



Full wwPDB X-ray Structure Validation Report ⓘ

Mar 28, 2026 – 05:41 PM UTC

PDB ID : 4U3N / pdb_00004u3n
Title : Crystal structure of CCA trinucleotide bound to the yeast 80S ribosome
Authors : Garreau de Loubresse, N.; Prokhorova, I.; Yusupova, G.; Yusupov, M.
Deposited on : 2014-07-22
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
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

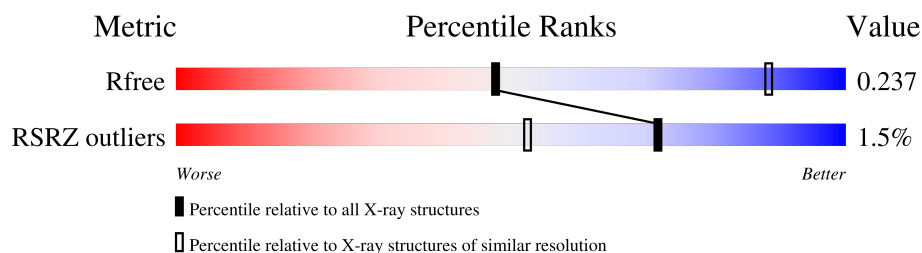
1 Overall quality at a glance

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
88	MG	1	3674	-	-	-	X
88	MG	6	1920	-	-	-	X

2 Entry composition

There are 90 unique types of molecules in this entry. The entry contains 411288 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			

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
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			

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

There are 4 discrepancies between the modelled and reference sequences:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Molecule 35 is a protein called Suppressor protein STM1.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
45	L8	233	Total	C	N	O	S	0	0	0
			1804	1151	323	327	3			
45	l8	231	Total	C	N	O	S	0	0	0
			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	l9	191	Total	C	N	O	S	0	0	0
			1518	963	274	277	4			

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Molecule 70 is a protein called Large ribosomal subunit protein eL34A.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Molecule 80 is a protein called 40S ribosomal protein S10-A.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
80	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	98	SER	THR	conflict	UNP Q08745

- Molecule 81 is a protein called 40S ribosomal protein S30-A.

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

- Molecule 82 is a protein called Ubiquitin-40S ribosomal protein S31.

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

There is a discrepancy between the modelled and reference sequences:

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

- Molecule 83 is a protein called UNKNOWN PROTEIN m2.

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

- Molecule 84 is a protein called Large ribosomal subunit protein uL10.

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

There is a discrepancy between the modelled and reference sequences:

Chain	Residue	Modelled	Actual	Comment	Reference
p0	286	ALA	GLY	conflict	UNP P05317

- Molecule 85 is a protein called UNKNOWN PROTEIN p1.

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

- Molecule 86 is a protein called UNKNOWN PROTEIN p2.

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

- Molecule 87 is a RNA chain called CCA trinucleotide.

Mol	Chain	Residues	Atoms					ZeroOcc	AltConf	Trace
87	A	3	Total	C	N	O	P	0	0	0
			62	28	11	20	3			
87	B	3	Total	C	N	O	P	0	0	0
			62	28	11	20	3			

- Molecule 88 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

Mol	Chain	Residues	Atoms	ZeroOcc	AltConf
88	2	123	Total Mg 123 123	0	0
88	S4	2	Total Mg 2 2	0	0
88	S6	1	Total Mg 1 1	0	0
88	S8	1	Total Mg 1 1	0	0
88	C8	1	Total Mg 1 1	0	0
88	1	472	Total Mg 472 472	0	0
88	3	14	Total Mg 14 14	0	0
88	4	19	Total Mg 19 19	0	0
88	L2	2	Total Mg 2 2	0	0
88	L3	4	Total Mg 4 4	0	0
88	L4	1	Total Mg 1 1	0	0
88	L5	1	Total Mg 1 1	0	0
88	L7	4	Total Mg 4 4	0	0
88	L8	1	Total Mg 1 1	0	0
88	M0	2	Total Mg 2 2	0	0
88	M1	1	Total Mg 1 1	0	0
88	M3	2	Total Mg 2 2	0	0
88	M5	4	Total Mg 4 4	0	0
88	M6	1	Total Mg 1 1	0	0
88	M7	5	Total Mg 5 5	0	0
88	M9	2	Total Mg 2 2	0	0
88	N0	1	Total Mg 1 1	0	0

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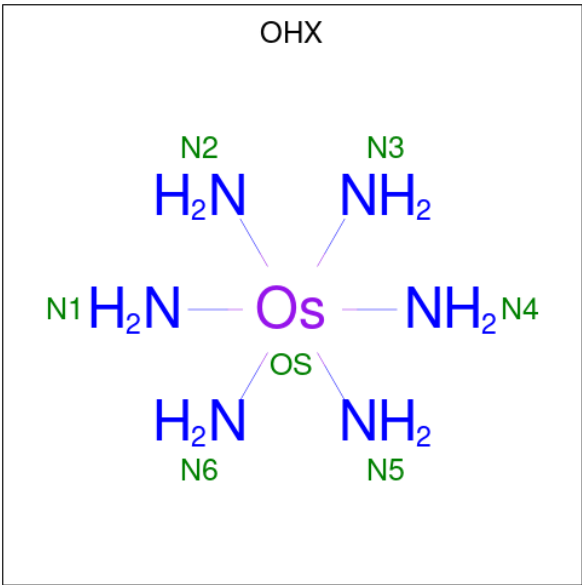
Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	N3	3	Total 3	Mg 3	0	0
88	N5	1	Total 1	Mg 1	0	0
88	N8	5	Total 5	Mg 5	0	0
88	O2	1	Total 1	Mg 1	0	0
88	O4	1	Total 1	Mg 1	0	0
88	O5	1	Total 1	Mg 1	0	0
88	O7	1	Total 1	Mg 1	0	0
88	6	145	Total 145	Mg 145	0	0
88	s1	1	Total 1	Mg 1	0	0
88	s4	1	Total 1	Mg 1	0	0
88	s8	2	Total 2	Mg 2	0	0
88	c1	1	Total 1	Mg 1	0	0
88	c7	2	Total 2	Mg 2	0	0
88	c8	1	Total 1	Mg 1	0	0
88	c9	1	Total 1	Mg 1	0	0
88	d3	1	Total 1	Mg 1	0	0
88	d4	1	Total 1	Mg 1	0	0
88	d6	1	Total 1	Mg 1	0	0
88	sM	1	Total 1	Mg 1	0	0
88	5	503	Total 503	Mg 503	0	0
88	7	14	Total 14	Mg 14	0	0

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
88	8	17	Total 17	Mg 17	0	0
88	l2	1	Total 1	Mg 1	0	0
88	l3	4	Total 4	Mg 4	0	0
88	l4	2	Total 2	Mg 2	0	0
88	l5	2	Total 2	Mg 2	0	0
88	l7	2	Total 2	Mg 2	0	0
88	m1	1	Total 1	Mg 1	0	0
88	m5	4	Total 4	Mg 4	0	0
88	m6	2	Total 2	Mg 2	0	0
88	m7	5	Total 5	Mg 5	0	0
88	n0	2	Total 2	Mg 2	0	0
88	n3	2	Total 2	Mg 2	0	0
88	n6	2	Total 2	Mg 2	0	0
88	n8	3	Total 3	Mg 3	0	0
88	o1	1	Total 1	Mg 1	0	0
88	o3	1	Total 1	Mg 1	0	0
88	o4	1	Total 1	Mg 1	0	0
88	q0	1	Total 1	Mg 1	0	0
88	q1	1	Total 1	Mg 1	0	0
88	q3	2	Total 2	Mg 2	0	0

- Molecule 89 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
89	2	1	Total	N	Os	0	0
			7	6	1		
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89	C3	1	Total	N	Os	0	0
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89	C5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	D9	1	Total	N	Os	0	0
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89	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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89	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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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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89	1	1	Total	N	Os	0	0
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89	1	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	1	1	Total	N	Os	0	0
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89	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	1	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	4	1	Total	N	Os	0	0
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89	4	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	L3	1	Total	N	Os	0	0
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89	M7	1	Total	N	Os	0	0
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89	M7	1	Total	N	Os	0	0
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89	M8	1	Total	N	Os	0	0
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89	M9	1	Total	N	Os	0	0
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89	N9	1	Total	N	Os	0	0
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89	O3	1	Total	N	Os	0	0
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89	O7	1	Total	N	Os	0	0
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89	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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89	6	1	Total	N	Os	0	0
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89	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	6	1	Total	N	Os	0	0
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89	6	1	Total	N	Os	0	0
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89	6	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	6	1	Total	N	Os	0	0
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89	6	1	Total	N	Os	0	0
			7	6	1		
89	6	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	6	1	Total 7	N 6	Os 1	0	0
89	s1	1	Total 7	N 6	Os 1	0	0
89	s1	1	Total 7	N 6	Os 1	0	0
89	s8	1	Total 7	N 6	Os 1	0	0
89	c1	1	Total 7	N 6	Os 1	0	0
89	c3	1	Total 7	N 6	Os 1	0	0
89	c5	1	Total 7	N 6	Os 1	0	0
89	c8	1	Total 7	N 6	Os 1	0	0
89	d4	1	Total 7	N 6	Os 1	0	0
89	d9	1	Total 7	N 6	Os 1	0	0
89	sR	1	Total 7	N 6	Os 1	0	0
89	5	1	Total 7	N 6	Os 1	0	0

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	5	1	Total	N	Os	0	0
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89	5	1	Total	N	Os	0	0
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89	5	1	Total	N	Os	0	0
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89	5	1	Total	N	Os	0	0
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89	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	5	1	Total	N	Os	0	0
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89	5	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	5	1	Total	N	Os	0	0
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89	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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89	8	1	Total	N	Os	0	0
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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
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89	l5	1	Total	N	Os	0	0
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89	l5	1	Total	N	Os	0	0
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89	l5	1	Total	N	Os	0	0
			7	6	1		
89	l9	1	Total	N	Os	0	0
			7	6	1		
89	m0	1	Total	N	Os	0	0
			7	6	1		
89	m0	1	Total	N	Os	0	0
			7	6	1		
89	m1	1	Total	N	Os	0	0
			7	6	1		
89	m4	1	Total	N	Os	0	0
			7	6	1		
89	m5	1	Total	N	Os	0	0
			7	6	1		
89	m6	1	Total	N	Os	0	0
			7	6	1		

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Mol	Chain	Residues	Atoms			ZeroOcc	AltConf
89	n3	1	Total	N	Os	0	0
			7	6	1		
89	n3	1	Total	N	Os	0	0
			7	6	1		
89	n9	1	Total	N	Os	0	0
			7	6	1		
89	o3	1	Total	N	Os	0	0
			7	6	1		
89	o7	1	Total	N	Os	0	0
			7	6	1		
89	q2	1	Total	N	Os	0	0
			7	6	1		

- Molecule 90 is ZINC ION (CCD ID: ZN) (formula: Zn).

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

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Mol	Chain	Residues	Atoms		ZeroOcc	AltConf
90	q0	1	Total 1	Zn 1	0	0
90	q2	1	Total 1	Zn 1	0	0
90	q3	1	Total 1	Zn 1	0	0

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

3 Data and refinement statistics

Property	Value	Source
Space group	P 1 21 1	Depositor
Cell constants a, b, c, α , β , γ	436.02Å 287.59Å 304.52Å 90.00° 99.02° 90.00°	Depositor
Resolution (Å)	49.82 – 3.20 49.82 – 3.20	Depositor EDS
% Data completeness (in resolution range)	100.0 (49.82-3.20) 99.9 (49.82-3.20)	Depositor EDS
R_{merge}	0.31	Depositor
R_{sym}	(Not available)	Depositor
$\langle I/\sigma(I) \rangle$ ¹	1.45 (at 3.19Å)	Xtriage
Refinement program	PHENIX (phenix.refine: 1.8.4_1496)	Depositor
R, R_{free}	0.181 , 0.237 0.183 , 0.237	Depositor DCC
R_{free} test set	24290 reflections (2.00%)	wwPDB-VP
Wilson B-factor (Å ²)	70.5	Xtriage
Anisotropy	0.157	Xtriage
Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²)	0.31 , 84.6	EDS
L-test for twinning ²	$\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.30$	Xtriage
Estimated twinning fraction	No twinning to report.	Xtriage
F_o, F_c correlation	0.93	EDS
Total number of atoms	411288	wwPDB-VP
Average B, all atoms (Å ²)	70.0	wwPDB-VP

