	OHX	1	3950	7/7	0.99	0.06	91,91,91,91	0
86	OHX	1	3885	7/7	0.99	0.10	56,56,56,56	0
86	OHX	5	3982	7/7	0.99	0.07	76,76,76,76	0
86	OHX	1	3886	7/7	0.99	0.09	70,70,70,70	0
86	OHX	5	3984	7/7	0.99	0.11	91,91,91,91	0
85	MG	5	3413	1/1	0.99	0.24	31,31,31,31	0
86	OHX	1	3889	7/7	0.99	0.06	61,61,61,61	0
86	OHX	1	3891	7/7	0.99	0.07	66,66,66,66	0
86	OHX	1	3892	7/7	0.99	0.07	69,69,69,69	0
85	MG	1	3794	1/1	0.99	0.07	18,18,18,18	0
86	OHX	1	3958	7/7	0.99	0.11	103,103,103,103	0
86	OHX	5	3991	7/7	0.99	0.09	104,104,104,104	0
85	MG	5	3845	1/1	0.99	0.06	42,42,42,42	0
86	OHX	1	3960	7/7	0.99	0.09	94,94,94,94	0
86	OHX	2	2040	7/7	0.99	0.06	92,92,92,92	0
86	OHX	2	2041	7/7	0.99	0.10	101,101,101,101	0
86	OHX	1	3963	7/7	0.99	0.09	66,66,66,66	0
86	OHX	7	220	7/7	0.99	0.14	86,86,86,86	0
85	MG	5	3775	1/1	0.99	0.13	40,40,40,40	0
85	MG	1	3710	1/1	0.99	0.28	22,22,22,22	0
86	OHX	1	3899	7/7	0.99	0.06	62,62,62,62	0
86	OHX	1	3900	7/7	0.99	0.07	78,78,78,78	0
86	OHX	5	4001	7/7	0.99	0.07	63,63,63,63	0
86	OHX	5	4002	7/7	0.99	0.15	94,94,94,94	0
85	MG	5	3811	1/1	0.99	0.11	25,25,25,25	0
85	MG	5	3564	1/1	0.99	0.09	16,16,16,16	0
86	OHX	8	217	7/7	0.99	0.07	47,47,47,47	0
86	OHX	1	3903	7/7	0.99	0.09	83,83,83,83	0
86	OHX	1	3904	7/7	0.99	0.06	87,87,87,87	0
86	OHX	1	3905	7/7	0.99	0.07	81,81,81,81	0
85	MG	1	3644	1/1	0.99	0.12	16,16,16,16	0
86	OHX	1	3907	7/7	0.99	0.07	69,69,69,69	0
85	MG	m6	201	1/1	0.99	0.05	22,22,22,22	0
86	OHX	N9	101	7/7	0.99	0.08	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
85	MG	1	3574	1/1	0.99	0.28	13,13,13,13	0
86	OHX	1	3910	7/7	0.99	0.06	80,80,80,80	0
86	OHX	1	3911	7/7	0.99	0.07	78,78,78,78	0
86	OHX	1	3912	7/7	0.99	0.06	83,83,83,83	0
86	OHX	6	2045	7/7	0.99	0.09	48,48,48,48	0
86	OHX	6	2046	7/7	0.99	0.14	68,68,68,68	0
86	OHX	6	2047	7/7	0.99	0.10	58,58,58,58	0
86	OHX	6	2048	7/7	0.99	0.08	70,70,70,70	0
86	OHX	1	3980	7/7	0.99	0.11	75,75,75,75	0
86	OHX	6	2050	7/7	0.99	0.09	63,63,63,63	0
86	OHX	6	2051	7/7	0.99	0.10	74,74,74,74	0
86	OHX	5	3892	7/7	0.99	0.10	38,38,38,38	0
85	MG	1	3560	1/1	0.99	0.37	23,23,23,23	0
86	OHX	5	3896	7/7	0.99	0.09	47,47,47,47	0
86	OHX	5	3897	7/7	0.99	0.09	46,46,46,46	0
86	OHX	5	3898	7/7	0.99	0.09	47,47,47,47	0
86	OHX	5	3899	7/7	0.99	0.09	54,54,54,54	0
86	OHX	5	3900	7/7	0.99	0.09	50,50,50,50	0
86	OHX	5	3902	7/7	0.99	0.13	56,56,56,56	0