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.44% 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 2557 ligands modelled in this entry, 1424 are monoatomic - leaving 1133 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	$\# Z > 2$
89	OHX	5	3979	-	0,6,6	-	-	-		
89	OHX	1	4162	-	0,6,6	-	-	-		
89	OHX	6	2137	-	0,6,6	-	-	-		
89	OHX	5	4005	-	0,6,6	-	-	-		
89	OHX	5	4106	-	0,6,6	-	-	-		
89	OHX	5	4197	-	0,6,6	-	-	-		
89	OHX	SR	401	-	0,6,6	-	-	-		
89	OHX	6	2086	-	0,6,6	-	-	-		
89	OHX	5	4162	-	0,6,6	-	-	-		
89	OHX	5	4216	-	0,6,6	-	-	-		
89	OHX	L3	405	-	0,6,6	-	-	-		
89	OHX	6	2196	-	0,6,6	-	-	-		
89	OHX	5	4163	88	0,6,6	-	-	-		
89	OHX	5	4156	-	0,6,6	-	-	-		
89	OHX	1	4094	-	0,6,6	-	-	-		
89	OHX	2	2160	-	0,6,6	-	-	-		
89	OHX	1	4197	-	0,6,6	-	-	-		
89	OHX	3	224	88	0,6,6	-	-	-		
89	OHX	1	3976	-	0,6,6	-	-	-		
89	OHX	1	4058	-	0,6,6	-	-	-		
89	OHX	6	2067	88	0,6,6	-	-	-		
89	OHX	5	3903	-	0,6,6	-	-	-		
89	OHX	2	2150	-	0,6,6	-	-	-		
89	OHX	5	4047	-	0,6,6	-	-	-		
89	OHX	2	2164	-	0,6,6	-	-	-		
89	OHX	2	2122	-	0,6,6	-	-	-		
89	OHX	1	4145	-	0,6,6	-	-	-		
89	OHX	1	4079	-	0,6,6	-	-	-		
89	OHX	4	221	-	0,6,6	-	-	-		
89	OHX	n3	204	-	0,6,6	-	-	-		
89	OHX	6	2114	-	0,6,6	-	-	-		
89	OHX	5	4018	-	0,6,6	-	-	-		
89	OHX	5	3916	-	0,6,6	-	-	-		
89	OHX	5	4031	-	0,6,6	-	-	-		
89	OHX	1	4208	-	0,6,6	-	-	-		
89	OHX	2	2169	-	0,6,6	-	-	-		
89	OHX	6	2128	-	0,6,6	-	-	-		
89	OHX	o7	502	-	0,6,6	-	-	-		
89	OHX	5	4202	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4176	-	0,6,6	-	-	-		
89	OHX	5	3907	-	0,6,6	-	-	-		
89	OHX	5	4067	-	0,6,6	-	-	-		
89	OHX	5	3956	-	0,6,6	-	-	-		
89	OHX	6	2060	-	0,6,6	-	-	-		
89	OHX	1	3925	-	0,6,6	-	-	-		
89	OHX	5	4057	-	0,6,6	-	-	-		
89	OHX	5	3936	-	0,6,6	-	-	-		
89	OHX	5	3990	-	0,6,6	-	-	-		
89	OHX	5	4081	-	0,6,6	-	-	-		
89	OHX	1	4011	-	0,6,6	-	-	-		
89	OHX	6	2118	-	0,6,6	-	-	-		
89	OHX	1	3913	-	0,6,6	-	-	-		
89	OHX	6	2143	88	0,6,6	-	-	-		
89	OHX	5	4246	-	0,6,6	-	-	-		
89	OHX	5	4223	-	0,6,6	-	-	-		
89	OHX	1	4020	-	0,6,6	-	-	-		
89	OHX	2	2087	-	0,6,6	-	-	-		
89	OHX	1	3920	-	0,6,6	-	-	-		
89	OHX	2	2159	-	0,6,6	-	-	-		
89	OHX	1	4042	-	0,6,6	-	-	-		
89	OHX	2	2076	-	0,6,6	-	-	-		
89	OHX	4	228	-	0,6,6	-	-	-		
89	OHX	2	2177	-	0,6,6	-	-	-		
89	OHX	1	4207	-	0,6,6	-	-	-		
89	OHX	2	2064	88	0,6,6	-	-	-		
89	OHX	5	4113	-	0,6,6	-	-	-		
89	OHX	1	4088	-	0,6,6	-	-	-		
89	OHX	5	4015	-	0,6,6	-	-	-		
89	OHX	5	4148	-	0,6,6	-	-	-		
89	OHX	5	4165	-	0,6,6	-	-	-		
89	OHX	1	4139	-	0,6,6	-	-	-		
89	OHX	5	4228	-	0,6,6	-	-	-		
89	OHX	7	220	-	0,6,6	-	-	-		
89	OHX	6	2179	-	0,6,6	-	-	-		
89	OHX	1	3944	-	0,6,6	-	-	-		
89	OHX	2	2109	-	0,6,6	-	-	-		
89	OHX	5	4249	-	0,6,6	-	-	-		
89	OHX	1	4157	88	0,6,6	-	-	-		
89	OHX	6	2127	-	0,6,6	-	-	-		
89	OHX	6	2097	-	0,6,6	-	-	-		
89	OHX	5	4190	-	0,6,6	-	-	-		
89	OHX	1	4015	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4061	-	0,6,6	-	-	-		
89	OHX	5	4039	-	0,6,6	-	-	-		
89	OHX	2	2146	-	0,6,6	-	-	-		
89	OHX	6	2053	-	0,6,6	-	-	-		
89	OHX	5	3926	-	0,6,6	-	-	-		
89	OHX	5	4179	-	0,6,6	-	-	-		
89	OHX	8	223	-	0,6,6	-	-	-		
89	OHX	5	3924	-	0,6,6	-	-	-		
89	OHX	5	3976	-	0,6,6	-	-	-		
89	OHX	5	4222	-	0,6,6	-	-	-		
89	OHX	5	4056	-	0,6,6	-	-	-		
89	OHX	1	4142	-	0,6,6	-	-	-		
89	OHX	5	4079	-	0,6,6	-	-	-		
89	OHX	6	2082	-	0,6,6	-	-	-		
89	OHX	5	3982	-	0,6,6	-	-	-		
89	OHX	5	4099	-	0,6,6	-	-	-		
89	OHX	1	4069	-	0,6,6	-	-	-		
89	OHX	1	4107	-	0,6,6	-	-	-		
89	OHX	1	4124	-	0,6,6	-	-	-		
89	OHX	1	4046	-	0,6,6	-	-	-		
89	OHX	1	4022	-	0,6,6	-	-	-		
89	OHX	6	2080	-	0,6,6	-	-	-		
89	OHX	6	2105	1	0,6,6	-	-	-		
89	OHX	6	2164	-	0,6,6	-	-	-		
89	OHX	6	2101	-	0,6,6	-	-	-		
89	OHX	5	4091	88	0,6,6	-	-	-		
89	OHX	1	3876	-	0,6,6	-	-	-		
89	OHX	1	4119	-	0,6,6	-	-	-		
89	OHX	2	2123	-	0,6,6	-	-	-		
89	OHX	1	3878	-	0,6,6	-	-	-		
89	OHX	5	4016	88	0,6,6	-	-	-		
89	OHX	L3	406	-	0,6,6	-	-	-		
89	OHX	6	2070	88	0,6,6	-	-	-		
89	OHX	5	3904	-	0,6,6	-	-	-		
89	OHX	1	4217	-	0,6,6	-	-	-		
89	OHX	5	4180	88	0,6,6	-	-	-		
89	OHX	1	3879	-	0,6,6	-	-	-		
89	OHX	1	3990	-	0,6,6	-	-	-		
89	OHX	1	4081	88	0,6,6	-	-	-		
89	OHX	5	4062	-	0,6,6	-	-	-		
89	OHX	1	4123	88	0,6,6	-	-	-		
89	OHX	D9	102	-	0,6,6	-	-	-		
89	OHX	6	2051	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	3915	88	0,6,6	-	-	-		
89	OHX	1	3900	88	0,6,6	-	-	-		
89	OHX	5	4123	-	0,6,6	-	-	-		
89	OHX	1	3875	-	0,6,6	-	-	-		
89	OHX	1	4136	88	0,6,6	-	-	-		
89	OHX	5	3981	-	0,6,6	-	-	-		
89	OHX	1	4138	88	0,6,6	-	-	-		
89	OHX	2	2094	-	0,6,6	-	-	-		
89	OHX	5	4064	-	0,6,6	-	-	-		
89	OHX	5	4220	88	0,6,6	-	-	-		
89	OHX	6	2068	-	0,6,6	-	-	-		
89	OHX	7	221	-	0,6,6	-	-	-		
89	OHX	2	2063	-	0,6,6	-	-	-		
89	OHX	6	2174	-	0,6,6	-	-	-		
89	OHX	1	3959	-	0,6,6	-	-	-		
89	OHX	1	4196	-	0,6,6	-	-	-		
89	OHX	5	4151	88	0,6,6	-	-	-		
89	OHX	5	4175	-	0,6,6	-	-	-		
89	OHX	5	3910	-	0,6,6	-	-	-		
89	OHX	2	2106	-	0,6,6	-	-	-		
89	OHX	1	3994	-	0,6,6	-	-	-		
89	OHX	1	4201	88	0,6,6	-	-	-		
89	OHX	2	2167	-	0,6,6	-	-	-		
89	OHX	2	2175	-	0,6,6	-	-	-		
89	OHX	5	3937	88	0,6,6	-	-	-		
89	OHX	2	2032	-	0,6,6	-	-	-		
89	OHX	1	4186	-	0,6,6	-	-	-		
89	OHX	5	4119	-	0,6,6	-	-	-		
89	OHX	6	2104	-	0,6,6	-	-	-		
89	OHX	6	2113	-	0,6,6	-	-	-		
89	OHX	1	4097	-	0,6,6	-	-	-		
89	OHX	5	4221	-	0,6,6	-	-	-		
89	OHX	8	220	-	0,6,6	-	-	-		
89	OHX	5	3934	-	0,6,6	-	-	-		
89	OHX	5	3914	-	0,6,6	-	-	-		
89	OHX	2	2047	-	0,6,6	-	-	-		
89	OHX	6	2145	-	0,6,6	-	-	-		
89	OHX	m4	201	-	0,6,6	-	-	-		
89	OHX	5	4150	-	0,6,6	-	-	-		
89	OHX	5	4036	-	0,6,6	-	-	-		
89	OHX	1	3885	-	0,6,6	-	-	-		
89	OHX	5	4138	-	0,6,6	-	-	-		
89	OHX	5	4142	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	2	2099	-	0,6,6	-	-	-		
89	OHX	5	4046	-	0,6,6	-	-	-		
89	OHX	1	3880	-	0,6,6	-	-	-		
89	OHX	5	4195	-	0,6,6	-	-	-		
89	OHX	6	2107	-	0,6,6	-	-	-		
89	OHX	1	4027	-	0,6,6	-	-	-		
89	OHX	2	2114	-	0,6,6	-	-	-		
89	OHX	2	2037	-	0,6,6	-	-	-		
89	OHX	1	4132	-	0,6,6	-	-	-		
89	OHX	2	2143	88	0,6,6	-	-	-		
89	OHX	6	2108	-	0,6,6	-	-	-		
89	OHX	1	3945	-	0,6,6	-	-	-		
89	OHX	6	2095	-	0,6,6	-	-	-		
89	OHX	2	2036	-	0,6,6	-	-	-		
89	OHX	5	4143	-	0,6,6	-	-	-		
89	OHX	1	3890	-	0,6,6	-	-	-		
89	OHX	5	3941	-	0,6,6	-	-	-		
89	OHX	5	3973	-	0,6,6	-	-	-		
89	OHX	2	2065	-	0,6,6	-	-	-		
89	OHX	1	4169	-	0,6,6	-	-	-		
89	OHX	6	2201	-	0,6,6	-	-	-		
89	OHX	7	223	-	0,6,6	-	-	-		
89	OHX	5	4089	-	0,6,6	-	-	-		
89	OHX	2	2069	-	0,6,6	-	-	-		
89	OHX	1	4143	-	0,6,6	-	-	-		
89	OHX	1	4214	-	0,6,6	-	-	-		
89	OHX	1	3924	88	0,6,6	-	-	-		
89	OHX	5	4077	-	0,6,6	-	-	-		
89	OHX	5	4172	88	0,6,6	-	-	-		
89	OHX	5	4203	-	0,6,6	-	-	-		
89	OHX	1	4045	-	0,6,6	-	-	-		
89	OHX	4	222	-	0,6,6	-	-	-		
89	OHX	6	2058	-	0,6,6	-	-	-		
89	OHX	5	4224	-	0,6,6	-	-	-		
89	OHX	13	407	-	0,6,6	-	-	-		
89	OHX	1	4202	-	0,6,6	-	-	-		
89	OHX	5	3902	-	0,6,6	-	-	-		
89	OHX	1	4189	-	0,6,6	-	-	-		
89	OHX	1	3907	-	0,6,6	-	-	-		
89	OHX	5	4045	-	0,6,6	-	-	-		
89	OHX	1	4159	-	0,6,6	-	-	-		
89	OHX	1	3961	-	0,6,6	-	-	-		
89	OHX	5	4102	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4210	-	0,6,6	-	-	-		
89	OHX	6	2182	-	0,6,6	-	-	-		
89	OHX	5	3996	88	0,6,6	-	-	-		
89	OHX	5	4070	-	0,6,6	-	-	-		
89	OHX	5	4235	-	0,6,6	-	-	-		
89	OHX	6	2191	-	0,6,6	-	-	-		
89	OHX	1	4223	-	0,6,6	-	-	-		
89	OHX	6	2181	-	0,6,6	-	-	-		
89	OHX	5	4100	-	0,6,6	-	-	-		
89	OHX	5	4003	-	0,6,6	-	-	-		
89	OHX	1	4115	-	0,6,6	-	-	-		
89	OHX	5	3974	-	0,6,6	-	-	-		
89	OHX	1	4127	-	0,6,6	-	-	-		
89	OHX	1	4180	88	0,6,6	-	-	-		
89	OHX	6	2190	-	0,6,6	-	-	-		
89	OHX	5	4212	-	0,6,6	-	-	-		
89	OHX	2	2025	-	0,6,6	-	-	-		
89	OHX	2	2102	-	0,6,6	-	-	-		
89	OHX	1	3899	-	0,6,6	-	-	-		
89	OHX	2	2092	-	0,6,6	-	-	-		
89	OHX	5	4243	-	0,6,6	-	-	-		
89	OHX	6	2050	-	0,6,6	-	-	-		
89	OHX	2	2155	-	0,6,6	-	-	-		
89	OHX	5	4120	-	0,6,6	-	-	-		
89	OHX	6	2133	-	0,6,6	-	-	-		
89	OHX	13	406	-	0,6,6	-	-	-		
89	OHX	4	227	-	0,6,6	-	-	-		
89	OHX	2	2119	-	0,6,6	-	-	-		
89	OHX	2	2173	-	0,6,6	-	-	-		
89	OHX	1	4029	-	0,6,6	-	-	-		
89	OHX	1	3972	-	0,6,6	-	-	-		
89	OHX	5	4038	-	0,6,6	-	-	-		
89	OHX	6	2180	-	0,6,6	-	-	-		
89	OHX	1	4130	88	0,6,6	-	-	-		
89	OHX	2	2129	-	0,6,6	-	-	-		
89	OHX	1	3893	-	0,6,6	-	-	-		
89	OHX	5	4076	-	0,6,6	-	-	-		
89	OHX	6	2122	-	0,6,6	-	-	-		
89	OHX	1	4113	-	0,6,6	-	-	-		
89	OHX	6	2173	-	0,6,6	-	-	-		
89	OHX	2	2176	-	0,6,6	-	-	-		
89	OHX	1	4005	-	0,6,6	-	-	-		
89	OHX	5	3917	88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4233	-	0,6,6	-	-	-		
89	OHX	1	3940	-	0,6,6	-	-	-		
89	OHX	2	2049	-	0,6,6	-	-	-		
89	OHX	1	4168	-	0,6,6	-	-	-		
89	OHX	1	4160	-	0,6,6	-	-	-		
89	OHX	O3	201	-	0,6,6	-	-	-		
89	OHX	4	226	-	0,6,6	-	-	-		
89	OHX	6	2162	-	0,6,6	-	-	-		
89	OHX	1	4050	-	0,6,6	-	-	-		
89	OHX	5	4032	88	0,6,6	-	-	-		
89	OHX	5	4096	-	0,6,6	-	-	-		
89	OHX	5	3994	-	0,6,6	-	-	-		
89	OHX	1	4192	-	0,6,6	-	-	-		
89	OHX	5	4256	88	0,6,6	-	-	-		
89	OHX	6	2090	88	0,6,6	-	-	-		
89	OHX	1	3947	-	0,6,6	-	-	-		
89	OHX	1	3948	-	0,6,6	-	-	-		
89	OHX	2	2120	-	0,6,6	-	-	-		
89	OHX	2	2031	-	0,6,6	-	-	-		
89	OHX	1	4171	-	0,6,6	-	-	-		
89	OHX	1	4134	-	0,6,6	-	-	-		
89	OHX	1	4222	-	0,6,6	-	-	-		
89	OHX	1	3873	-	0,6,6	-	-	-		
89	OHX	6	2119	88	0,6,6	-	-	-		
89	OHX	6	2186	-	0,6,6	-	-	-		
89	OHX	2	2052	-	0,6,6	-	-	-		
89	OHX	7	218	88	0,6,6	-	-	-		
89	OHX	1	4025	-	0,6,6	-	-	-		
89	OHX	1	4135	88	0,6,6	-	-	-		
89	OHX	1	3931	-	0,6,6	-	-	-		
89	OHX	1	4083	-	0,6,6	-	-	-		
89	OHX	6	2081	-	0,6,6	-	-	-		
89	OHX	3	222	-	0,6,6	-	-	-		
89	OHX	1	3960	-	0,6,6	-	-	-		
89	OHX	M0	303	-	0,6,6	-	-	-		
89	OHX	1	4067	-	0,6,6	-	-	-		
89	OHX	2	2083	-	0,6,6	-	-	-		
89	OHX	2	2111	-	0,6,6	-	-	-		
89	OHX	2	2124	-	0,6,6	-	-	-		
89	OHX	6	2103	-	0,6,6	-	-	-		
89	OHX	6	2120	-	0,6,6	-	-	-		
89	OHX	5	4112	-	0,6,6	-	-	-		
89	OHX	6	2071	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	3942	-	0,6,6	-	-	-		
89	OHX	1	3874	-	0,6,6	-	-	-		
89	OHX	5	4227	88	0,6,6	-	-	-		
89	OHX	5	3935	88	0,6,6	-	-	-		
89	OHX	5	3958	-	0,6,6	-	-	-		
89	OHX	5	4122	-	0,6,6	-	-	-		
89	OHX	1	4116	-	0,6,6	-	-	-		
89	OHX	2	2140	-	0,6,6	-	-	-		
89	OHX	1	3968	-	0,6,6	-	-	-		
89	OHX	1	3923	-	0,6,6	-	-	-		
89	OHX	1	4012	-	0,6,6	-	-	-		
89	OHX	1	4007	-	0,6,6	-	-	-		
89	OHX	5	4238	-	0,6,6	-	-	-		
89	OHX	1	4216	-	0,6,6	-	-	-		
89	OHX	1	3908	-	0,6,6	-	-	-		
89	OHX	3	223	-	0,6,6	-	-	-		
89	OHX	2	2029	-	0,6,6	-	-	-		
89	OHX	5	4058	-	0,6,6	-	-	-		
89	OHX	1	3984	-	0,6,6	-	-	-		
89	OHX	1	4156	-	0,6,6	-	-	-		
89	OHX	6	2102	-	0,6,6	-	-	-		
89	OHX	6	2129	-	0,6,6	-	-	-		
89	OHX	5	4023	-	0,6,6	-	-	-		
89	OHX	1	3957	-	0,6,6	-	-	-		
89	OHX	1	3934	88	0,6,6	-	-	-		
89	OHX	1	3964	-	0,6,6	-	-	-		
89	OHX	1	3954	-	0,6,6	-	-	-		
89	OHX	6	2083	-	0,6,6	-	-	-		
89	OHX	2	2067	-	0,6,6	-	-	-		
89	OHX	6	2124	-	0,6,6	-	-	-		
89	OHX	5	4103	-	0,6,6	-	-	-		
89	OHX	1	4004	-	0,6,6	-	-	-		
89	OHX	5	4085	-	0,6,6	-	-	-		
89	OHX	5	4114	-	0,6,6	-	-	-		
89	OHX	5	4043	-	0,6,6	-	-	-		
89	OHX	15	303	-	0,6,6	-	-	-		
89	OHX	6	2184	-	0,6,6	-	-	-		
89	OHX	1	4054	-	0,6,6	-	-	-		
89	OHX	2	2035	-	0,6,6	-	-	-		
89	OHX	1	4161	-	0,6,6	-	-	-		
89	OHX	1	4103	-	0,6,6	-	-	-		
89	OHX	M5	305	-	0,6,6	-	-	-		
89	OHX	2	2060	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4163	-	0,6,6	-	-	-		
89	OHX	2	2024	-	0,6,6	-	-	-		
89	OHX	C3	201	-	0,6,6	-	-	-		
89	OHX	2	2152	-	0,6,6	-	-	-		
89	OHX	1	4008	-	0,6,6	-	-	-		
89	OHX	1	4044	-	0,6,6	-	-	-		
89	OHX	2	2054	-	0,6,6	-	-	-		
89	OHX	1	3903	88	0,6,6	-	-	-		
89	OHX	1	4193	-	0,6,6	-	-	-		
89	OHX	1	4218	-	0,6,6	-	-	-		
89	OHX	1	4225	88	0,6,6	-	-	-		
89	OHX	5	3929	-	0,6,6	-	-	-		
89	OHX	5	4082	-	0,6,6	-	-	-		
89	OHX	5	4183	-	0,6,6	-	-	-		
89	OHX	2	2158	-	0,6,6	-	-	-		
89	OHX	5	3978	-	0,6,6	-	-	-		
89	OHX	5	4055	-	0,6,6	-	-	-		
89	OHX	5	4080	-	0,6,6	-	-	-		
89	OHX	6	2052	-	0,6,6	-	-	-		
89	OHX	q2	502	88	0,6,6	-	-	-		
89	OHX	8	218	-	0,6,6	-	-	-		
89	OHX	d4	202	-	0,6,6	-	-	-		
89	OHX	5	4209	-	0,6,6	-	-	-		
89	OHX	5	4072	88	0,6,6	-	-	-		
89	OHX	2	2127	-	0,6,6	-	-	-		
89	OHX	5	4068	-	0,6,6	-	-	-		
89	OHX	6	2061	-	0,6,6	-	-	-		
89	OHX	5	4177	-	0,6,6	-	-	-		
89	OHX	5	4012	-	0,6,6	-	-	-		
89	OHX	O7	104	-	0,6,6	-	-	-		
89	OHX	M7	207	-	0,6,6	-	-	-		
89	OHX	2	2172	-	0,6,6	-	-	-		
89	OHX	1	4109	-	0,6,6	-	-	-		
89	OHX	m0	301	-	0,6,6	-	-	-		
89	OHX	1	4220	-	0,6,6	-	-	-		
89	OHX	1	4100	-	0,6,6	-	-	-		
89	OHX	6	2110	-	0,6,6	-	-	-		
89	OHX	6	2094	-	0,6,6	-	-	-		
89	OHX	5	3912	-	0,6,6	-	-	-		
89	OHX	2	2142	-	0,6,6	-	-	-		
89	OHX	1	4039	88	0,6,6	-	-	-		
89	OHX	2	2082	-	0,6,6	-	-	-		
89	OHX	1	4165	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	7	222	-	0,6,6	-	-	-		
89	OHX	6	2163	-	0,6,6	-	-	-		
89	OHX	5	4176	88	0,6,6	-	-	-		
89	OHX	2	2101	-	0,6,6	-	-	-		
89	OHX	5	4042	-	0,6,6	-	-	-		
89	OHX	1	3937	-	0,6,6	-	-	-		
89	OHX	5	4239	-	0,6,6	-	-	-		
89	OHX	1	4219	-	0,6,6	-	-	-		
89	OHX	1	3935	-	0,6,6	-	-	-		
89	OHX	1	4026	-	0,6,6	-	-	-		
89	OHX	3	218	-	0,6,6	-	-	-		
89	OHX	L4	402	-	0,6,6	-	-	-		
89	OHX	1	4110	-	0,6,6	-	-	-		
89	OHX	2	2070	-	0,6,6	-	-	-		
89	OHX	1	4038	-	0,6,6	-	-	-		
89	OHX	1	4095	-	0,6,6	-	-	-		
89	OHX	2	2171	-	0,6,6	-	-	-		
89	OHX	1	4194	-	0,6,6	-	-	-		
89	OHX	5	4073	-	0,6,6	-	-	-		
89	OHX	1	3892	-	0,6,6	-	-	-		
89	OHX	5	4187	-	0,6,6	-	-	-		
89	OHX	1	3877	-	0,6,6	-	-	-		
89	OHX	1	3966	-	0,6,6	-	-	-		
89	OHX	1	3992	88	0,6,6	-	-	-		
89	OHX	5	4218	-	0,6,6	-	-	-		
89	OHX	c3	201	-	0,6,6	-	-	-		
89	OHX	2	2156	-	0,6,6	-	-	-		
89	OHX	1	3982	-	0,6,6	-	-	-		
89	OHX	1	4033	-	0,6,6	-	-	-		
89	OHX	3	216	-	0,6,6	-	-	-		
89	OHX	5	4166	-	0,6,6	-	-	-		
89	OHX	1	4215	-	0,6,6	-	-	-		
89	OHX	2	2126	-	0,6,6	-	-	-		
89	OHX	6	2202	-	0,6,6	-	-	-		
89	OHX	5	3943	88	0,6,6	-	-	-		
89	OHX	5	3938	88	0,6,6	-	-	-		
89	OHX	5	3997	-	0,6,6	-	-	-		
89	OHX	6	2199	-	0,6,6	-	-	-		
89	OHX	5	3986	-	0,6,6	-	-	-		
89	OHX	5	3988	-	0,6,6	-	-	-		
89	OHX	5	4200	-	0,6,6	-	-	-		
89	OHX	1	4158	-	0,6,6	-	-	-		
89	OHX	1	4016	88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	2	2153	-	0,6,6	-	-	-		
89	OHX	6	2150	-	0,6,6	-	-	-		
89	OHX	1	4126	-	0,6,6	-	-	-		
89	OHX	1	4151	-	0,6,6	-	-	-		
89	OHX	S8	302	-	0,6,6	-	-	-		
89	OHX	1	3969	-	0,6,6	-	-	-		
89	OHX	1	4175	-	0,6,6	-	-	-		
89	OHX	1	4104	-	0,6,6	-	-	-		
89	OHX	1	4191	-	0,6,6	-	-	-		
89	OHX	2	2161	-	0,6,6	-	-	-		
89	OHX	1	4213	-	0,6,6	-	-	-		
89	OHX	2	2147	-	0,6,6	-	-	-		
89	OHX	5	4087	-	0,6,6	-	-	-		
89	OHX	6	2156	-	0,6,6	-	-	-		
89	OHX	5	4111	88	0,6,6	-	-	-		
89	OHX	5	4191	-	0,6,6	-	-	-		
89	OHX	5	4199	-	0,6,6	-	-	-		
89	OHX	1	4032	-	0,6,6	-	-	-		
89	OHX	2	2145	-	0,6,6	-	-	-		
89	OHX	1	3967	88	0,6,6	-	-	-		
89	OHX	5	3998	-	0,6,6	-	-	-		
89	OHX	n9	101	-	0,6,6	-	-	-		
89	OHX	1	4226	-	0,6,6	-	-	-		
89	OHX	1	4112	-	0,6,6	-	-	-		
89	OHX	M7	206	88	0,6,6	-	-	-		
89	OHX	1	4080	-	0,6,6	-	-	-		
89	OHX	2	2179	-	0,6,6	-	-	-		
89	OHX	1	3914	88	0,6,6	-	-	-		
89	OHX	M9	203	-	0,6,6	-	-	-		
89	OHX	1	4122	-	0,6,6	-	-	-		
89	OHX	8	228	-	0,6,6	-	-	-		
89	OHX	1	3974	-	0,6,6	-	-	-		
89	OHX	6	2136	-	0,6,6	-	-	-		
89	OHX	5	4254	-	0,6,6	-	-	-		
89	OHX	5	4205	-	0,6,6	-	-	-		
89	OHX	5	4219	-	0,6,6	-	-	-		
89	OHX	1	3883	-	0,6,6	-	-	-		
89	OHX	6	2073	-	0,6,6	-	-	-		
89	OHX	1	4131	-	0,6,6	-	-	-		
89	OHX	5	3921	-	0,6,6	-	-	-		
89	OHX	5	4065	-	0,6,6	-	-	-		
89	OHX	5	4178	-	0,6,6	-	-	-		
89	OHX	19	600	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	6	2168	-	0,6,6	-	-	-		
89	OHX	2	2077	-	0,6,6	-	-	-		
89	OHX	1	3987	-	0,6,6	-	-	-		
89	OHX	5	4010	-	0,6,6	-	-	-		
89	OHX	5	4098	-	0,6,6	-	-	-		
89	OHX	1	3975	-	0,6,6	-	-	-		
89	OHX	5	3985	-	0,6,6	-	-	-		
89	OHX	1	3985	-	0,6,6	-	-	-		
89	OHX	5	3975	-	0,6,6	-	-	-		
89	OHX	4	229	-	0,6,6	-	-	-		
89	OHX	5	4128	-	0,6,6	-	-	-		
89	OHX	5	4174	-	0,6,6	-	-	-		
89	OHX	8	219	-	0,6,6	-	-	-		
89	OHX	1	4179	-	0,6,6	-	-	-		
89	OHX	1	3998	-	0,6,6	-	-	-		
89	OHX	1	4178	-	0,6,6	-	-	-		
89	OHX	6	2160	-	0,6,6	-	-	-		
89	OHX	m6	203	88	0,6,6	-	-	-		
89	OHX	1	4090	-	0,6,6	-	-	-		
89	OHX	5	3931	-	0,6,6	-	-	-		
89	OHX	1	4102	-	0,6,6	-	-	-		
89	OHX	5	4153	-	0,6,6	-	-	-		
89	OHX	5	4234	-	0,6,6	-	-	-		
89	OHX	1	4105	-	0,6,6	-	-	-		
89	OHX	5	4133	-	0,6,6	-	-	-		
89	OHX	1	4210	-	0,6,6	-	-	-		
89	OHX	6	2192	88	0,6,6	-	-	-		
89	OHX	5	3905	-	0,6,6	-	-	-		
89	OHX	5	3942	88	0,6,6	-	-	-		
89	OHX	5	4084	-	0,6,6	-	-	-		
89	OHX	5	4105	-	0,6,6	-	-	-		
89	OHX	1	3973	-	0,6,6	-	-	-		
89	OHX	4	220	-	0,6,6	-	-	-		
89	OHX	1	3970	-	0,6,6	-	-	-		
89	OHX	5	3925	-	0,6,6	-	-	-		
89	OHX	5	4126	88	0,6,6	-	-	-		
89	OHX	2	2104	-	0,6,6	-	-	-		
89	OHX	1	4111	-	0,6,6	-	-	-		
89	OHX	1	4140	-	0,6,6	-	-	-		
89	OHX	5	3946	-	0,6,6	-	-	-		
89	OHX	5	4147	-	0,6,6	-	-	-		
89	OHX	1	4212	-	0,6,6	-	-	-		
89	OHX	5	4002	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4133	-	0,6,6	-	-	-		
89	OHX	6	2069	-	0,6,6	-	-	-		
89	OHX	6	2161	-	0,6,6	-	-	-		
89	OHX	1	3905	-	0,6,6	-	-	-		
89	OHX	2	2130	-	0,6,6	-	-	-		
89	OHX	6	2159	-	0,6,6	-	-	-		
89	OHX	5	4237	-	0,6,6	-	-	-		
89	OHX	1	3902	-	0,6,6	-	-	-		
89	OHX	1	3965	-	0,6,6	-	-	-		
89	OHX	1	4063	-	0,6,6	-	-	-		
89	OHX	1	3950	-	0,6,6	-	-	-		
89	OHX	1	4120	-	0,6,6	-	-	-		
89	OHX	2	2072	-	0,6,6	-	-	-		
89	OHX	3	219	-	0,6,6	-	-	-		
89	OHX	1	3946	-	0,6,6	-	-	-		
89	OHX	1	4041	-	0,6,6	-	-	-		
89	OHX	1	4166	-	0,6,6	-	-	-		
89	OHX	5	4019	-	0,6,6	-	-	-		
89	OHX	7	226	-	0,6,6	-	-	-		
89	OHX	1	3996	-	0,6,6	-	-	-		
89	OHX	1	4002	-	0,6,6	-	-	-		
89	OHX	2	2042	-	0,6,6	-	-	-		
89	OHX	1	4144	-	0,6,6	-	-	-		
89	OHX	5	3957	-	0,6,6	-	-	-		
89	OHX	5	3965	-	0,6,6	-	-	-		
89	OHX	5	3972	-	0,6,6	-	-	-		
89	OHX	5	4048	-	0,6,6	-	-	-		
89	OHX	5	4173	-	0,6,6	-	-	-		
89	OHX	5	4257	-	0,6,6	-	-	-		
89	OHX	1	4198	-	0,6,6	-	-	-		
89	OHX	5	3919	-	0,6,6	-	-	-		
89	OHX	1	4003	-	0,6,6	-	-	-		
89	OHX	5	4185	-	0,6,6	-	-	-		
89	OHX	1	3922	88	0,6,6	-	-	-		
89	OHX	6	2063	-	0,6,6	-	-	-		
89	OHX	1	4021	-	0,6,6	-	-	-		
89	OHX	5	4094	-	0,6,6	-	-	-		
89	OHX	5	4097	-	0,6,6	-	-	-		
89	OHX	5	4108	-	0,6,6	-	-	-		
89	OHX	5	3999	-	0,6,6	-	-	-		
89	OHX	1	4206	-	0,6,6	-	-	-		
89	OHX	6	2092	-	0,6,6	-	-	-		
89	OHX	1	4075	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	6	2115	-	0,6,6	-	-	-		
89	OHX	5	4075	-	0,6,6	-	-	-		
89	OHX	2	2178	-	0,6,6	-	-	-		
89	OHX	7	216	-	0,6,6	-	-	-		
89	OHX	1	3911	88	0,6,6	-	-	-		
89	OHX	6	2044	-	0,6,6	-	-	-		
89	OHX	6	2175	-	0,6,6	-	-	-		
89	OHX	8	227	-	0,6,6	-	-	-		
89	OHX	1	3926	-	0,6,6	-	-	-		
89	OHX	5	3909	-	0,6,6	-	-	-		
89	OHX	5	4158	-	0,6,6	-	-	-		
89	OHX	5	4184	-	0,6,6	-	-	-		
89	OHX	5	4059	-	0,6,6	-	-	-		
89	OHX	1	4167	-	0,6,6	-	-	-		
89	OHX	5	4136	-	0,6,6	-	-	-		
89	OHX	2	2059	-	0,6,6	-	-	-		
89	OHX	1	4101	-	0,6,6	-	-	-		
89	OHX	6	2151	-	0,6,6	-	-	-		
89	OHX	s1	303	-	0,6,6	-	-	-		
89	OHX	2	2134	-	0,6,6	-	-	-		
89	OHX	2	2095	-	0,6,6	-	-	-		
89	OHX	5	4049	-	0,6,6	-	-	-		
89	OHX	2	2170	-	0,6,6	-	-	-		
89	OHX	1	4170	-	0,6,6	-	-	-		
89	OHX	1	4172	-	0,6,6	-	-	-		
89	OHX	5	4053	-	0,6,6	-	-	-		
89	OHX	2	2061	-	0,6,6	-	-	-		
89	OHX	5	4145	-	0,6,6	-	-	-		
89	OHX	2	2050	-	0,6,6	-	-	-		
89	OHX	1	3955	88	0,6,6	-	-	-		
89	OHX	2	2133	88	0,6,6	-	-	-		
89	OHX	5	3918	88	0,6,6	-	-	-		
89	OHX	5	4181	-	0,6,6	-	-	-		
89	OHX	1	3962	-	0,6,6	-	-	-		
89	OHX	2	2056	-	0,6,6	-	-	-		
89	OHX	c8	202	-	0,6,6	-	-	-		
89	OHX	5	4217	-	0,6,6	-	-	-		
89	OHX	7	217	-	0,6,6	-	-	-		
89	OHX	1	4017	-	0,6,6	-	-	-		
89	OHX	5	4189	-	0,6,6	-	-	-		
89	OHX	5	4244	-	0,6,6	-	-	-		
89	OHX	1	4149	-	0,6,6	-	-	-		
89	OHX	5	4020	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4118	-	0,6,6	-	-	-		
89	OHX	1	3939	88	0,6,6	-	-	-		
89	OHX	3	220	-	0,6,6	-	-	-		
89	OHX	1	3958	-	0,6,6	-	-	-		
89	OHX	2	2080	-	0,6,6	-	-	-		
89	OHX	sR	401	-	0,6,6	-	-	-		
89	OHX	6	2149	-	0,6,6	-	-	-		
89	OHX	5	4182	88	0,6,6	-	-	-		
89	OHX	2	2030	-	0,6,6	-	-	-		
89	OHX	1	4078	-	0,6,6	-	-	-		
89	OHX	N9	101	-	0,6,6	-	-	-		
89	OHX	5	4074	-	0,6,6	-	-	-		
89	OHX	1	3889	-	0,6,6	-	-	-		
89	OHX	m5	305	-	0,6,6	-	-	-		
89	OHX	2	2081	-	0,6,6	-	-	-		
89	OHX	5	3980	-	0,6,6	-	-	-		
89	OHX	o3	202	-	0,6,6	-	-	-		
89	OHX	1	4092	-	0,6,6	-	-	-		
89	OHX	1	4182	-	0,6,6	-	-	-		
89	OHX	5	3959	-	0,6,6	-	-	-		
89	OHX	8	222	-	0,6,6	-	-	-		
89	OHX	5	4204	-	0,6,6	-	-	-		
89	OHX	1	3933	-	0,6,6	-	-	-		
89	OHX	5	4155	-	0,6,6	-	-	-		
89	OHX	8	231	-	0,6,6	-	-	-		
89	OHX	6	2140	-	0,6,6	-	-	-		
89	OHX	5	4037	-	0,6,6	-	-	-		
89	OHX	1	3936	-	0,6,6	-	-	-		
89	OHX	6	2193	-	0,6,6	-	-	-		
89	OHX	5	4026	88	0,6,6	-	-	-		
89	OHX	6	2169	-	0,6,6	-	-	-		
89	OHX	2	2144	-	0,6,6	-	-	-		
89	OHX	5	4095	-	0,6,6	-	-	-		
89	OHX	5	4201	-	0,6,6	-	-	-		
89	OHX	5	4192	-	0,6,6	-	-	-		
89	OHX	1	4106	-	0,6,6	-	-	-		
89	OHX	1	4155	-	0,6,6	-	-	-		
89	OHX	6	2147	-	0,6,6	-	-	-		
89	OHX	2	2168	-	0,6,6	-	-	-		
89	OHX	5	4169	-	0,6,6	-	-	-		
89	OHX	6	2154	-	0,6,6	-	-	-		
89	OHX	1	4152	-	0,6,6	-	-	-		
89	OHX	5	4060	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4085	88	0,6,6	-	-	-		
89	OHX	1	4114	-	0,6,6	-	-	-		
89	OHX	5	4248	-	0,6,6	-	-	-		
89	OHX	1	4099	-	0,6,6	-	-	-		
89	OHX	5	3993	-	0,6,6	-	-	-		
89	OHX	5	3901	-	0,6,6	-	-	-		
89	OHX	5	4101	88	0,6,6	-	-	-		
89	OHX	6	2099	-	0,6,6	-	-	-		
89	OHX	5	4253	-	0,6,6	-	-	-		
89	OHX	2	2112	-	0,6,6	-	-	-		
89	OHX	1	4148	-	0,6,6	-	-	-		
89	OHX	1	4195	88	0,6,6	-	-	-		
89	OHX	1	3894	-	0,6,6	-	-	-		
89	OHX	1	4224	88	0,6,6	-	-	-		
89	OHX	6	2098	-	0,6,6	-	-	-		
89	OHX	6	2134	-	0,6,6	-	-	-		
89	OHX	6	2200	-	0,6,6	-	-	-		
89	OHX	5	4063	-	0,6,6	-	-	-		
89	OHX	1	3938	-	0,6,6	-	-	-		
89	OHX	1	3953	-	0,6,6	-	-	-		
89	OHX	5	4092	-	0,6,6	-	-	-		
89	OHX	5	4107	-	0,6,6	-	-	-		
89	OHX	6	2093	-	0,6,6	-	-	-		
89	OHX	1	4125	88	0,6,6	-	-	-		
89	OHX	5	3991	88	0,6,6	-	-	-		
89	OHX	7	219	88	0,6,6	-	-	-		
89	OHX	6	2084	-	0,6,6	-	-	-		
89	OHX	1	4146	-	0,6,6	-	-	-		
89	OHX	6	2144	-	0,6,6	-	-	-		
89	OHX	5	3960	88	0,6,6	-	-	-		
89	OHX	6	2065	-	0,6,6	-	-	-		
89	OHX	6	2064	-	0,6,6	-	-	-		
89	OHX	2	2048	-	0,6,6	-	-	-		
89	OHX	6	2126	-	0,6,6	-	-	-		
89	OHX	1	4117	-	0,6,6	-	-	-		
89	OHX	5	4017	-	0,6,6	-	-	-		
89	OHX	5	4164	-	0,6,6	-	-	-		
89	OHX	6	2056	-	0,6,6	-	-	-		
89	OHX	1	4010	-	0,6,6	-	-	-		
89	OHX	1	4031	-	0,6,6	-	-	-		
89	OHX	1	4129	-	0,6,6	-	-	-		
89	OHX	7	215	-	0,6,6	-	-	-		
89	OHX	2	2103	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	3978	-	0,6,6	-	-	-		
89	OHX	5	4137	-	0,6,6	-	-	-		
89	OHX	2	2062	-	0,6,6	-	-	-		
89	OHX	2	2066	-	0,6,6	-	-	-		
89	OHX	5	3944	-	0,6,6	-	-	-		
89	OHX	5	4090	-	0,6,6	-	-	-		
89	OHX	2	2046	-	0,6,6	-	-	-		
89	OHX	6	2131	-	0,6,6	-	-	-		
89	OHX	6	2189	-	0,6,6	-	-	-		
89	OHX	1	4089	-	0,6,6	-	-	-		
89	OHX	1	3912	-	0,6,6	-	-	-		
89	OHX	5	4116	88	0,6,6	-	-	-		
89	OHX	1	4068	-	0,6,6	-	-	-		
89	OHX	d9	102	-	0,6,6	-	-	-		
89	OHX	5	3923	-	0,6,6	-	-	-		
89	OHX	5	4115	-	0,6,6	-	-	-		
89	OHX	5	3922	-	0,6,6	-	-	-		
89	OHX	6	2045	-	0,6,6	-	-	-		
89	OHX	6	2188	-	0,6,6	-	-	-		
89	OHX	1	3910	-	0,6,6	-	-	-		
89	OHX	5	4131	-	0,6,6	-	-	-		
89	OHX	1	4065	-	0,6,6	-	-	-		
89	OHX	4	230	-	0,6,6	-	-	-		
89	OHX	4	233	-	0,6,6	-	-	-		
89	OHX	5	3952	-	0,6,6	-	-	-		
89	OHX	5	4132	-	0,6,6	-	-	-		
89	OHX	2	2141	-	0,6,6	-	-	-		
89	OHX	m1	202	-	0,6,6	-	-	-		
89	OHX	1	4030	-	0,6,6	-	-	-		
89	OHX	1	3906	-	0,6,6	-	-	-		
89	OHX	6	2187	-	0,6,6	-	-	-		
89	OHX	5	4232	-	0,6,6	-	-	-		
89	OHX	1	4108	-	0,6,6	-	-	-		
89	OHX	1	3886	-	0,6,6	-	-	-		
89	OHX	6	2047	-	0,6,6	-	-	-		
89	OHX	5	4001	-	0,6,6	-	-	-		
89	OHX	5	4230	-	0,6,6	-	-	-		
89	OHX	1	3999	88	0,6,6	-	-	-		
89	OHX	1	4073	-	0,6,6	-	-	-		
89	OHX	2	2028	88	0,6,6	-	-	-		
89	OHX	1	4188	-	0,6,6	-	-	-		
89	OHX	1	3891	-	0,6,6	-	-	-		
89	OHX	2	2163	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4004	-	0,6,6	-	-	-		
89	OHX	6	2112	-	0,6,6	-	-	-		
89	OHX	7	225	88	0,6,6	-	-	-		
89	OHX	1	4040	-	0,6,6	-	-	-		
89	OHX	1	3895	88	0,6,6	-	-	-		
89	OHX	6	2176	-	0,6,6	-	-	-		
89	OHX	5	4146	-	0,6,6	-	-	-		
89	OHX	8	226	-	0,6,6	-	-	-		
89	OHX	2	2157	-	0,6,6	-	-	-		
89	OHX	1	3909	-	0,6,6	-	-	-		
89	OHX	1	3943	-	0,6,6	-	-	-		
89	OHX	6	2049	-	0,6,6	-	-	-		
89	OHX	8	230	-	0,6,6	-	-	-		
89	OHX	5	4168	-	0,6,6	-	-	-		
89	OHX	1	3989	-	0,6,6	-	-	-		
89	OHX	1	3997	-	0,6,6	-	-	-		
89	OHX	15	306	-	0,6,6	-	-	-		
89	OHX	2	2034	-	0,6,6	-	-	-		
89	OHX	2	2089	-	0,6,6	-	-	-		
89	OHX	5	4014	-	0,6,6	-	-	-		
89	OHX	1	4187	-	0,6,6	-	-	-		
89	OHX	5	3951	-	0,6,6	-	-	-		
89	OHX	2	2085	-	0,6,6	-	-	-		
89	OHX	5	4171	-	0,6,6	-	-	-		
89	OHX	5	3906	-	0,6,6	-	-	-		
89	OHX	2	2116	-	0,6,6	-	-	-		
89	OHX	5	3930	88	0,6,6	-	-	-		
89	OHX	1	3983	-	0,6,6	-	-	-		
89	OHX	5	4051	88	0,6,6	-	-	-		
89	OHX	5	4188	-	0,6,6	-	-	-		
89	OHX	1	4034	-	0,6,6	-	-	-		
89	OHX	6	2062	-	0,6,6	-	-	-		
89	OHX	2	2132	-	0,6,6	-	-	-		
89	OHX	5	4236	-	0,6,6	-	-	-		
89	OHX	1	3918	88	0,6,6	-	-	-		
89	OHX	6	2158	-	0,6,6	-	-	-		
89	OHX	2	2073	-	0,6,6	-	-	-		
89	OHX	5	4242	-	0,6,6	-	-	-		
89	OHX	1	4190	-	0,6,6	-	-	-		
89	OHX	2	2057	-	0,6,6	-	-	-		
89	OHX	5	3977	-	0,6,6	-	-	-		
89	OHX	1	4205	-	0,6,6	-	-	-		
89	OHX	6	2138	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4211	-	0,6,6	-	-	-		
89	OHX	5	4030	-	0,6,6	-	-	-		
89	OHX	5	3911	-	0,6,6	-	-	-		
89	OHX	6	2142	-	0,6,6	-	-	-		
89	OHX	5	3987	-	0,6,6	-	-	-		
89	OHX	5	4006	-	0,6,6	-	-	-		
89	OHX	5	4007	-	0,6,6	-	-	-		
89	OHX	2	2027	-	0,6,6	-	-	-		
89	OHX	5	4214	-	0,6,6	-	-	-		
89	OHX	5	4044	-	0,6,6	-	-	-		
89	OHX	l3	405	-	0,6,6	-	-	-		
89	OHX	1	4070	-	0,6,6	-	-	-		
89	OHX	8	225	-	0,6,6	-	-	-		
89	OHX	1	4071	-	0,6,6	-	-	-		
89	OHX	2	2068	88	0,6,6	-	-	-		
89	OHX	2	2128	-	0,6,6	-	-	-		
89	OHX	1	4074	-	0,6,6	-	-	-		
89	OHX	6	2178	-	0,6,6	-	-	-		
89	OHX	2	2084	-	0,6,6	-	-	-		
89	OHX	5	4152	-	0,6,6	-	-	-		
89	OHX	1	4174	-	0,6,6	-	-	-		
89	OHX	L3	407	-	0,6,6	-	-	-		
89	OHX	1	4052	-	0,6,6	-	-	-		
89	OHX	5	4124	-	0,6,6	-	-	-		
89	OHX	1	4076	-	0,6,6	-	-	-		
89	OHX	1	3881	-	0,6,6	-	-	-		
89	OHX	5	3928	-	0,6,6	-	-	-		
89	OHX	6	2194	-	0,6,6	-	-	-		
89	OHX	1	3993	88	0,6,6	-	-	-		
89	OHX	2	2039	-	0,6,6	-	-	-		
89	OHX	1	3941	-	0,6,6	-	-	-		
89	OHX	1	4018	-	0,6,6	-	-	-		
89	OHX	2	2093	-	0,6,6	-	-	-		
89	OHX	6	2089	-	0,6,6	-	-	-		
89	OHX	5	4159	-	0,6,6	-	-	-		
89	OHX	1	4023	-	0,6,6	-	-	-		
89	OHX	2	2043	88	0,6,6	-	-	-		
89	OHX	6	2152	-	0,6,6	-	-	-		
89	OHX	5	4000	-	0,6,6	-	-	-		
89	OHX	6	2085	-	0,6,6	-	-	-		
89	OHX	6	2171	88	0,6,6	-	-	-		
89	OHX	1	4183	-	0,6,6	-	-	-		
89	OHX	6	2135	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	2	2117	-	0,6,6	-	-	-		
89	OHX	1	4153	-	0,6,6	-	-	-		
89	OHX	1	4024	-	0,6,6	-	-	-		
89	OHX	2	2174	-	0,6,6	-	-	-		
89	OHX	1	4181	-	0,6,6	-	-	-		
89	OHX	6	2076	-	0,6,6	-	-	-		
89	OHX	7	224	-	0,6,6	-	-	-		
89	OHX	2	2079	88	0,6,6	-	-	-		
89	OHX	1	4173	-	0,6,6	-	-	-		
89	OHX	s8	303	-	0,6,6	-	-	-		
89	OHX	6	2132	-	0,6,6	-	-	-		
89	OHX	2	2115	-	0,6,6	-	-	-		
89	OHX	6	2096	-	0,6,6	-	-	-		
89	OHX	1	4147	-	0,6,6	-	-	-		
89	OHX	2	2053	-	0,6,6	-	-	-		
89	OHX	5	4211	-	0,6,6	-	-	-		
89	OHX	2	2044	-	0,6,6	-	-	-		
89	OHX	6	2057	-	0,6,6	-	-	-		
89	OHX	6	2109	-	0,6,6	-	-	-		
89	OHX	2	2023	-	0,6,6	-	-	-		
89	OHX	1	4051	-	0,6,6	-	-	-		
89	OHX	2	2139	-	0,6,6	-	-	-		
89	OHX	5	3949	-	0,6,6	-	-	-		
89	OHX	5	4071	-	0,6,6	-	-	-		
89	OHX	2	2151	-	0,6,6	-	-	-		
89	OHX	1	4048	-	0,6,6	-	-	-		
89	OHX	4	225	88	0,6,6	-	-	-		
89	OHX	6	2183	-	0,6,6	-	-	-		
89	OHX	2	2040	-	0,6,6	-	-	-		
89	OHX	5	4250	-	0,6,6	-	-	-		
89	OHX	1	3919	-	0,6,6	-	-	-		
89	OHX	2	2125	-	0,6,6	-	-	-		
89	OHX	1	4059	-	0,6,6	-	-	-		
89	OHX	4	232	-	0,6,6	-	-	-		
89	OHX	6	2177	-	0,6,6	-	-	-		
89	OHX	1	3952	-	0,6,6	-	-	-		
89	OHX	2	2166	-	0,6,6	-	-	-		
89	OHX	1	4061	-	0,6,6	-	-	-		
89	OHX	3	217	88	0,6,6	-	-	-		
89	OHX	l5	305	-	0,6,6	-	-	-		
89	OHX	5	3963	-	0,6,6	-	-	-		
89	OHX	1	4091	-	0,6,6	-	-	-		
89	OHX	1	4154	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	6	2167	-	0,6,6	-	-	-		
89	OHX	c1	202	-	0,6,6	-	-	-		
89	OHX	6	2048	-	0,6,6	-	-	-		
89	OHX	1	3887	-	0,6,6	-	-	-		
89	OHX	2	2180	88	0,6,6	-	-	-		
89	OHX	5	4117	-	0,6,6	-	-	-		
89	OHX	1	4203	88	0,6,6	-	-	-		
89	OHX	2	2149	-	0,6,6	-	-	-		
89	OHX	2	2137	-	0,6,6	-	-	-		
89	OHX	1	4057	-	0,6,6	-	-	-		
89	OHX	5	3966	-	0,6,6	-	-	-		
89	OHX	5	3992	-	0,6,6	-	-	-		
89	OHX	5	4129	-	0,6,6	-	-	-		
89	OHX	5	4245	-	0,6,6	-	-	-		
89	OHX	5	4208	-	0,6,6	-	-	-		
89	OHX	5	4033	-	0,6,6	-	-	-		
89	OHX	1	4053	-	0,6,6	-	-	-		
89	OHX	5	4196	88	0,6,6	-	-	-		
89	OHX	6	2141	-	0,6,6	-	-	-		
89	OHX	5	3932	-	0,6,6	-	-	-		
89	OHX	5	4226	-	0,6,6	-	-	-		
89	OHX	1	3916	-	0,6,6	-	-	-		
89	OHX	5	4109	-	0,6,6	-	-	-		
89	OHX	2	2100	-	0,6,6	-	-	-		
89	OHX	2	2105	-	0,6,6	-	-	-		
89	OHX	6	2117	-	0,6,6	-	-	-		
89	OHX	2	2038	-	0,6,6	-	-	-		
89	OHX	5	4011	88	0,6,6	-	-	-		
89	OHX	2	2113	-	0,6,6	-	-	-		
89	OHX	1	3980	-	0,6,6	-	-	-		
89	OHX	6	2079	-	0,6,6	-	-	-		
89	OHX	c5	201	-	0,6,6	-	-	-		
89	OHX	6	2153	88	0,6,6	-	-	-		
89	OHX	5	4135	88	0,6,6	-	-	-		
89	OHX	5	4083	-	0,6,6	-	-	-		
89	OHX	1	3915	-	0,6,6	-	-	-		
89	OHX	1	4087	-	0,6,6	-	-	-		
89	OHX	8	224	-	0,6,6	-	-	-		
89	OHX	1	3930	-	0,6,6	-	-	-		
89	OHX	1	4204	-	0,6,6	-	-	-		
89	OHX	5	4241	-	0,6,6	-	-	-		
89	OHX	5	4104	-	0,6,6	-	-	-		
89	OHX	1	4072	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	3898	-	0,6,6	-	-	-		
89	OHX	1	4037	-	0,6,6	-	-	-		
89	OHX	1	4093	-	0,6,6	-	-	-		
89	OHX	2	2121	-	0,6,6	-	-	-		
89	OHX	6	2106	-	0,6,6	-	-	-		
89	OHX	1	3927	88	0,6,6	-	-	-		
89	OHX	O7	103	88	0,6,6	-	-	-		
89	OHX	5	3989	-	0,6,6	-	-	-		
89	OHX	5	4144	88	0,6,6	-	-	-		
89	OHX	6	2087	-	0,6,6	-	-	-		
89	OHX	8	229	-	0,6,6	-	-	-		
89	OHX	5	4054	88	0,6,6	-	-	-		
89	OHX	C8	202	-	0,6,6	-	-	-		
89	OHX	5	4198	-	0,6,6	-	-	-		
89	OHX	2	2107	-	0,6,6	-	-	-		
89	OHX	5	4247	-	0,6,6	-	-	-		
89	OHX	6	2130	-	0,6,6	-	-	-		
89	OHX	1	4060	-	0,6,6	-	-	-		
89	OHX	1	4006	-	0,6,6	-	-	-		
89	OHX	5	4008	-	0,6,6	-	-	-		
89	OHX	1	3977	-	0,6,6	-	-	-		
89	OHX	3	215	-	0,6,6	-	-	-		
89	OHX	2	2136	-	0,6,6	-	-	-		
89	OHX	6	2072	-	0,6,6	-	-	-		
89	OHX	1	3901	-	0,6,6	-	-	-		
89	OHX	5	3945	-	0,6,6	-	-	-		
89	OHX	5	4157	-	0,6,6	-	-	-		
89	OHX	5	4206	-	0,6,6	-	-	-		
89	OHX	6	2125	-	0,6,6	-	-	-		
89	OHX	5	4121	-	0,6,6	-	-	-		
89	OHX	2	2110	-	0,6,6	-	-	-		
89	OHX	2	2041	-	0,6,6	-	-	-		
89	OHX	1	3917	-	0,6,6	-	-	-		
89	OHX	6	2166	-	0,6,6	-	-	-		
89	OHX	5	3984	-	0,6,6	-	-	-		
89	OHX	1	3921	-	0,6,6	-	-	-		
89	OHX	5	4161	-	0,6,6	-	-	-		
89	OHX	5	4118	-	0,6,6	-	-	-		
89	OHX	5	3970	-	0,6,6	-	-	-		
89	OHX	5	4167	-	0,6,6	-	-	-		
89	OHX	2	2058	88	0,6,6	-	-	-		
89	OHX	5	3954	-	0,6,6	-	-	-		
89	OHX	1	3991	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	1	4096	-	0,6,6	-	-	-		
89	OHX	6	2121	-	0,6,6	-	-	-		
89	OHX	5	4035	-	0,6,6	-	-	-		
89	OHX	5	4229	88	0,6,6	-	-	-		
89	OHX	D3	201	-	0,6,6	-	-	-		
89	OHX	s1	302	88	0,6,6	-	-	-		
89	OHX	6	2146	-	0,6,6	-	-	-		
89	OHX	1	4150	-	0,6,6	-	-	-		
89	OHX	2	2090	-	0,6,6	-	-	-		
89	OHX	5	4069	-	0,6,6	-	-	-		
89	OHX	1	4009	-	0,6,6	-	-	-		
89	OHX	4	224	-	0,6,6	-	-	-		
89	OHX	1	4184	-	0,6,6	-	-	-		
89	OHX	6	2165	-	0,6,6	-	-	-		
89	OHX	5	3983	-	0,6,6	-	-	-		
89	OHX	6	2077	-	0,6,6	-	-	-		
89	OHX	2	2096	-	0,6,6	-	-	-		
89	OHX	5	4154	-	0,6,6	-	-	-		
89	OHX	5	4225	-	0,6,6	-	-	-		
89	OHX	1	4064	-	0,6,6	-	-	-		
89	OHX	5	4193	-	0,6,6	-	-	-		
89	OHX	1	4137	-	0,6,6	-	-	-		
89	OHX	1	4035	-	0,6,6	-	-	-		
89	OHX	1	4062	-	0,6,6	-	-	-		
89	OHX	6	2170	-	0,6,6	-	-	-		
89	OHX	2	2154	-	0,6,6	-	-	-		
89	OHX	1	4141	88	0,6,6	-	-	-		
89	OHX	6	2198	-	0,6,6	-	-	-		
89	OHX	5	3900	-	0,6,6	-	-	-		
89	OHX	5	4086	-	0,6,6	-	-	-		
89	OHX	5	3927	-	0,6,6	-	-	-		
89	OHX	1	3956	88	0,6,6	-	-	-		
89	OHX	5	4078	-	0,6,6	-	-	-		
89	OHX	1	3981	-	0,6,6	-	-	-		
89	OHX	2	2033	-	0,6,6	-	-	-		
89	OHX	5	3967	88	0,6,6	-	-	-		
89	OHX	6	2054	-	0,6,6	-	-	-		
89	OHX	2	2098	-	0,6,6	-	-	-		
89	OHX	6	2195	-	0,6,6	-	-	-		
89	OHX	5	3950	-	0,6,6	-	-	-		
89	OHX	5	4194	-	0,6,6	-	-	-		
89	OHX	6	2197	-	0,6,6	-	-	-		
89	OHX	5	3961	88	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4052	-	0,6,6	-	-	-		
89	OHX	2	2051	-	0,6,6	-	-	-		
89	OHX	1	4066	88	0,6,6	-	-	-		
89	OHX	5	4186	-	0,6,6	-	-	-		
89	OHX	2	2088	-	0,6,6	-	-	-		
89	OHX	2	2074	-	0,6,6	-	-	-		
89	OHX	1	4001	-	0,6,6	-	-	-		
89	OHX	5	3940	-	0,6,6	-	-	-		
89	OHX	5	4215	-	0,6,6	-	-	-		
89	OHX	5	4021	-	0,6,6	-	-	-		
89	OHX	5	4028	88	0,6,6	-	-	-		
89	OHX	1	4043	-	0,6,6	-	-	-		
89	OHX	1	4199	-	0,6,6	-	-	-		
89	OHX	5	4141	-	0,6,6	-	-	-		
89	OHX	1	4164	-	0,6,6	-	-	-		
89	OHX	4	223	-	0,6,6	-	-	-		
89	OHX	5	3969	-	0,6,6	-	-	-		
89	OHX	5	4009	-	0,6,6	-	-	-		
89	OHX	5	4251	88	0,6,6	-	-	-		
89	OHX	1	4185	-	0,6,6	-	-	-		
89	OHX	2	2078	-	0,6,6	-	-	-		
89	OHX	5	3939	-	0,6,6	-	-	-		
89	OHX	6	2059	-	0,6,6	-	-	-		
89	OHX	5	4029	-	0,6,6	-	-	-		
89	OHX	1	4056	-	0,6,6	-	-	-		
89	OHX	1	3971	-	0,6,6	-	-	-		
89	OHX	1	4014	-	0,6,6	-	-	-		
89	OHX	5	4093	-	0,6,6	-	-	-		
89	OHX	1	3951	-	0,6,6	-	-	-		
89	OHX	5	3913	-	0,6,6	-	-	-		
89	OHX	1	4055	88	0,6,6	-	-	-		
89	OHX	1	4084	88	0,6,6	-	-	-		
89	OHX	5	4125	88	0,6,6	-	-	-		
89	OHX	5	4170	-	0,6,6	-	-	-		
89	OHX	6	2172	-	0,6,6	-	-	-		
89	OHX	2	2045	-	0,6,6	-	-	-		
89	OHX	1	3979	-	0,6,6	-	-	-		
89	OHX	6	2185	-	0,6,6	-	-	-		
89	OHX	1	3896	-	0,6,6	-	-	-		
89	OHX	2	2148	-	0,6,6	-	-	-		
89	OHX	5	3920	88	0,6,6	-	-	-		
89	OHX	6	2078	-	0,6,6	-	-	-		
89	OHX	5	3971	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	3995	88	0,6,6	-	-	-		
89	OHX	5	3933	-	0,6,6	-	-	-		
89	OHX	5	4066	-	0,6,6	-	-	-		
89	OHX	1	3882	-	0,6,6	-	-	-		
89	OHX	5	4240	-	0,6,6	-	-	-		
89	OHX	4	231	-	0,6,6	-	-	-		
89	OHX	C5	201	-	0,6,6	-	-	-		
89	OHX	1	3995	-	0,6,6	-	-	-		
89	OHX	1	4098	-	0,6,6	-	-	-		
89	OHX	5	4088	88	0,6,6	-	-	-		
89	OHX	5	4127	-	0,6,6	-	-	-		
89	OHX	1	4177	-	0,6,6	-	-	-		
89	OHX	15	304	-	0,6,6	-	-	-		
89	OHX	2	2138	-	0,6,6	-	-	-		
89	OHX	6	2100	-	0,6,6	-	-	-		
89	OHX	6	2148	-	0,6,6	-	-	-		
89	OHX	5	4050	-	0,6,6	-	-	-		
89	OHX	1	4128	-	0,6,6	-	-	-		
89	OHX	6	2066	88	0,6,6	-	-	-		
89	OHX	2	2091	-	0,6,6	-	-	-		
89	OHX	5	3948	-	0,6,6	-	-	-		
89	OHX	2	2055	-	0,6,6	-	-	-		
89	OHX	2	2131	-	0,6,6	-	-	-		
89	OHX	1	3888	-	0,6,6	-	-	-		
89	OHX	5	4231	-	0,6,6	-	-	-		
89	OHX	5	4255	-	0,6,6	-	-	-		
89	OHX	5	4027	88	0,6,6	-	-	-		
89	OHX	1	4013	-	0,6,6	-	-	-		
89	OHX	3	225	-	0,6,6	-	-	-		
89	OHX	5	4013	-	0,6,6	-	-	-		
89	OHX	2	2075	-	0,6,6	-	-	-		
89	OHX	6	2139	-	0,6,6	-	-	-		
89	OHX	5	4040	-	0,6,6	-	-	-		
89	OHX	6	2074	-	0,6,6	-	-	-		
89	OHX	1	3963	-	0,6,6	-	-	-		
89	OHX	2	2086	-	0,6,6	-	-	-		
89	OHX	M8	201	-	0,6,6	-	-	-		
89	OHX	5	4110	-	0,6,6	-	-	-		
89	OHX	1	4221	-	0,6,6	-	-	-		
89	OHX	6	2155	-	0,6,6	-	-	-		
89	OHX	5	4160	-	0,6,6	-	-	-		
89	OHX	5	4022	-	0,6,6	-	-	-		
89	OHX	2	2162	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	5	4252	-	0,6,6	-	-	-		
89	OHX	1	3928	-	0,6,6	-	-	-		
89	OHX	1	4049	-	0,6,6	-	-	-		
89	OHX	1	4019	-	0,6,6	-	-	-		
89	OHX	5	4130	-	0,6,6	-	-	-		
89	OHX	2	2108	-	0,6,6	-	-	-		
89	OHX	2	2135	-	0,6,6	-	-	-		
89	OHX	2	2165	-	0,6,6	-	-	-		
89	OHX	1	3884	-	0,6,6	-	-	-		
89	OHX	5	4207	-	0,6,6	-	-	-		
89	OHX	1	4000	-	0,6,6	-	-	-		
89	OHX	5	4024	-	0,6,6	-	-	-		
89	OHX	5	3953	-	0,6,6	-	-	-		
89	OHX	1	4028	-	0,6,6	-	-	-		
89	OHX	1	4121	-	0,6,6	-	-	-		
89	OHX	1	3986	88	0,6,6	-	-	-		
89	OHX	5	4140	-	0,6,6	-	-	-		
89	OHX	1	4200	-	0,6,6	-	-	-		
89	OHX	6	2111	88	0,6,6	-	-	-		
89	OHX	3	221	-	0,6,6	-	-	-		
89	OHX	5	3962	88	0,6,6	-	-	-		
89	OHX	5	4139	-	0,6,6	-	-	-		
89	OHX	14	403	-	0,6,6	-	-	-		
89	OHX	1	3897	88	0,6,6	-	-	-		
89	OHX	2	2118	-	0,6,6	-	-	-		
89	OHX	14	404	-	0,6,6	-	-	-		
89	OHX	6	2088	88	0,6,6	-	-	-		
89	OHX	5	4041	-	0,6,6	-	-	-		
89	OHX	5	3947	-	0,6,6	-	-	-		
89	OHX	6	2157	-	0,6,6	-	-	-		
89	OHX	5	4149	-	0,6,6	-	-	-		
89	OHX	2	2071	-	0,6,6	-	-	-		
89	OHX	1	4209	-	0,6,6	-	-	-		
89	OHX	5	4134	-	0,6,6	-	-	-		
89	OHX	5	4213	88	0,6,6	-	-	-		
89	OHX	1	4077	-	0,6,6	-	-	-		
89	OHX	5	3968	-	0,6,6	-	-	-		
89	OHX	5	4025	-	0,6,6	-	-	-		
89	OHX	6	2123	-	0,6,6	-	-	-		
89	OHX	1	4036	-	0,6,6	-	-	-		
89	OHX	1	3932	88	0,6,6	-	-	-		
89	OHX	1	4047	-	0,6,6	-	-	-		
89	OHX	5	4034	-	0,6,6	-	-	-		