86	OHX	5	3904	7/7	0.99	0.06	51,51,51,51	0
86	OHX	5	3905	7/7	0.99	0.08	57,57,57,57	0
86	OHX	5	3907	7/7	0.99	0.07	50,50,50,50	0
86	OHX	5	3908	7/7	0.99	0.08	66,66,66,66	0
86	OHX	5	3909	7/7	0.99	0.05	58,58,58,58	0
86	OHX	5	3910	7/7	0.99	0.06	59,59,59,59	0
86	OHX	5	3911	7/7	0.99	0.06	69,69,69,69	0
86	OHX	n9	102	7/7	0.99	0.07	64,64,64,64	0
86	OHX	5	3912	7/7	0.99	0.06	57,57,57,57	0
86	OHX	5	3913	7/7	0.99	0.09	72,72,72,72	0
86	OHX	5	3915	7/7	0.99	0.07	66,66,66,66	0
86	OHX	5	3916	7/7	0.99	0.12	69,69,69,69	0
86	OHX	q2	502	7/7	0.99	0.11	76,76,76,76	0
86	OHX	5	3917	7/7	0.99	0.07	68,68,68,68	0
87	ZN	E1	501	1/1	0.99	0.05	118,118,118,118	0
86	OHX	5	3918	7/7	0.99	0.06	56,56,56,56	0
87	ZN	d6	101	1/1	0.99	0.03	50,50,50,50	0
85	MG	1	3808	1/1	0.99	0.04	24,24,24,24	0
87	ZN	d9	101	1/1	0.99	0.04	93,93,93,93	0
86	OHX	5	3920	7/7	0.99	0.05	76,76,76,76	0
86	OHX	5	3921	7/7	0.99	0.09	83,83,83,83	0
87	ZN	q3	501	1/1	0.99	0.02	50,50,50,50	0
86	OHX	6	2054	7/7	0.99	0.08	70,70,70,70	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
86	OHX	5	3923	7/7	0.99	0.06	60,60,60,60	0
86	OHX	1	3866	7/7	1.00	0.06	44,44,44,44	0
86	OHX	1	3887	7/7	1.00	0.06	67,67,67,67	0
86	OHX	1	3863	7/7	1.00	0.08	35,35,35,35	0
86	OHX	5	3893	7/7	1.00	0.10	35,35,35,35	0
86	OHX	1	3879	7/7	1.00	0.04	63,63,63,63	0
86	OHX	5	3895	7/7	1.00	0.05	50,50,50,50	0
86	OHX	5	3914	7/7	1.00	0.06	58,58,58,58	0
86	OHX	1	3890	7/7	1.00	0.05	61,61,61,61	0
86	OHX	8	216	7/7	1.00	0.06	49,49,49,49	0
87	ZN	D6	500	1/1	1.00	0.02	65,65,65,65	0
86	OHX	1	3864	7/7	1.00	0.08	39,39,39,39	0
87	ZN	D9	101	1/1	1.00	0.03	67,67,67,67	0
86	OHX	1	3873	7/7	1.00	0.06	47,47,47,47	0
87	ZN	O7	101	1/1	1.00	0.01	28,28,28,28	0
87	ZN	Q0	500	1/1	1.00	0.01	37,37,37,37	0
86	OHX	1	3882	7/7	1.00	0.05	58,58,58,58	0
87	ZN	Q3	501	1/1	1.00	0.03	49,49,49,49	0
86	OHX	4	226	7/7	1.00	0.06	44,44,44,44	0
86	OHX	5	3901	7/7	1.00	0.05	52,52,52,52	0
86	OHX	N1	201	7/7	1.00	0.05	58,58,58,58	0
86	OHX	5	3903	7/7	1.00	0.06	46,46,46,46	0
87	ZN	o7	501	1/1	1.00	0.01	36,36,36,36	0
87	ZN	q0	201	1/1	1.00	0.01	23,23,23,23	0
86	OHX	2	2026	7/7	1.00	0.06	69,69,69,69	0
86	OHX	1	3875	7/7	1.00	0.05	54,54,54,54	0
86	OHX	5	3906	7/7	1.00	0.06	60,60,60,60	0
86	OHX	1	3876	7/7	1.00	0.04	52,52,52,52	0

5.5 Other polymers

There are no such residues in this entry.