Mol	Type	Chain	Res	Link	Bond lengths			Bond angles		
					Counts	RMSZ	# Z > 2	Counts	RMSZ	# Z > 2
89	OHX	6	2091	-	0,6,6	-	-	-		
89	OHX	2	2026	-	0,6,6	-	-	-		
89	OHX	6	2055	-	0,6,6	-	-	-		
89	OHX	n3	203	-	0,6,6	-	-	-		
89	OHX	8	221	-	0,6,6	-	-	-		
89	OHX	1	4086	-	0,6,6	-	-	-		
89	OHX	1	3949	-	0,6,6	-	-	-		
89	OHX	6	2116	-	0,6,6	-	-	-		
89	OHX	1	3929	-	0,6,6	-	-	-		
89	OHX	5	3908	-	0,6,6	-	-	-		
89	OHX	1	3904	-	0,6,6	-	-	-		
89	OHX	1	4082	-	0,6,6	-	-	-		
89	OHX	6	2046	-	0,6,6	-	-	-		
89	OHX	m0	302	-	0,6,6	-	-	-		
89	OHX	1	3988	-	0,6,6	-	-	-		
89	OHX	2	2097	-	0,6,6	-	-	-		
89	OHX	5	3964	88	0,6,6	-	-	-		
89	OHX	6	2075	88	0,6,6	-	-	-		
89	OHX	5	3955	-	0,6,6	-	-	-		

There are no bond length outliers.

There are no bond angle outliers.

There are no chirality outliers.

There are no torsion outliers.

There are no ring outliers.

No monomer is involved in short contacts.

4.7 Other polymers [i](#)

There are no such residues in this entry.

4.8 Polymer linkage issues [i](#)

The following chains have linkage breaks:

Mol	Chain	Number of breaks
83	m2	2

All chain breaks are listed below:

Model	Chain	Residue-1	Atom-1	Residue-2	Atom-2	Distance (Å)
1	m2	23:UNK	C	28:UNK	N	3.58
1	m2	52:UNK	C	54:UNK	N	3.06

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%)	-0.15	16 (0%) 81 64	41, 78, 197, 349	0
1	6	1795/1800 (99%)	-0.30	22 (1%) 76 58	32, 61, 204, 344	0
2	S0	206/251 (82%)	0.22	7 (3%) 48 30	76, 100, 158, 210	0
2	s0	206/251 (82%)	-0.07	4 (1%) 66 46	61, 79, 124, 217	0
3	S1	214/254 (84%)	0.47	8 (3%) 45 28	67, 120, 182, 222	0
3	s1	216/254 (85%)	-0.22	0 100 100	46, 68, 110, 185	0
4	S2	217/253 (85%)	0.01	5 (2%) 61 41	54, 83, 116, 182	0
4	s2	217/253 (85%)	-0.04	10 (4%) 37 23	41, 64, 119, 179	0
5	S3	223/239 (93%)	0.02	3 (1%) 75 55	60, 84, 140, 236	0
5	s3	223/239 (93%)	-0.04	2 (0%) 81 64	45, 85, 143, 177	0
6	S4	260/260 (100%)	-0.06	3 (1%) 76 58	60, 79, 120, 181	0
6	s4	260/260 (100%)	-0.36	0 100 100	44, 62, 100, 176	0
7	S5	206/224 (91%)	0.20	3 (1%) 72 52	65, 104, 159, 238	0
7	s5	206/224 (91%)	-0.03	2 (0%) 79 63	46, 78, 134, 205	0
8	S6	226/236 (95%)	0.16	8 (3%) 47 29	50, 89, 148, 187	0
8	s6	218/236 (92%)	-0.18	1 (0%) 87 76	41, 70, 119, 221	0
9	S7	184/189 (97%)	0.13	4 (2%) 62 42	69, 106, 164, 214	0
9	s7	186/189 (98%)	-0.02	1 (0%) 87 76	55, 91, 155, 206	0
10	S8	188/200 (94%)	0.02	4 (2%) 63 43	41, 62, 120, 183	0
10	s8	188/200 (94%)	-0.13	1 (0%) 87 76	30, 57, 109, 136	0
11	S9	185/196 (94%)	0.30	9 (4%) 35 22	66, 92, 140, 223	0
11	s9	185/196 (94%)	0.01	4 (2%) 62 42	49, 69, 132, 176	0
12	C0	96/105 (91%)	0.34	1 (1%) 79 63	64, 97, 146, 220	0
13	C1	155/155 (100%)	0.17	11 (7%) 22 14	41, 63, 169, 234	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
13	c1	146/155 (94%)	-0.06	3 (2%) 63 43	33, 51, 124, 195	0
14	C2	124/142 (87%)	0.52	6 (4%) 35 22	92, 132, 206, 244	0
14	c2	124/142 (87%)	0.98	12 (9%) 13 9	137, 181, 244, 299	0
15	C3	150/150 (100%)	0.01	2 (1%) 75 55	48, 78, 119, 191	0
15	c3	150/150 (100%)	-0.22	0 100 100	37, 60, 94, 127	0
16	C4	127/136 (93%)	0.77	10 (7%) 18 12	57, 121, 166, 204	0
16	c4	128/136 (94%)	-0.08	1 (0%) 82 67	44, 71, 97, 130	0
17	C5	124/141 (87%)	0.18	5 (4%) 42 26	61, 84, 159, 203	0
17	c5	135/141 (95%)	0.20	4 (2%) 52 33	51, 85, 161, 201	0
18	C6	141/142 (99%)	0.24	2 (1%) 73 54	74, 90, 121, 198	0
18	c6	142/142 (100%)	0.17	5 (3%) 47 29	51, 71, 116, 160	0
19	C7	120/136 (88%)	0.37	5 (4%) 40 25	68, 95, 174, 194	0
19	c7	117/136 (86%)	0.27	4 (3%) 48 30	55, 78, 134, 204	0
20	C8	145/145 (100%)	0.14	2 (1%) 73 54	59, 93, 139, 156	0
20	c8	145/145 (100%)	-0.08	3 (2%) 63 43	54, 73, 119, 147	0
21	C9	143/143 (100%)	0.36	7 (4%) 35 22	76, 94, 136, 178	0
21	c9	143/143 (100%)	-0.13	0 100 100	44, 66, 109, 166	0
22	D0	107/120 (89%)	0.41	5 (4%) 36 23	66, 92, 178, 217	0
22	d0	110/120 (91%)	0.32	2 (1%) 67 48	49, 86, 182, 238	0
23	D1	87/87 (100%)	-0.06	2 (2%) 61 41	83, 95, 132, 169	0
23	d1	87/87 (100%)	-0.39	0 100 100	56, 69, 102, 179	0
24	D2	129/129 (100%)	-0.14	0 100 100	58, 74, 98, 108	0
24	d2	129/129 (100%)	-0.38	0 100 100	36, 50, 70, 90	0
25	D3	144/144 (100%)	-0.07	4 (2%) 55 35	37, 57, 90, 136	0
25	d3	144/144 (100%)	-0.38	2 (1%) 73 54	30, 40, 69, 138	0
26	D4	134/134 (100%)	0.20	4 (2%) 52 33	56, 96, 146, 223	0
26	d4	134/134 (100%)	-0.05	2 (1%) 72 52	43, 71, 118, 198	0
27	D5	70/107 (65%)	0.34	4 (5%) 29 19	89, 121, 178, 209	0
27	d5	69/107 (64%)	0.13	1 (1%) 73 54	67, 95, 152, 160	0
28	D6	97/97 (100%)	0.41	6 (6%) 26 17	58, 94, 181, 235	0
28	d6	97/97 (100%)	0.03	0 100 100	41, 65, 113, 159	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
29	D7	81/81 (100%)	0.29	2 (2%) 58 39	71, 95, 164, 222	0
29	d7	81/81 (100%)	-0.08	0 100 100	50, 71, 154, 206	0
30	D8	63/66 (95%)	0.45	3 (4%) 35 22	77, 118, 179, 231	0
30	d8	63/66 (95%)	0.27	0 100 100	69, 100, 144, 166	0
31	D9	53/55 (96%)	0.21	3 (5%) 29 19	64, 71, 100, 146	0
31	d9	53/55 (96%)	0.28	1 (1%) 66 46	51, 64, 97, 161	0
32	E0	60/60 (100%)	0.26	1 (1%) 69 49	53, 93, 160, 200	0
33	E1	71/76 (93%)	0.74	9 (12%) 8 6	89, 119, 186, 212	0
34	SR	318/318 (100%)	0.10	5 (1%) 70 51	81, 106, 156, 226	0
34	sR	318/318 (100%)	0.08	2 (0%) 85 73	70, 99, 155, 211	0
35	SM	159/273 (58%)	0.37	8 (5%) 34 22	50, 93, 168, 196	0
35	sM	104/273 (38%)	0.59	12 (11%) 9 7	60, 105, 190, 220	0
36	1	3149/3396 (92%)	-0.55	24 (0%) 82 67	26, 44, 162, 334	0
36	5	3150/3396 (92%)	-0.60	24 (0%) 82 67	24, 42, 142, 343	0
37	3	121/121 (100%)	-0.73	0 100 100	32, 60, 82, 126	0
37	7	121/121 (100%)	-0.75	0 100 100	25, 47, 61, 125	0
38	4	158/158 (100%)	-0.67	2 (1%) 75 55	29, 47, 96, 203	0
38	8	158/158 (100%)	-0.59	2 (1%) 75 55	32, 53, 121, 197	0
39	L2	252/253 (99%)	-0.41	3 (1%) 76 58	29, 42, 71, 140	0
39	l2	252/253 (99%)	-0.27	7 (2%) 55 35	24, 42, 74, 143	0
40	L3	386/386 (100%)	-0.36	1 (0%) 90 81	27, 49, 80, 169	0
40	l3	386/386 (100%)	-0.56	0 100 100	21, 34, 60, 126	0
41	L4	361/361 (100%)	-0.45	2 (0%) 85 73	24, 41, 72, 119	0
41	l4	361/361 (100%)	-0.43	0 100 100	28, 44, 75, 122	0
42	L5	296/296 (100%)	-0.13	3 (1%) 79 63	42, 68, 118, 173	0
42	l5	294/296 (99%)	-0.32	2 (0%) 84 69	30, 49, 96, 193	0
43	L6	156/175 (89%)	-0.53	0 100 100	31, 43, 80, 134	0
43	l6	157/175 (89%)	-0.39	0 100 100	31, 44, 93, 154	0
44	L7	222/243 (91%)	-0.58	0 100 100	21, 34, 79, 196	0
44	l7	223/243 (91%)	-0.55	0 100 100	22, 33, 80, 178	0
45	L8	233/255 (91%)	-0.17	1 (0%) 88 79	42, 63, 133, 225	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
45	l8	231/255 (90%)	0.00	8 (3%) 47 29	51, 72, 118, 185	0
46	L9	191/191 (100%)	-0.27	1 (0%) 87 76	42, 58, 87, 163	0
46	l9	191/191 (100%)	-0.59	1 (0%) 87 76	26, 37, 76, 194	0
47	M0	211/220 (95%)	-0.23	9 (4%) 40 24	33, 50, 118, 262	0
47	m0	213/220 (96%)	-0.27	5 (2%) 61 41	34, 52, 102, 205	0
48	M1	169/173 (97%)	-0.10	1 (0%) 85 73	49, 73, 110, 143	0
48	m1	169/173 (97%)	-0.36	1 (0%) 85 73	37, 51, 84, 139	0
49	M3	193/198 (97%)	-0.30	2 (1%) 79 63	26, 48, 115, 223	0
49	m3	194/198 (97%)	-0.23	2 (1%) 79 63	34, 56, 114, 166	0
50	M4	136/137 (99%)	-0.43	1 (0%) 84 69	35, 45, 81, 125	0
50	m4	137/137 (100%)	-0.51	2 (1%) 72 52	26, 38, 75, 153	0
51	M5	203/203 (100%)	-0.37	1 (0%) 87 76	27, 39, 55, 81	0
51	m5	203/203 (100%)	-0.20	1 (0%) 87 76	30, 48, 63, 88	0
52	M6	197/198 (99%)	-0.42	1 (0%) 87 76	26, 37, 67, 132	0
52	m6	197/198 (99%)	-0.59	2 (1%) 79 63	19, 26, 65, 146	0
53	M7	183/183 (100%)	-0.19	6 (3%) 49 30	27, 39, 150, 209	0
53	m7	155/183 (84%)	-0.50	2 (1%) 75 55	21, 34, 61, 156	0
54	M8	185/185 (100%)	-0.46	1 (0%) 87 76	27, 38, 52, 79	0
54	m8	185/185 (100%)	-0.46	1 (0%) 87 76	31, 42, 60, 112	0
55	M9	188/188 (100%)	-0.02	3 (1%) 70 51	43, 60, 162, 210	0
55	m9	188/188 (100%)	-0.22	1 (0%) 87 76	36, 51, 137, 218	0
56	N0	172/172 (100%)	-0.47	1 (0%) 85 73	33, 43, 75, 150	0
56	n0	172/172 (100%)	-0.57	2 (1%) 76 58	23, 33, 61, 127	0
57	N1	159/159 (100%)	-0.33	0 100 100	29, 42, 93, 164	0
57	n1	159/159 (100%)	-0.35	0 100 100	28, 37, 91, 153	0
58	N2	100/120 (83%)	0.12	1 (1%) 79 63	62, 91, 143, 184	0
58	n2	98/120 (81%)	0.12	1 (1%) 79 63	56, 80, 117, 161	0
59	N3	136/136 (100%)	-0.40	3 (2%) 62 42	29, 46, 84, 164	0
59	n3	136/136 (100%)	-0.50	3 (2%) 62 42	22, 33, 68, 140	0
60	N4	98/155 (63%)	0.41	12 (12%) 8 6	39, 63, 228, 293	0
60	n4	135/155 (87%)	0.09	4 (2%) 52 33	30, 80, 169, 219	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
61	N5	121/141 (85%)	-0.16	2 (1%) 69 49	39, 56, 88, 144	0
61	n5	120/141 (85%)	-0.19	1 (0%) 82 67	40, 55, 99, 123	0
62	N6	126/126 (100%)	-0.34	0 100 100	33, 51, 82, 112	0
62	n6	126/126 (100%)	-0.18	2 (1%) 70 51	41, 53, 87, 149	0
63	N7	135/135 (100%)	-0.19	0 100 100	55, 74, 112, 152	0
63	n7	135/135 (100%)	0.20	4 (2%) 52 33	61, 85, 131, 164	0
64	N8	148/148 (100%)	-0.44	0 100 100	25, 37, 72, 164	0
64	n8	148/148 (100%)	-0.39	0 100 100	25, 44, 77, 118	0
65	N9	58/58 (100%)	0.03	3 (5%) 33 21	27, 46, 114, 158	0
65	n9	58/58 (100%)	-0.02	3 (5%) 33 21	29, 50, 103, 130	0
66	O0	97/104 (93%)	-0.18	0 100 100	58, 75, 124, 140	0
66	o0	100/104 (96%)	-0.09	3 (3%) 52 33	52, 72, 129, 173	0
67	O1	109/112 (97%)	-0.10	2 (1%) 67 48	31, 56, 132, 172	0
67	o1	109/112 (97%)	-0.29	1 (0%) 81 64	29, 45, 118, 181	0
68	O2	127/129 (98%)	-0.41	2 (1%) 70 51	20, 34, 64, 138	0
68	o2	127/129 (98%)	-0.35	4 (3%) 51 32	19, 38, 68, 128	0
69	O3	106/106 (100%)	-0.44	1 (0%) 81 64	26, 34, 62, 144	0
69	o3	106/106 (100%)	-0.49	1 (0%) 81 64	23, 31, 60, 141	0
70	O4	112/120 (93%)	0.04	1 (0%) 81 64	41, 56, 119, 212	0
70	o4	112/120 (93%)	-0.06	0 100 100	34, 55, 108, 175	0
71	O5	119/119 (100%)	-0.12	1 (0%) 82 67	36, 57, 88, 130	0
71	o5	119/119 (100%)	-0.06	2 (1%) 69 49	44, 62, 94, 134	0
72	O6	99/99 (100%)	-0.14	1 (1%) 79 63	44, 57, 102, 178	0
72	o6	99/99 (100%)	-0.08	1 (1%) 79 63	50, 62, 108, 159	0
73	O7	87/87 (100%)	-0.20	3 (3%) 48 30	27, 38, 64, 197	0
73	o7	87/87 (100%)	-0.26	2 (2%) 61 41	29, 38, 76, 175	0
74	O8	77/77 (100%)	-0.02	0 100 100	59, 82, 116, 161	0
74	o8	77/77 (100%)	0.02	1 (1%) 75 55	59, 80, 129, 144	0
75	O9	50/50 (100%)	-0.02	1 (2%) 65 45	40, 46, 66, 89	0
75	o9	50/50 (100%)	-0.09	1 (2%) 65 45	41, 46, 71, 103	0
76	Q0	52/52 (100%)	-0.13	1 (1%) 66 46	42, 51, 75, 109	0

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Mol	Chain	Analysed	<RSRZ>	#RSRZ>2	OWAB(Å ²)	Q<0.9
76	q0	52/52 (100%)	-0.37	1 (1%) 66 46	26, 32, 63, 145	0
77	Q1	25/25 (100%)	0.01	0 100 100	45, 49, 68, 83	0
77	q1	25/25 (100%)	-0.01	0 100 100	34, 42, 60, 73	0
78	Q2	105/105 (100%)	-0.27	1 (0%) 79 63	28, 45, 83, 170	0
78	q2	105/105 (100%)	-0.35	0 100 100	30, 46, 83, 174	0
79	Q3	91/91 (100%)	-0.35	0 100 100	31, 49, 85, 117	0
79	q3	91/91 (100%)	-0.33	1 (1%) 78 61	24, 47, 79, 97	0
80	c0	96/105 (91%)	0.60	4 (4%) 40 25	68, 108, 166, 240	0
81	e0	62/62 (100%)	0.05	1 (1%) 70 51	53, 69, 167, 247	0
82	e1	76/76 (100%)	1.10	15 (19%) 3 2	112, 154, 206, 247	0
83	m2	0/160	-	-	-	-
84	p0	143/311 (45%)	0.47	7 (4%) 35 22	62, 102, 177, 269	0
85	p1	0/47	-	-	-	-
86	p2	0/46	-	-	-	-
87	A	3/3 (100%)	0.97	0 100 100	28, 28, 51, 115	0
87	B	3/3 (100%)	0.45	0 100 100	33, 33, 50, 120	0
All	All	33069/35352 (93%)	-0.22	502 (1%) 72 52	19, 60, 147, 349	0

All (502) RSRZ outliers are listed below:

Mol	Chain	Res	Type	RSRZ
16	C4	15	GLY	6.2
39	l2	248	GLY	6.0
4	s2	90	THR	6.0
4	s2	93	GLY	5.9
4	s2	92	ALA	5.8
76	q0	77	ILE	5.7
47	M0	112	GLN	5.5
11	S9	2	PRO	5.2
52	M6	3	VAL	4.9
28	D6	6	ALA	4.8
73	o7	88	ALA	4.7
32	E0	2	ALA	4.7
84	p0	192	ASP	4.7
53	M7	182	ILE	4.6
53	M7	184	ALA	4.6
22	D0	19	ILE	4.5

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Mol	Chain	Res	Type	RSRZ
82	e1	77	ALA	4.4
82	e1	78	LYS	4.4
65	N9	25	LYS	4.4
17	c5	4	ALA	4.4
39	l2	252	THR	4.4
82	e1	79	LYS	4.3
39	l2	247	ARG	4.3
13	C1	2	SER	4.3
36	1	1103	A	4.3
11	S9	16	LYS	4.2
42	l5	270	LYS	4.2
36	1	2404	A	4.2
13	c1	5	LEU	4.1
47	m0	195	ALA	4.1
60	N4	86	SER	4.1
25	D3	3	LYS	4.0
1	2	320	U	4.0
82	e1	80	ARG	4.0
18	C6	132	LYS	4.0
46	l9	191	LEU	4.0
7	S5	37	GLN	3.9
33	E1	87	THR	3.9
73	O7	87	SER	3.9
10	S8	8	ARG	3.9
10	S8	21	PHE	3.9
17	C5	53	PRO	3.8
4	s2	89	GLN	3.8
65	n9	22	LYS	3.8
7	s5	37	GLN	3.7
60	N4	84	GLY	3.7
13	c1	144	ALA	3.7
4	s2	96	THR	3.7
36	5	437	G	3.7
82	e1	145	HIS	3.7
18	c6	3	ALA	3.6
11	s9	2	PRO	3.6
26	D4	134	ALA	3.6
73	O7	88	ALA	3.6
56	N0	1	MET	3.6
36	5	3275	U	3.6
39	l2	213	GLY	3.6
59	n3	3	GLY	3.6

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Mol	Chain	Res	Type	RSRZ
47	M0	102	MET	3.6
16	C4	124	ASP	3.6
13	C1	145	ALA	3.5
5	s3	145	ALA	3.5
55	m9	183	ALA	3.5
1	6	678	A	3.5
36	5	2971	A	3.5
4	s2	91	ARG	3.5
47	M0	220	GLN	3.5
34	sR	121	MET	3.5
1	6	1537	C	3.5
36	5	2873	U	3.5
60	N4	89	LEU	3.4
29	D7	38	PRO	3.4
16	C4	41	ARG	3.4
19	c7	104	ASN	3.4
4	S2	93	GLY	3.4
36	1	1820	U	3.4
39	l2	246	LEU	3.4
17	c5	138	PHE	3.3
16	C4	37	GLU	3.3
31	d9	6	VAL	3.3
36	5	1582	C	3.3
12	C0	89	ALA	3.3
19	C7	97	ASN	3.3
14	c2	123	VAL	3.3
1	6	663	U	3.3
8	S6	78	THR	3.3
68	O2	26	HIS	3.3
16	C4	39	ILE	3.3
16	C4	40	ALA	3.3
35	sM	66	ALA	3.3
35	sM	40	PRO	3.3
36	5	1192	C	3.3
5	S3	179	GLN	3.3
8	S6	80	ASN	3.3
21	C9	85	SER	3.2
11	S9	5	PRO	3.2
61	N5	23	ALA	3.2
2	S0	32	HIS	3.2
50	m4	9	ALA	3.2
59	n3	4	ASN	3.2

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Mol	Chain	Res	Type	RSRZ
60	N4	83	THR	3.2
36	1	1349	G	3.2
60	N4	76	VAL	3.2
35	sM	119	ALA	3.2
68	o2	128	LEU	3.1
53	M7	165	VAL	3.1
3	S1	46	THR	3.1
21	C9	87	GLY	3.1
1	6	794	U	3.1
36	1	979	U	3.1
36	1	1574	C	3.1
1	2	238	U	3.1
1	2	261	U	3.1
80	c0	25	LYS	3.1
22	D0	120	SER	3.1
39	l2	249	SER	3.1
14	c2	126	TRP	3.1
62	n6	127	GLU	3.1
63	n7	2	ALA	3.1
20	c8	17	LEU	3.0
39	l2	253	GLN	3.0
42	l5	4	GLN	3.0
1	2	1657	U	3.0
1	6	1285	U	3.0
45	l8	124	ASP	3.0
49	M3	130	GLY	3.0
13	C1	156	PHE	3.0
60	N4	75	THR	3.0
2	s0	204	TYR	3.0
36	1	1581	C	3.0
19	c7	103	ASP	3.0
48	M1	11	ASP	3.0
30	D8	17	GLY	3.0
36	1	1955	U	3.0
10	S8	152	ILE	3.0
35	sM	50	ASN	2.9
47	m0	103	LEU	2.9
50	M4	9	ALA	2.9
2	S0	204	TYR	2.9
16	C4	29	HIS	2.9
60	N4	88	ASP	2.9
47	m0	221	ALA	2.9

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Mol	Chain	Res	Type	RSRZ
46	L9	191	LEU	2.9
26	d4	127	LYS	2.9
16	C4	27	PHE	2.9
56	n0	1	MET	2.9
63	n7	128	GLN	2.9
2	S0	207	PRO	2.9
74	o8	2	ALA	2.9
80	c0	84	GLU	2.9
1	6	656	G	2.9
36	5	3154	C	2.8
45	l8	25	PRO	2.8
82	e1	147	VAL	2.8
47	M0	114	GLY	2.8
47	M0	221	ALA	2.8
36	5	3276	G	2.8
71	o5	120	ALA	2.8
84	p0	107	ALA	2.8
34	SR	102	ARG	2.8
2	S0	2	SER	2.8
5	s3	148	LYS	2.8
82	e1	102	VAL	2.8
35	sM	120	GLU	2.8
19	c7	97	ASN	2.8
53	M7	161	ALA	2.8
69	O3	60	ARG	2.8
47	M0	113	GLN	2.8
84	p0	106	ALA	2.8
61	N5	22	LYS	2.8
14	c2	37	VAL	2.8
16	C4	121	VAL	2.8
36	1	2522	G	2.8
41	L4	310	THR	2.8
14	C2	117	GLY	2.7
8	S6	219	ARG	2.7
19	c7	96	SER	2.7
4	S2	90	THR	2.7
14	c2	107	ASP	2.7
82	e1	85	TYR	2.7
80	c0	22	VAL	2.7
40	L3	387	LEU	2.7
1	6	320	U	2.7
14	c2	21	GLU	2.7

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Mol	Chain	Res	Type	RSRZ
11	S9	130	THR	2.7
21	C9	72	GLY	2.7
68	o2	26	HIS	2.7
3	S1	47	LEU	2.7
20	c8	3	LEU	2.7
47	m0	111	LEU	2.7
1	2	656	G	2.7
8	S6	190	GLN	2.7
9	S7	108	GLN	2.7
35	sM	124	GLN	2.7
6	S4	4	GLY	2.7
1	6	720	G	2.7
34	SR	162	ALA	2.7
68	o2	127	ALA	2.7
1	6	1708	U	2.7
36	5	2205	U	2.7
23	D1	34	ILE	2.6
36	5	1581	C	2.6
11	S9	181	ALA	2.6
1	6	677	G	2.6
9	S7	8	ILE	2.6
9	S7	4	PRO	2.6
18	c6	68	ARG	2.6
36	1	1952	G	2.6
13	C1	152	GLN	2.6
51	M5	2	GLY	2.6
36	5	1103	A	2.6
3	S1	25	THR	2.6
16	c4	125	SER	2.6
13	C1	70	ILE	2.6
75	o9	36	ARG	2.6
17	C5	129	GLY	2.6
1	6	662	U	2.6
58	N2	89	LEU	2.6
31	D9	6	VAL	2.6
1	6	1707	A	2.6
8	S6	154	ARG	2.6
11	S9	171	ARG	2.6
36	5	2404	A	2.6
8	S6	226	ILE	2.6
21	C9	32	GLY	2.6
54	M8	74	GLU	2.6

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Mol	Chain	Res	Type	RSRZ
11	s9	167	ALA	2.6
35	SM	19	VAL	2.6
53	M7	166	VAL	2.6
75	O9	2	ALA	2.6
1	2	241	U	2.6
30	D8	21	SER	2.6
2	S0	190	ASP	2.6
28	D6	16	GLY	2.6
20	C8	17	LEU	2.6
36	1	2772	C	2.6
13	C1	147	ALA	2.6
27	D5	97	LYS	2.6
45	l8	120	LYS	2.6
49	m3	195	ALA	2.6
55	M9	2	ALA	2.6
73	O7	86	ALA	2.6
1	2	1370	U	2.5
36	5	2506	U	2.5
35	sM	52	PRO	2.5
47	m0	112	GLN	2.5
1	2	234	G	2.5
36	5	237	G	2.5
36	1	2100	A	2.5
36	5	3279	A	2.5
2	s0	207	PRO	2.5
33	E1	85	TYR	2.5
6	S4	203	GLY	2.5
13	c1	2	SER	2.5
2	S0	29	VAL	2.5
33	E1	98	VAL	2.5
49	M3	132	ALA	2.5
82	e1	152	ALA	2.5
14	c2	59	LEU	2.5
18	c6	44	LEU	2.5
36	1	1192	C	2.5
36	5	439	C	2.5
39	L2	13	GLY	2.5
27	D5	36	ALA	2.5
47	M0	218	ALA	2.5
47	M0	219	ALA	2.5
36	5	981	U	2.5
31	D9	7	TRP	2.5

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Mol	Chain	Res	Type	RSRZ
82	e1	95	HIS	2.5
14	c2	111	ASN	2.5
31	D9	28	THR	2.5
36	1	2205	U	2.5
14	c2	108	ARG	2.5
33	E1	93	HIS	2.5
49	m3	74	GLY	2.5
7	s5	154	ALA	2.4
68	O2	2	ALA	2.4
79	q3	2	ALA	2.4
36	1	2207	A	2.4
34	SR	118	LYS	2.4
67	O1	79	ARG	2.4
14	c2	23	THR	2.4
1	2	239	C	2.4
36	1	1576	G	2.4
38	4	82	U	2.4
38	8	81	U	2.4
61	n5	23	ALA	2.4
73	o7	87	SER	2.4
34	SR	62	LYS	2.4
13	C1	3	THR	2.4
45	l8	113	ALA	2.4
53	M7	183	ALA	2.4
17	C5	104	GLN	2.4
80	c0	13	GLN	2.4
25	D3	110	LYS	2.4
78	Q2	78	LYS	2.4
30	D8	15	VAL	2.4
82	e1	91	ILE	2.4
2	s0	193	GLN	2.4
66	o0	32	LYS	2.4
82	e1	90	LYS	2.4
1	2	137	U	2.4
36	1	1556	C	2.4
67	o1	4	LEU	2.4
81	e0	49	LEU	2.4
16	C4	97	GLY	2.4
59	N3	3	GLY	2.4
76	Q0	78	ILE	2.4
68	o2	16	LYS	2.4
11	S9	3	ARG	2.4

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Mol	Chain	Res	Type	RSRZ
35	sM	158	GLN	2.4
34	SR	81	LEU	2.4
82	e1	146	SER	2.4
84	p0	199	SER	2.4
71	o5	3	GLY	2.3
21	C9	36	ILE	2.3
47	M0	203	LYS	2.3
1	6	651	G	2.3
10	s8	187	GLU	2.3
1	2	1371	A	2.3
6	S4	24	SER	2.3
28	D6	9	GLY	2.3
82	e1	87	THR	2.3
82	e1	125	THR	2.3
3	S1	60	ALA	2.3
48	m1	174	LYS	2.3
52	m6	183	ALA	2.3
72	O6	79	SER	2.3
45	l8	246	MET	2.3
1	2	75	U	2.3
1	2	280	U	2.3
4	s2	94	GLN	2.3
1	6	25	C	2.3
14	c2	31	VAL	2.3
42	L5	279	LYS	2.3
51	m5	147	ARG	2.3
72	o6	36	ARG	2.3
84	p0	184	GLY	2.3
59	N3	2	SER	2.3
29	D7	41	LEU	2.3
65	n9	27	TYR	2.3
42	L5	151	GLN	2.3
17	C5	52	LYS	2.3
17	C5	59	LYS	2.3
10	S8	22	ARG	2.3
11	S9	6	ARG	2.3
3	S1	140	ILE	2.3
14	C2	104	ALA	2.3
15	C3	10	GLY	2.3
60	n4	121	ALA	2.3
3	S1	98	THR	2.3
14	C2	88	LEU	2.3

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Mol	Chain	Res	Type	RSRZ
22	D0	107	THR	2.3
19	C7	96	SER	2.3
60	n4	72	SER	2.3
84	p0	86	PHE	2.3
15	C3	151	ASN	2.3
22	d0	64	LYS	2.3
35	SM	152	GLN	2.3
35	sM	83	LYS	2.3
35	SM	153	ASP	2.3
60	N4	92	GLU	2.2
34	sR	136	ILE	2.2
13	C1	146	ALA	2.2
18	C6	18	ALA	2.2
53	m7	156	ALA	2.2
1	6	241	U	2.2
1	6	579	A	2.2
1	6	679	U	2.2
33	E1	145	HIS	2.2
4	s2	97	ARG	2.2
36	5	1562	C	2.2
35	SM	158	GLN	2.2
55	M9	177	VAL	2.2
33	E1	91	ILE	2.2
22	d0	54	GLY	2.2
45	L8	256	ALA	2.2
1	6	676	G	2.2
1	6	722	G	2.2
36	1	1577	G	2.2
36	1	3286	G	2.2
65	n9	25	LYS	2.2
36	5	1025	A	2.2
4	s2	199	GLN	2.2
22	D0	20	ILE	2.2
27	D5	88	ILE	2.2
60	N4	90	ILE	2.2
35	SM	134	ASP	2.2
36	1	1582	C	2.2
5	S3	88	ALA	2.2
14	c2	20	ALA	2.2
26	d4	67	GLY	2.2
35	sM	155	LEU	2.2
19	C7	95	ARG	2.2

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Mol	Chain	Res	Type	RSRZ
14	C2	115	VAL	2.2
39	L2	253	GLN	2.2
20	c8	18	LEU	2.2
7	S5	36	ALA	2.2
35	sM	167	PRO	2.2
21	C9	35	ASP	2.2
33	E1	86	THR	2.2
41	L4	311	HIS	2.2
9	s7	109	VAL	2.2
58	n2	108	TYR	2.2
56	n0	138	GLN	2.2
60	n4	109	LEU	2.2
62	n6	126	LEU	2.2
36	5	252	U	2.2
63	n7	136	PHE	2.2
1	2	913	G	2.2
14	C2	116	VAL	2.1
17	c5	126	VAL	2.1
26	D4	100	VAL	2.1
33	E1	105	TYR	2.1
36	5	1579	C	2.1
21	C9	92	LYS	2.1
26	D4	101	GLU	2.1
28	D6	98	PRO	2.1
54	m8	145	ASN	2.1
8	S6	156	PHE	2.1
2	S0	206	ASP	2.1
35	SM	11	ASP	2.1
25	D3	18	HIS	2.1
25	d3	18	HIS	2.1
39	L2	252	THR	2.1
8	S6	169	TYR	2.1
36	5	980	A	2.1
38	8	80	A	2.1
13	C1	151	LYS	2.1
17	c5	52	LYS	2.1
11	s9	4	ALA	2.1
45	l8	117	ALA	2.1
65	N9	2	ALA	2.1
65	N9	57	ALA	2.1
60	n4	130	SER	2.1
1	2	697	C	2.1

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Mol	Chain	Res	Type	RSRZ
36	1	1563	C	2.1
3	S1	100	PHE	2.1
3	S1	223	PHE	2.1
13	C1	72	THR	2.1
28	D6	53	LEU	2.1
33	E1	90	LYS	2.1
36	1	3355	U	2.1
36	1	2971	A	2.1
60	N4	72	SER	2.1
63	n7	92	PHE	2.1
70	O4	55	SER	2.1
4	s2	88	LYS	2.1
42	L5	5	LYS	2.1
45	l8	122	LYS	2.1
60	N4	77	LYS	2.1
27	D5	41	ILE	2.1
7	S5	74	ALA	2.1
1	2	194	U	2.1
36	5	1820	U	2.1
22	D0	94	GLU	2.1
35	SM	167	PRO	2.1
52	m6	180	SER	2.1
55	M9	59	SER	2.1
11	s9	148	VAL	2.1
19	C7	88	VAL	2.1
35	sM	156	ASN	2.1
8	s6	216	LEU	2.1
13	C1	5	LEU	2.1
26	D4	125	LEU	2.1
45	l8	254	ASP	2.1
11	S9	95	TYR	2.1
25	d3	63	GLN	2.1
18	c6	138	PHE	2.1
71	O5	8	GLU	2.1
1	6	795	U	2.0
36	5	1569	U	2.0
59	N3	42	SER	2.0
66	o0	6	SER	2.0
4	S2	91	ARG	2.0
35	SM	89	ARG	2.0
67	O1	87	ASN	2.0
69	o3	60	ARG	2.0

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Mol	Chain	Res	Type	RSRZ
1	6	506	A	2.0
1	6	1371	A	2.0
2	s0	190	ASP	2.0
25	D3	4	GLY	2.0
59	n3	8	GLY	2.0
60	N4	81	PRO	2.0
84	p0	88	PHE	2.0
4	S2	208	GLU	2.0
18	c6	132	LYS	2.0
36	1	3154	C	2.0
14	C2	36	LEU	2.0
19	C7	125	SER	2.0
66	o0	9	SER	2.0
20	C8	44	ASN	2.0
38	4	158	U	2.0
14	c2	110	ALA	2.0
53	m7	2	ALA	2.0
5	S3	204	ASP	2.0
23	D1	48	GLY	2.0
4	S2	84	LYS	2.0
9	S7	5	GLN	2.0
28	D6	2	PRO	2.0
50	m4	8	LYS	2.0
27	d5	50	ILE	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
88	MG	1	3869	1/1	0.50	0.17	158,158,158,158	0
90	ZN	D7	101	1/1	0.62	0.10	328,328,328,328	0
90	ZN	d7	101	1/1	0.64	0.16	285,285,285,285	0
88	MG	6	2004	1/1	0.67	0.26	54,54,54,54	0
89	OHX	5	4245	7/7	0.67	0.16	318,318,318,318	0
88	MG	3	214	1/1	0.68	0.16	43,43,43,43	0
88	MG	1	3674	1/1	0.68	0.45	80,80,80,80	0
89	OHX	2	2146	7/7	0.68	0.22	358,358,358,358	0
88	MG	6	1999	1/1	0.70	0.17	46,46,46,46	0
89	OHX	1	4183	7/7	0.70	0.12	350,350,350,350	0
89	OHX	4	230	7/7	0.70	0.22	283,283,283,283	0
89	OHX	1	4200	7/7	0.72	0.15	340,340,340,340	0
88	MG	5	3799	1/1	0.72	0.22	79,79,79,79	0
88	MG	6	1920	1/1	0.72	0.42	66,66,66,66	0
89	OHX	2	2159	7/7	0.72	0.16	293,293,293,293	0
88	MG	5	3695	1/1	0.72	0.33	54,54,54,54	0
89	OHX	5	4239	7/7	0.73	0.19	306,306,306,306	0
89	OHX	1	4189	7/7	0.73	0.15	282,282,282,282	0
89	OHX	15	305	7/7	0.73	0.23	286,286,286,286	0
89	OHX	1	4140	7/7	0.73	0.15	298,298,298,298	0
89	OHX	2	2163	7/7	0.73	0.14	279,279,279,279	0
89	OHX	6	2144	7/7	0.74	0.24	243,243,243,243	0
88	MG	6	1934	1/1	0.74	0.23	60,60,60,60	0
89	OHX	2	2164	7/7	0.75	0.23	306,306,306,306	0
89	OHX	6	2183	7/7	0.75	0.16	256,256,256,256	0
89	OHX	15	306	7/7	0.75	0.15	382,382,382,382	0
89	OHX	5	4235	7/7	0.75	0.18	262,262,262,262	0
88	MG	2	2002	1/1	0.75	0.35	177,177,177,177	0
89	OHX	2	2172	7/7	0.76	0.17	331,331,331,331	0
88	MG	5	3714	1/1	0.76	0.39	65,65,65,65	0
89	OHX	6	2186	7/7	0.76	0.21	295,295,295,295	0
89	OHX	5	4145	7/7	0.76	0.17	243,243,243,243	0
89	OHX	5	4226	7/7	0.76	0.17	277,277,277,277	0
88	MG	6	1970	1/1	0.76	0.24	67,67,67,67	0
89	OHX	6	2181	7/7	0.77	0.18	247,247,247,247	0
88	MG	2	1928	1/1	0.77	0.24	53,53,53,53	0
89	OHX	7	226	7/7	0.77	0.16	254,254,254,254	0
89	OHX	1	4203	7/7	0.77	0.22	364,364,364,364	0
89	OHX	2	2165	7/7	0.77	0.11	306,306,306,306	0
88	MG	1	3407	1/1	0.77	0.27	41,41,41,41	0
89	OHX	6	2176	7/7	0.77	0.16	277,277,277,277	0
89	OHX	14	404	7/7	0.78	0.13	286,286,286,286	0
88	MG	5	3800	1/1	0.78	0.30	80,80,80,80	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	o1	201	1/1	0.78	0.27	87,87,87,87	0
89	OHX	5	4209	7/7	0.78	0.18	304,304,304,304	0
89	OHX	1	4201	7/7	0.78	0.15	282,282,282,282	0
89	OHX	1	4124	7/7	0.79	0.17	277,277,277,277	0
88	MG	8	212	1/1	0.79	0.14	37,37,37,37	0
89	OHX	5	4168	7/7	0.79	0.20	244,244,244,244	0
88	MG	l5	302	1/1	0.79	0.11	49,49,49,49	0
88	MG	m5	302	1/1	0.79	0.22	51,51,51,51	0
89	OHX	5	4233	7/7	0.79	0.23	318,318,318,318	0
88	MG	1	3765	1/1	0.79	0.24	62,62,62,62	0
89	OHX	2	2116	7/7	0.79	0.16	280,280,280,280	0
88	MG	1	3771	1/1	0.79	0.22	68,68,68,68	0
89	OHX	1	4206	7/7	0.79	0.13	275,275,275,275	0
88	MG	1	3861	1/1	0.79	0.15	79,79,79,79	0
88	MG	2	1905	1/1	0.79	0.38	60,60,60,60	0
88	MG	2	1949	1/1	0.79	0.23	57,57,57,57	0
88	MG	1	3445	1/1	0.79	0.28	53,53,53,53	0
88	MG	2	1955	1/1	0.79	0.20	66,66,66,66	0
88	MG	1	3421	1/1	0.80	0.20	43,43,43,43	0
89	OHX	5	4183	7/7	0.80	0.13	295,295,295,295	0
89	OHX	1	4208	7/7	0.80	0.11	288,288,288,288	0
89	OHX	5	4211	7/7	0.80	0.21	270,270,270,270	0
89	OHX	1	4210	7/7	0.80	0.16	277,277,277,277	0
89	OHX	5	4228	7/7	0.80	0.23	370,370,370,370	0
89	OHX	1	4212	7/7	0.80	0.12	364,364,364,364	0
89	OHX	2	2149	7/7	0.80	0.13	256,256,256,256	0
89	OHX	1	4173	7/7	0.80	0.13	264,264,264,264	0
88	MG	2	1954	1/1	0.80	0.14	65,65,65,65	0
88	MG	5	3687	1/1	0.80	0.33	48,48,48,48	0
89	OHX	6	2182	7/7	0.80	0.23	264,264,264,264	0
88	MG	6	1933	1/1	0.80	0.24	35,35,35,35	0
88	MG	1	3504	1/1	0.80	0.29	28,28,28,28	0
89	OHX	6	2194	7/7	0.80	0.15	263,263,263,263	0
88	MG	2	1953	1/1	0.80	0.16	70,70,70,70	0
89	OHX	1	4113	7/7	0.81	0.13	243,243,243,243	0
88	MG	1	3556	1/1	0.81	0.15	45,45,45,45	0
88	MG	1	3847	1/1	0.81	0.31	50,50,50,50	0
89	OHX	2	2100	7/7	0.81	0.20	241,241,241,241	0
89	OHX	6	2187	7/7	0.81	0.13	317,317,317,317	0
89	OHX	6	2191	7/7	0.81	0.13	282,282,282,282	0
89	OHX	1	4174	7/7	0.81	0.14	279,279,279,279	0
89	OHX	1	4177	7/7	0.81	0.12	322,322,322,322	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3632	1/1	0.81	0.12	76,76,76,76	0
89	OHX	5	4175	7/7	0.81	0.17	250,250,250,250	0
88	MG	5	3721	1/1	0.81	0.24	50,50,50,50	0
89	OHX	5	4199	7/7	0.81	0.18	263,263,263,263	0
89	OHX	5	4206	7/7	0.81	0.13	273,273,273,273	0
89	OHX	5	4208	7/7	0.81	0.14	258,258,258,258	0
89	OHX	1	4193	7/7	0.81	0.17	290,290,290,290	0
88	MG	5	3793	1/1	0.81	0.13	45,45,45,45	0
89	OHX	5	4223	7/7	0.81	0.19	288,288,288,288	0
89	OHX	2	2150	7/7	0.81	0.14	273,273,273,273	0
89	OHX	2	2153	7/7	0.81	0.13	256,256,256,256	0
89	OHX	2	2156	7/7	0.81	0.12	290,290,290,290	0
88	MG	2	1973	1/1	0.81	0.23	47,47,47,47	0
89	OHX	1	4209	7/7	0.81	0.14	272,272,272,272	0
89	OHX	5	4244	7/7	0.81	0.17	275,275,275,275	0
88	MG	2	1959	1/1	0.81	0.22	44,44,44,44	0
89	OHX	5	4252	7/7	0.81	0.17	256,256,256,256	0
88	MG	5	3813	1/1	0.81	0.12	96,96,96,96	0
88	MG	O5	201	1/1	0.81	0.14	48,48,48,48	0
89	OHX	4	233	7/7	0.81	0.18	275,275,275,275	0
88	MG	5	3465	1/1	0.81	0.14	33,33,33,33	0
89	OHX	2	2180	7/7	0.81	0.12	300,300,300,300	0
89	OHX	6	2178	7/7	0.81	0.19	262,262,262,262	0
89	OHX	2	2178	7/7	0.82	0.14	277,277,277,277	0
88	MG	1	3548	1/1	0.82	0.19	43,43,43,43	0
89	OHX	1	4110	7/7	0.82	0.15	233,233,233,233	0
89	OHX	2	2151	7/7	0.82	0.14	262,262,262,262	0
88	MG	6	2042	1/1	0.82	0.26	51,51,51,51	0
88	MG	M1	201	1/1	0.82	0.14	64,64,64,64	0
89	OHX	1	4151	7/7	0.82	0.15	259,259,259,259	0
89	OHX	1	4155	7/7	0.82	0.18	280,280,280,280	0
89	OHX	5	4217	7/7	0.82	0.21	255,255,255,255	0
89	OHX	M7	207	7/7	0.82	0.14	282,282,282,282	0
89	OHX	M9	203	7/7	0.82	0.11	285,285,285,285	0
88	MG	5	3489	1/1	0.82	0.25	53,53,53,53	0
89	OHX	6	2167	7/7	0.82	0.13	236,236,236,236	0
89	OHX	2	2162	7/7	0.82	0.17	256,256,256,256	0
88	MG	5	3655	1/1	0.82	0.12	34,34,34,34	0
89	OHX	1	4179	7/7	0.82	0.12	283,283,283,283	0
89	OHX	1	4182	7/7	0.82	0.14	253,253,253,253	0
89	OHX	2	2133	7/7	0.82	0.16	238,238,238,238	0
88	MG	2	1910	1/1	0.82	0.26	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	8	228	7/7	0.82	0.18	233,233,233,233	0
88	MG	2	1951	1/1	0.82	0.26	50,50,50,50	0
89	OHX	6	2190	7/7	0.82	0.13	304,304,304,304	0
89	OHX	1	4196	7/7	0.82	0.17	262,262,262,262	0
89	OHX	2	2176	7/7	0.82	0.15	252,252,252,252	0
89	OHX	2	2177	7/7	0.82	0.12	275,275,275,275	0
88	MG	4	209	1/1	0.83	0.18	51,51,51,51	0
89	OHX	5	4200	7/7	0.83	0.15	232,232,232,232	0
88	MG	5	3875	1/1	0.83	0.25	31,31,31,31	0
88	MG	5	3889	1/1	0.83	0.21	49,49,49,49	0
88	MG	2	1999	1/1	0.83	0.12	85,85,85,85	0
88	MG	5	3454	1/1	0.83	0.14	34,34,34,34	0
89	OHX	5	4215	7/7	0.83	0.24	253,253,253,253	0
88	MG	6	1935	1/1	0.83	0.17	41,41,41,41	0
88	MG	2	1976	1/1	0.83	0.43	63,63,63,63	0
88	MG	5	3795	1/1	0.83	0.24	40,40,40,40	0
88	MG	5	3636	1/1	0.83	0.14	36,36,36,36	0
89	OHX	6	2188	7/7	0.83	0.17	265,265,265,265	0
89	OHX	2	2127	7/7	0.83	0.14	239,239,239,239	0
89	OHX	5	4236	7/7	0.83	0.18	259,259,259,259	0
89	OHX	2	2129	7/7	0.83	0.12	299,299,299,299	0
89	OHX	3	223	7/7	0.83	0.16	235,235,235,235	0
89	OHX	6	2196	7/7	0.83	0.15	293,293,293,293	0
89	OHX	6	2198	7/7	0.83	0.18	241,241,241,241	0
89	OHX	5	4255	7/7	0.83	0.12	254,254,254,254	0
89	OHX	s1	303	7/7	0.83	0.14	259,259,259,259	0
89	OHX	2	2131	7/7	0.83	0.17	317,317,317,317	0
89	OHX	14	403	7/7	0.83	0.10	317,317,317,317	0
89	OHX	5	4151	7/7	0.83	0.18	260,260,260,260	0
88	MG	1	3737	1/1	0.83	0.10	49,49,49,49	0
89	OHX	5	4174	7/7	0.83	0.14	243,243,243,243	0
89	OHX	m4	201	7/7	0.83	0.10	290,290,290,290	0
89	OHX	2	2140	7/7	0.83	0.15	273,273,273,273	0
89	OHX	1	4185	7/7	0.83	0.19	302,302,302,302	0
89	OHX	6	2170	7/7	0.84	0.20	255,255,255,255	0
88	MG	5	3848	1/1	0.84	0.12	30,30,30,30	0
89	OHX	2	2174	7/7	0.84	0.15	232,232,232,232	0
89	OHX	2	2136	7/7	0.84	0.15	238,238,238,238	0
89	OHX	5	4210	7/7	0.84	0.19	277,277,277,277	0
89	OHX	2	2137	7/7	0.84	0.14	271,271,271,271	0
88	MG	2	2014	1/1	0.84	0.21	46,46,46,46	0
89	OHX	6	2184	7/7	0.84	0.16	259,259,259,259	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	4198	7/7	0.84	0.18	275,275,275,275	0
88	MG	6	2031	1/1	0.84	0.20	52,52,52,52	0
88	MG	5	3898	1/1	0.84	0.27	147,147,147,147	0
89	OHX	5	4231	7/7	0.84	0.14	234,234,234,234	0
88	MG	6	2037	1/1	0.84	0.30	52,52,52,52	0
88	MG	1	3544	1/1	0.84	0.23	32,32,32,32	0
89	OHX	6	2192	7/7	0.84	0.12	303,303,303,303	0
89	OHX	5	4238	7/7	0.84	0.21	313,313,313,313	0
88	MG	5	3784	1/1	0.84	0.10	36,36,36,36	0
89	OHX	5	4241	7/7	0.84	0.15	365,365,365,365	0
89	OHX	1	4142	7/7	0.84	0.16	250,250,250,250	0
88	MG	1	3676	1/1	0.84	0.26	53,53,53,53	0
89	OHX	5	4250	7/7	0.84	0.18	243,243,243,243	0
89	OHX	6	2202	7/7	0.84	0.15	266,266,266,266	0
89	OHX	5	4253	7/7	0.84	0.12	269,269,269,269	0
88	MG	2	1981	1/1	0.84	0.12	39,39,39,39	0
89	OHX	5	4256	7/7	0.84	0.11	289,289,289,289	0
89	OHX	c3	201	7/7	0.84	0.13	248,248,248,248	0
89	OHX	1	4162	7/7	0.84	0.16	224,224,224,224	0
89	OHX	1	4172	7/7	0.84	0.17	232,232,232,232	0
89	OHX	2	2160	7/7	0.84	0.19	246,246,246,246	0
88	MG	5	3798	1/1	0.84	0.20	44,44,44,44	0
88	MG	1	3739	1/1	0.84	0.18	40,40,40,40	0
89	OHX	5	4180	7/7	0.84	0.19	219,219,219,219	0
88	MG	1	3753	1/1	0.84	0.40	54,54,54,54	0
88	MG	1	3502	1/1	0.84	0.18	58,58,58,58	0
88	MG	6	1984	1/1	0.85	0.23	56,56,56,56	0
89	OHX	1	4163	7/7	0.85	0.12	255,255,255,255	0
88	MG	6	1986	1/1	0.85	0.14	45,45,45,45	0
88	MG	5	3662	1/1	0.85	0.23	59,59,59,59	0
89	OHX	5	4185	7/7	0.85	0.13	242,242,242,242	0
89	OHX	5	4192	7/7	0.85	0.12	264,264,264,264	0
88	MG	6	1987	1/1	0.85	0.12	43,43,43,43	0
89	OHX	2	2135	7/7	0.85	0.15	215,215,215,215	0
89	OHX	6	2156	7/7	0.85	0.15	235,235,235,235	0
89	OHX	6	2166	7/7	0.85	0.15	235,235,235,235	0
88	MG	N5	201	1/1	0.85	0.15	49,49,49,49	0
89	OHX	6	2168	7/7	0.85	0.21	346,346,346,346	0
88	MG	1	3701	1/1	0.85	0.14	42,42,42,42	0
89	OHX	6	2175	7/7	0.85	0.20	241,241,241,241	0
89	OHX	2	2138	7/7	0.85	0.17	203,203,203,203	0
89	OHX	5	4222	7/7	0.85	0.12	256,256,256,256	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2177	7/7	0.85	0.14	227,227,227,227	0
89	OHX	5	4224	7/7	0.85	0.11	269,269,269,269	0
89	OHX	5	4225	7/7	0.85	0.15	297,297,297,297	0
88	MG	7	214	1/1	0.85	0.22	55,55,55,55	0
89	OHX	5	4227	7/7	0.85	0.13	251,251,251,251	0
89	OHX	6	2180	7/7	0.85	0.14	279,279,279,279	0
88	MG	6	1907	1/1	0.85	0.20	35,35,35,35	0
89	OHX	5	4232	7/7	0.85	0.11	270,270,270,270	0
89	OHX	1	4048	7/7	0.85	0.18	216,216,216,216	0
89	OHX	1	4094	7/7	0.85	0.15	212,212,212,212	0
89	OHX	1	4108	7/7	0.85	0.15	210,210,210,210	0
88	MG	1	3550	1/1	0.85	0.23	44,44,44,44	0
88	MG	1	3655	1/1	0.85	0.23	56,56,56,56	0
88	MG	n8	202	1/1	0.85	0.19	38,38,38,38	0
89	OHX	5	4242	7/7	0.85	0.17	180,180,180,180	0
89	OHX	6	2189	7/7	0.85	0.15	266,266,266,266	0
89	OHX	1	4204	7/7	0.85	0.17	246,246,246,246	0
88	MG	1	3772	1/1	0.85	0.10	43,43,43,43	0
88	MG	1	3794	1/1	0.85	0.20	51,51,51,51	0
89	OHX	6	2193	7/7	0.85	0.14	244,244,244,244	0
88	MG	1	3811	1/1	0.85	0.15	55,55,55,55	0
89	OHX	1	4154	7/7	0.85	0.17	287,287,287,287	0
89	OHX	6	2197	7/7	0.85	0.21	220,220,220,220	0
89	OHX	1	4211	7/7	0.85	0.16	276,276,276,276	0
89	OHX	8	231	7/7	0.85	0.15	267,267,267,267	0
89	OHX	2	2120	7/7	0.85	0.18	230,230,230,230	0
89	OHX	1	4214	7/7	0.85	0.18	241,241,241,241	0
89	OHX	1	4216	7/7	0.85	0.19	285,285,285,285	0
89	OHX	1	4217	7/7	0.85	0.13	287,287,287,287	0
89	OHX	1	4219	7/7	0.85	0.15	225,225,225,225	0
89	OHX	5	4164	7/7	0.85	0.15	236,236,236,236	0
89	OHX	1	4220	7/7	0.85	0.15	239,239,239,239	0
89	OHX	5	4197	7/7	0.86	0.17	241,241,241,241	0
88	MG	L8	301	1/1	0.86	0.17	47,47,47,47	0
89	OHX	1	4187	7/7	0.86	0.12	250,250,250,250	0
88	MG	6	2203	1/1	0.86	0.32	73,73,73,73	0
89	OHX	5	4207	7/7	0.86	0.15	304,304,304,304	0
89	OHX	6	2172	7/7	0.86	0.12	240,240,240,240	0
89	OHX	1	4190	7/7	0.86	0.21	270,270,270,270	0
88	MG	2	1979	1/1	0.86	0.14	57,57,57,57	0
89	OHX	1	4194	7/7	0.86	0.15	293,293,293,293	0
88	MG	5	3458	1/1	0.86	0.17	31,31,31,31	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
89	OHX	D3	201	7/7	0.86	0.18	201,201,201,201	0
89	OHX	5	4218	7/7	0.86	0.19	289,289,289,289	0
88	MG	6	1972	1/1	0.86	0.25	57,57,57,57	0
88	MG	5	3474	1/1	0.86	0.07	38,38,38,38	0
88	MG	6	1980	1/1	0.86	0.12	61,61,61,61	0
89	OHX	2	2143	7/7	0.86	0.20	260,260,260,260	0
88	MG	5	3530	1/1	0.86	0.16	21,21,21,21	0
89	OHX	2	2148	7/7	0.86	0.16	225,225,225,225	0
88	MG	5	3608	1/1	0.86	0.09	22,22,22,22	0
89	OHX	5	4229	7/7	0.86	0.14	270,270,270,270	0
88	MG	M6	201	1/1	0.86	0.09	43,43,43,43	0
88	MG	1	3724	1/1	0.86	0.19	41,41,41,41	0
88	MG	1	3867	1/1	0.86	0.22	98,98,98,98	0
88	MG	1	3778	1/1	0.86	0.17	47,47,47,47	0
89	OHX	1	4160	7/7	0.86	0.12	288,288,288,288	0
89	OHX	2	2158	7/7	0.86	0.09	307,307,307,307	0
89	OHX	1	4218	7/7	0.86	0.18	259,259,259,259	0
88	MG	1	3761	1/1	0.86	0.14	33,33,33,33	0
88	MG	o3	201	1/1	0.86	0.23	61,61,61,61	0
89	OHX	5	4243	7/7	0.86	0.12	280,280,280,280	0
89	OHX	1	4221	7/7	0.86	0.19	266,266,266,266	0
88	MG	6	2015	1/1	0.86	0.25	44,44,44,44	0
88	MG	2	2006	1/1	0.86	0.08	41,41,41,41	0
89	OHX	1	4176	7/7	0.86	0.14	247,247,247,247	0
88	MG	6	2035	1/1	0.86	0.25	38,38,38,38	0
89	OHX	5	4156	7/7	0.86	0.24	207,207,207,207	0
88	MG	4	215	1/1	0.86	0.17	32,32,32,32	0
89	OHX	7	224	7/7	0.86	0.20	201,201,201,201	0
89	OHX	6	2104	7/7	0.86	0.16	184,184,184,184	0
89	OHX	5	4169	7/7	0.86	0.20	247,247,247,247	0
89	OHX	6	2139	7/7	0.86	0.13	242,242,242,242	0
89	OHX	2	2128	7/7	0.86	0.15	221,221,221,221	0
88	MG	6	2039	1/1	0.86	0.26	47,47,47,47	0
89	OHX	6	2160	7/7	0.86	0.13	233,233,233,233	0
89	OHX	6	2161	7/7	0.86	0.14	251,251,251,251	0
89	OHX	5	4187	7/7	0.86	0.12	244,244,244,244	0
89	OHX	5	4191	7/7	0.86	0.22	301,301,301,301	0
89	OHX	1	4184	7/7	0.86	0.17	238,238,238,238	0
88	MG	5	3431	1/1	0.87	0.25	49,49,49,49	0
89	OHX	L4	402	7/7	0.87	0.10	252,252,252,252	0
88	MG	5	3852	1/1	0.87	0.20	47,47,47,47	0
89	OHX	5	4189	7/7	0.87	0.15	208,208,208,208	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	4159	7/7	0.87	0.16	233,233,233,233	0
88	MG	1	3712	1/1	0.87	0.12	41,41,41,41	0
89	OHX	6	2132	7/7	0.87	0.18	196,196,196,196	0
88	MG	1	3841	1/1	0.87	0.25	41,41,41,41	0
88	MG	1	3714	1/1	0.87	0.33	52,52,52,52	0
88	MG	7	213	1/1	0.87	0.25	47,47,47,47	0
88	MG	2	1993	1/1	0.87	0.25	64,64,64,64	0
88	MG	1	3587	1/1	0.87	0.23	28,28,28,28	0
88	MG	15	301	1/1	0.87	0.15	56,56,56,56	0
88	MG	1	3615	1/1	0.87	0.14	51,51,51,51	0
89	OHX	1	4178	7/7	0.87	0.13	276,276,276,276	0
89	OHX	6	2169	7/7	0.87	0.13	219,219,219,219	0
88	MG	3	209	1/1	0.87	0.21	47,47,47,47	0
88	MG	1	3629	1/1	0.87	0.18	45,45,45,45	0
88	MG	1	3756	1/1	0.87	0.19	44,44,44,44	0
89	OHX	2	2171	7/7	0.87	0.14	254,254,254,254	0
88	MG	2	1994	1/1	0.87	0.16	51,51,51,51	0
88	MG	1	3641	1/1	0.87	0.08	36,36,36,36	0
88	MG	6	2005	1/1	0.87	0.09	41,41,41,41	0
88	MG	5	3697	1/1	0.87	0.27	69,69,69,69	0
88	MG	5	3706	1/1	0.87	0.07	51,51,51,51	0
88	MG	2	1966	1/1	0.87	0.24	44,44,44,44	0
89	OHX	5	4230	7/7	0.87	0.12	285,285,285,285	0
89	OHX	1	4195	7/7	0.87	0.20	259,259,259,259	0
89	OHX	C5	201	7/7	0.87	0.11	254,254,254,254	0
88	MG	6	2018	1/1	0.87	0.19	88,88,88,88	0
89	OHX	1	4199	7/7	0.87	0.16	242,242,242,242	0
89	OHX	D9	102	7/7	0.87	0.14	234,234,234,234	0
88	MG	5	3722	1/1	0.87	0.17	69,69,69,69	0
89	OHX	1	4075	7/7	0.87	0.16	235,235,235,235	0
89	OHX	1	4076	7/7	0.87	0.15	226,226,226,226	0
88	MG	6	2028	1/1	0.87	0.17	57,57,57,57	0
88	MG	1	3482	1/1	0.87	0.20	64,64,64,64	0
88	MG	1	3549	1/1	0.87	0.22	44,44,44,44	0
88	MG	1	3495	1/1	0.87	0.15	50,50,50,50	0
89	OHX	1	4120	7/7	0.87	0.12	230,230,230,230	0
89	OHX	5	4251	7/7	0.87	0.18	237,237,237,237	0
89	OHX	6	2199	7/7	0.87	0.19	255,255,255,255	0
89	OHX	6	2201	7/7	0.87	0.19	244,244,244,244	0
88	MG	1	3795	1/1	0.87	0.30	65,65,65,65	0
89	OHX	1	4126	7/7	0.87	0.12	251,251,251,251	0
89	OHX	1	4130	7/7	0.87	0.18	209,209,209,209	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	1915	1/1	0.87	0.19	56,56,56,56	0
89	OHX	8	227	7/7	0.87	0.12	259,259,259,259	0
88	MG	5	3811	1/1	0.87	0.14	39,39,39,39	0
89	OHX	1	4143	7/7	0.87	0.17	239,239,239,239	0
89	OHX	5	4157	7/7	0.87	0.20	253,253,253,253	0
89	OHX	1	4144	7/7	0.87	0.10	273,273,273,273	0
89	OHX	1	4145	7/7	0.87	0.15	256,256,256,256	0
89	OHX	1	4224	7/7	0.87	0.11	281,281,281,281	0
89	OHX	1	4225	7/7	0.87	0.19	304,304,304,304	0
88	MG	1	3806	1/1	0.87	0.16	59,59,59,59	0
89	OHX	1	4153	7/7	0.87	0.14	244,244,244,244	0
89	OHX	1	4156	7/7	0.88	0.11	234,234,234,234	0
89	OHX	5	4161	7/7	0.88	0.16	208,208,208,208	0
89	OHX	1	4226	7/7	0.88	0.14	250,250,250,250	0
89	OHX	5	4167	7/7	0.88	0.17	229,229,229,229	0
88	MG	1	3855	1/1	0.88	0.15	33,33,33,33	0
89	OHX	3	224	7/7	0.88	0.16	248,248,248,248	0
88	MG	6	1930	1/1	0.88	0.15	35,35,35,35	0
89	OHX	2	2166	7/7	0.88	0.11	273,273,273,273	0
89	OHX	L3	407	7/7	0.88	0.12	237,237,237,237	0
89	OHX	2	2169	7/7	0.88	0.18	221,221,221,221	0
89	OHX	M7	206	7/7	0.88	0.23	351,351,351,351	0
88	MG	2	2011	1/1	0.88	0.25	40,40,40,40	0
89	OHX	5	4188	7/7	0.88	0.13	222,222,222,222	0
88	MG	2	1901	1/1	0.88	0.15	39,39,39,39	0
89	OHX	2	2173	7/7	0.88	0.14	237,237,237,237	0
88	MG	1	3710	1/1	0.88	0.17	47,47,47,47	0
89	OHX	5	4196	7/7	0.88	0.16	315,315,315,315	0
88	MG	1	3594	1/1	0.88	0.26	37,37,37,37	0
89	OHX	6	2140	7/7	0.88	0.14	205,205,205,205	0
88	MG	5	3429	1/1	0.88	0.07	22,22,22,22	0
89	OHX	6	2148	7/7	0.88	0.16	212,212,212,212	0
89	OHX	6	2152	7/7	0.88	0.11	257,257,257,257	0
89	OHX	6	2155	7/7	0.88	0.14	215,215,215,215	0
88	MG	2	2018	1/1	0.88	0.20	46,46,46,46	0
89	OHX	1	4180	7/7	0.88	0.24	315,315,315,315	0
89	OHX	1	4181	7/7	0.88	0.14	252,252,252,252	0
89	OHX	5	4214	7/7	0.88	0.17	220,220,220,220	0
89	OHX	6	2163	7/7	0.88	0.10	239,239,239,239	0
88	MG	2	1977	1/1	0.88	0.21	44,44,44,44	0
88	MG	1	3728	1/1	0.88	0.09	33,33,33,33	0
88	MG	L3	404	1/1	0.88	0.15	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3467	1/1	0.88	0.21	46,46,46,46	0
88	MG	5	3812	1/1	0.88	0.13	51,51,51,51	0
89	OHX	6	2171	7/7	0.88	0.18	274,274,274,274	0
89	OHX	1	4188	7/7	0.88	0.11	258,258,258,258	0
89	OHX	6	2173	7/7	0.88	0.17	193,193,193,193	0
88	MG	5	3473	1/1	0.88	0.15	43,43,43,43	0
88	MG	2	2005	1/1	0.88	0.18	44,44,44,44	0
89	OHX	1	4191	7/7	0.88	0.14	245,245,245,245	0
89	OHX	1	4192	7/7	0.88	0.09	270,270,270,270	0
89	OHX	2	2139	7/7	0.88	0.22	238,238,238,238	0
89	OHX	1	4105	7/7	0.88	0.13	221,221,221,221	0
89	OHX	1	4107	7/7	0.88	0.14	228,228,228,228	0
88	MG	6	1993	1/1	0.88	0.18	56,56,56,56	0
89	OHX	5	4237	7/7	0.88	0.12	228,228,228,228	0
88	MG	1	3427	1/1	0.88	0.19	54,54,54,54	0
89	OHX	6	2185	7/7	0.88	0.12	244,244,244,244	0
89	OHX	5	4240	7/7	0.88	0.16	258,258,258,258	0
88	MG	6	2001	1/1	0.88	0.16	54,54,54,54	0
89	OHX	2	2147	7/7	0.88	0.12	238,238,238,238	0
88	MG	5	3891	1/1	0.88	0.14	24,24,24,24	0
89	OHX	1	4202	7/7	0.88	0.15	269,269,269,269	0
89	OHX	1	4125	7/7	0.88	0.21	244,244,244,244	0
88	MG	1	3819	1/1	0.88	0.28	56,56,56,56	0
88	MG	1	3828	1/1	0.88	0.10	40,40,40,40	0
89	OHX	1	4134	7/7	0.88	0.13	231,231,231,231	0
88	MG	5	3656	1/1	0.88	0.17	39,39,39,39	0
89	OHX	5	4254	7/7	0.88	0.12	249,249,249,249	0
88	MG	8	208	1/1	0.88	0.10	41,41,41,41	0
88	MG	2	1938	1/1	0.88	0.26	31,31,31,31	0
89	OHX	5	4257	7/7	0.88	0.13	245,245,245,245	0
89	OHX	2	2157	7/7	0.88	0.18	251,251,251,251	0
88	MG	1	3466	1/1	0.88	0.07	21,21,21,21	0
89	OHX	1	4148	7/7	0.88	0.16	209,209,209,209	0
89	OHX	1	4150	7/7	0.88	0.15	205,205,205,205	0
88	MG	5	3694	1/1	0.88	0.14	56,56,56,56	0
89	OHX	1	4152	7/7	0.88	0.23	276,276,276,276	0
89	OHX	5	4104	7/7	0.88	0.16	188,188,188,188	0
89	OHX	5	4140	7/7	0.88	0.19	227,227,227,227	0
89	OHX	5	4144	7/7	0.88	0.18	216,216,216,216	0
88	MG	m5	301	1/1	0.88	0.21	49,49,49,49	0
88	MG	1	3854	1/1	0.88	0.23	43,43,43,43	0
88	MG	n3	202	1/1	0.88	0.15	60,60,60,60	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	4102	7/7	0.89	0.18	191,191,191,191	0
89	OHX	1	4114	7/7	0.89	0.14	205,205,205,205	0
89	OHX	5	4111	7/7	0.89	0.13	225,225,225,225	0
89	OHX	5	4125	7/7	0.89	0.12	228,228,228,228	0
89	OHX	5	4135	7/7	0.89	0.12	242,242,242,242	0
89	OHX	1	4117	7/7	0.89	0.17	213,213,213,213	0
89	OHX	5	4141	7/7	0.89	0.11	223,223,223,223	0
89	OHX	5	4142	7/7	0.89	0.16	243,243,243,243	0
88	MG	5	3689	1/1	0.89	0.11	31,31,31,31	0
89	OHX	1	4122	7/7	0.89	0.11	235,235,235,235	0
89	OHX	1	4123	7/7	0.89	0.19	224,224,224,224	0
88	MG	1	3405	1/1	0.89	0.16	39,39,39,39	0
88	MG	4	211	1/1	0.89	0.12	34,34,34,34	0
88	MG	1	3584	1/1	0.89	0.11	29,29,29,29	0
89	OHX	1	4222	7/7	0.89	0.19	268,268,268,268	0
88	MG	2	1934	1/1	0.89	0.23	61,61,61,61	0
88	MG	1	3708	1/1	0.89	0.21	30,30,30,30	0
89	OHX	1	4138	7/7	0.89	0.19	223,223,223,223	0
89	OHX	5	4171	7/7	0.89	0.10	236,236,236,236	0
89	OHX	5	4172	7/7	0.89	0.17	260,260,260,260	0
89	OHX	3	222	7/7	0.89	0.15	228,228,228,228	0
88	MG	6	2016	1/1	0.89	0.11	52,52,52,52	0
89	OHX	5	4176	7/7	0.89	0.26	273,273,273,273	0
89	OHX	5	4178	7/7	0.89	0.21	218,218,218,218	0
89	OHX	5	4179	7/7	0.89	0.20	273,273,273,273	0
88	MG	1	3797	1/1	0.89	0.11	75,75,75,75	0
89	OHX	5	4181	7/7	0.89	0.13	212,212,212,212	0
89	OHX	4	229	7/7	0.89	0.16	206,206,206,206	0
88	MG	5	3732	1/1	0.89	0.20	43,43,43,43	0
89	OHX	4	231	7/7	0.89	0.16	237,237,237,237	0
88	MG	5	3760	1/1	0.89	0.15	42,42,42,42	0
88	MG	5	3780	1/1	0.89	0.10	39,39,39,39	0
89	OHX	5	4190	7/7	0.89	0.13	225,225,225,225	0
89	OHX	1	4146	7/7	0.89	0.17	302,302,302,302	0
88	MG	1	3800	1/1	0.89	0.08	37,37,37,37	0
89	OHX	5	4194	7/7	0.89	0.15	230,230,230,230	0
88	MG	M7	203	1/1	0.89	0.28	34,34,34,34	0
89	OHX	2	2144	7/7	0.89	0.11	222,222,222,222	0
89	OHX	5	4198	7/7	0.89	0.12	244,244,244,244	0
88	MG	5	3794	1/1	0.89	0.12	42,42,42,42	0
89	OHX	6	2114	7/7	0.89	0.16	209,209,209,209	0
89	OHX	5	4205	7/7	0.89	0.15	224,224,224,224	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2131	7/7	0.89	0.17	202,202,202,202	0
88	MG	1	3590	1/1	0.89	0.33	28,28,28,28	0
88	MG	1	3593	1/1	0.89	0.33	21,21,21,21	0
88	MG	2	1904	1/1	0.89	0.13	30,30,30,30	0
88	MG	6	1908	1/1	0.89	0.16	34,34,34,34	0
89	OHX	1	4157	7/7	0.89	0.17	213,213,213,213	0
88	MG	5	3802	1/1	0.89	0.18	43,43,43,43	0
88	MG	6	1909	1/1	0.89	0.23	41,41,41,41	0
89	OHX	2	2154	7/7	0.89	0.11	244,244,244,244	0
89	OHX	6	2158	7/7	0.89	0.16	193,193,193,193	0
89	OHX	6	2159	7/7	0.89	0.13	215,215,215,215	0
88	MG	s8	301	1/1	0.89	0.18	38,38,38,38	0
89	OHX	1	4166	7/7	0.89	0.13	234,234,234,234	0
89	OHX	1	4171	7/7	0.89	0.11	247,247,247,247	0
88	MG	c9	201	1/1	0.89	0.14	44,44,44,44	0
88	MG	5	3818	1/1	0.89	0.09	53,53,53,53	0
88	MG	5	3846	1/1	0.89	0.23	39,39,39,39	0
88	MG	5	3403	1/1	0.89	0.31	47,47,47,47	0
88	MG	1	3824	1/1	0.89	0.12	58,58,58,58	0
88	MG	2	1944	1/1	0.89	0.19	49,49,49,49	0
88	MG	5	3886	1/1	0.89	0.12	34,34,34,34	0
88	MG	1	3621	1/1	0.89	0.14	35,35,35,35	0
88	MG	5	3890	1/1	0.89	0.39	56,56,56,56	0
88	MG	2	1931	1/1	0.89	0.25	51,51,51,51	0
89	OHX	2	2170	7/7	0.89	0.16	196,196,196,196	0
88	MG	1	3853	1/1	0.89	0.24	45,45,45,45	0
89	OHX	6	2179	7/7	0.89	0.17	254,254,254,254	0
88	MG	1	3456	1/1	0.89	0.19	33,33,33,33	0
88	MG	6	1963	1/1	0.89	0.21	57,57,57,57	0
88	MG	2	2019	1/1	0.89	0.23	32,32,32,32	0
89	OHX	2	2175	7/7	0.89	0.14	250,250,250,250	0
88	MG	1	3643	1/1	0.89	0.24	44,44,44,44	0
88	MG	8	216	1/1	0.89	0.21	43,43,43,43	0
89	OHX	5	4247	7/7	0.89	0.16	238,238,238,238	0
89	OHX	5	4248	7/7	0.89	0.12	254,254,254,254	0
89	OHX	5	4249	7/7	0.89	0.17	233,233,233,233	0
88	MG	5	3491	1/1	0.89	0.14	12,12,12,12	0
88	MG	5	3498	1/1	0.89	0.12	27,27,27,27	0
88	MG	6	1975	1/1	0.89	0.17	47,47,47,47	0
88	MG	1	3646	1/1	0.89	0.30	44,44,44,44	0
88	MG	1	3468	1/1	0.89	0.09	40,40,40,40	0
89	OHX	1	4028	7/7	0.89	0.14	177,177,177,177	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	4039	7/7	0.89	0.17	226,226,226,226	0
88	MG	3	208	1/1	0.89	0.17	54,54,54,54	0
89	OHX	1	4074	7/7	0.89	0.10	255,255,255,255	0
89	OHX	7	225	7/7	0.89	0.18	270,270,270,270	0
88	MG	1	3767	1/1	0.89	0.20	53,53,53,53	0
88	MG	6	1991	1/1	0.89	0.10	35,35,35,35	0
88	MG	q3	502	1/1	0.89	0.08	48,48,48,48	0
89	OHX	2	2093	7/7	0.89	0.16	196,196,196,196	0
88	MG	5	3685	1/1	0.89	0.10	35,35,35,35	0
89	OHX	2	2103	7/7	0.89	0.13	215,215,215,215	0
89	OHX	2	2108	7/7	0.89	0.16	199,199,199,199	0
88	MG	1	3660	1/1	0.89	0.18	29,29,29,29	0
89	OHX	m0	302	7/7	0.89	0.13	232,232,232,232	0
89	OHX	m1	202	7/7	0.89	0.09	259,259,259,259	0
89	OHX	d4	202	7/7	0.89	0.11	213,213,213,213	0
89	OHX	5	4093	7/7	0.89	0.24	227,227,227,227	0
89	OHX	5	4099	7/7	0.89	0.12	210,210,210,210	0
88	MG	1	3492	1/1	0.90	0.13	36,36,36,36	0
89	OHX	5	4159	7/7	0.90	0.14	231,231,231,231	0
88	MG	S8	301	1/1	0.90	0.19	47,47,47,47	0
89	OHX	5	4163	7/7	0.90	0.15	233,233,233,233	0
88	MG	5	3836	1/1	0.90	0.23	58,58,58,58	0
89	OHX	5	4165	7/7	0.90	0.16	204,204,204,204	0
88	MG	6	1979	1/1	0.90	0.23	40,40,40,40	0
88	MG	5	3487	1/1	0.90	0.15	49,49,49,49	0
89	OHX	2	2155	7/7	0.90	0.12	229,229,229,229	0
88	MG	2	1947	1/1	0.90	0.06	30,30,30,30	0
88	MG	5	3857	1/1	0.90	0.20	56,56,56,56	0
88	MG	5	3868	1/1	0.90	0.10	38,38,38,38	0
88	MG	2	1924	1/1	0.90	0.29	50,50,50,50	0
88	MG	4	208	1/1	0.90	0.09	44,44,44,44	0
88	MG	5	3506	1/1	0.90	0.24	22,22,22,22	0
89	OHX	6	2146	7/7	0.90	0.14	219,219,219,219	0
88	MG	1	3530	1/1	0.90	0.34	25,25,25,25	0
89	OHX	6	2149	7/7	0.90	0.14	207,207,207,207	0
89	OHX	5	4182	7/7	0.90	0.18	224,224,224,224	0
89	OHX	6	2150	7/7	0.90	0.12	206,206,206,206	0
88	MG	5	3539	1/1	0.90	0.32	36,36,36,36	0
89	OHX	5	4186	7/7	0.90	0.11	237,237,237,237	0
89	OHX	6	2153	7/7	0.90	0.21	241,241,241,241	0
88	MG	5	3894	1/1	0.90	0.17	41,41,41,41	0
88	MG	5	3574	1/1	0.90	0.23	21,21,21,21	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2157	7/7	0.90	0.12	197,197,197,197	0
88	MG	7	208	1/1	0.90	0.25	47,47,47,47	0
88	MG	5	3590	1/1	0.90	0.16	23,23,23,23	0
88	MG	1	3773	1/1	0.90	0.12	35,35,35,35	0
89	OHX	5	4195	7/7	0.90	0.13	208,208,208,208	0
88	MG	8	202	1/1	0.90	0.16	37,37,37,37	0
88	MG	5	3627	1/1	0.90	0.16	35,35,35,35	0
88	MG	1	3414	1/1	0.90	0.30	39,39,39,39	0
88	MG	1	3789	1/1	0.90	0.19	50,50,50,50	0
88	MG	L7	303	1/1	0.90	0.14	56,56,56,56	0
89	OHX	5	4203	7/7	0.90	0.16	227,227,227,227	0
88	MG	2	2003	1/1	0.90	0.15	50,50,50,50	0
88	MG	5	3671	1/1	0.90	0.18	30,30,30,30	0
89	OHX	2	2179	7/7	0.90	0.15	267,267,267,267	0
88	MG	5	3684	1/1	0.90	0.12	43,43,43,43	0
89	OHX	S8	302	7/7	0.90	0.09	247,247,247,247	0
88	MG	1	3668	1/1	0.90	0.17	43,43,43,43	0
88	MG	n8	201	1/1	0.90	0.08	21,21,21,21	0
88	MG	2	1958	1/1	0.90	0.09	30,30,30,30	0
88	MG	1	3443	1/1	0.90	0.22	19,19,19,19	0
89	OHX	5	4216	7/7	0.90	0.12	217,217,217,217	0
88	MG	5	3690	1/1	0.90	0.18	54,54,54,54	0
88	MG	1	3700	1/1	0.90	0.14	49,49,49,49	0
89	OHX	5	4219	7/7	0.90	0.10	248,248,248,248	0
89	OHX	2	2081	7/7	0.90	0.14	191,191,191,191	0
88	MG	2	1906	1/1	0.90	0.15	31,31,31,31	0
89	OHX	1	4197	7/7	0.90	0.12	233,233,233,233	0
88	MG	6	1902	1/1	0.90	0.26	44,44,44,44	0
89	OHX	1	4080	7/7	0.90	0.15	216,216,216,216	0
89	OHX	1	4085	7/7	0.90	0.18	241,241,241,241	0
89	OHX	1	4093	7/7	0.90	0.13	227,227,227,227	0
88	MG	5	3699	1/1	0.90	0.11	51,51,51,51	0
89	OHX	2	2105	7/7	0.90	0.14	193,193,193,193	0
88	MG	1	3561	1/1	0.90	0.27	31,31,31,31	0
89	OHX	2	2112	7/7	0.90	0.10	235,235,235,235	0
88	MG	1	3568	1/1	0.90	0.12	25,25,25,25	0
89	OHX	5	4234	7/7	0.90	0.08	249,249,249,249	0
88	MG	1	3454	1/1	0.90	0.23	47,47,47,47	0
88	MG	2	1915	1/1	0.90	0.21	36,36,36,36	0
89	OHX	6	2195	7/7	0.90	0.13	231,231,231,231	0
88	MG	5	3724	1/1	0.90	0.09	37,37,37,37	0
88	MG	6	1918	1/1	0.90	0.18	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3459	1/1	0.90	0.19	24,24,24,24	0
89	OHX	1	4215	7/7	0.90	0.13	272,272,272,272	0
88	MG	c1	201	1/1	0.90	0.12	31,31,31,31	0
89	OHX	2	2134	7/7	0.90	0.15	213,213,213,213	0
88	MG	c7	201	1/1	0.90	0.31	64,64,64,64	0
89	OHX	s8	303	7/7	0.90	0.10	255,255,255,255	0
88	MG	6	1924	1/1	0.90	0.15	41,41,41,41	0
88	MG	2	1991	1/1	0.90	0.20	42,42,42,42	0
89	OHX	d9	102	7/7	0.90	0.13	235,235,235,235	0
89	OHX	5	4065	7/7	0.90	0.17	178,178,178,178	0
89	OHX	5	4090	7/7	0.90	0.17	188,188,188,188	0
89	OHX	1	4131	7/7	0.90	0.12	227,227,227,227	0
89	OHX	5	4096	7/7	0.90	0.17	175,175,175,175	0
88	MG	5	3423	1/1	0.90	0.19	34,34,34,34	0
88	MG	2	1967	1/1	0.90	0.08	50,50,50,50	0
89	OHX	1	4139	7/7	0.90	0.12	213,213,213,213	0
88	MG	5	3430	1/1	0.90	0.24	53,53,53,53	0
89	OHX	5	4112	7/7	0.90	0.13	242,242,242,242	0
89	OHX	1	4141	7/7	0.90	0.10	229,229,229,229	0
89	OHX	5	4131	7/7	0.90	0.15	195,195,195,195	0
88	MG	1	3595	1/1	0.90	0.23	28,28,28,28	0
88	MG	1	3480	1/1	0.90	0.21	30,30,30,30	0
89	OHX	3	225	7/7	0.90	0.12	271,271,271,271	0
89	OHX	2	2145	7/7	0.90	0.12	226,226,226,226	0
88	MG	5	3804	1/1	0.90	0.13	45,45,45,45	0
89	OHX	l5	304	7/7	0.90	0.11	239,239,239,239	0
88	MG	1	3864	1/1	0.90	0.24	28,28,28,28	0
89	OHX	5	4147	7/7	0.90	0.12	208,208,208,208	0
89	OHX	5	4150	7/7	0.90	0.17	215,215,215,215	0
89	OHX	4	232	7/7	0.90	0.13	249,249,249,249	0
89	OHX	5	4153	7/7	0.90	0.14	245,245,245,245	0
89	OHX	5	4154	7/7	0.90	0.14	220,220,220,220	0
88	MG	2	1969	1/1	0.90	0.31	61,61,61,61	0
88	MG	1	3725	1/1	0.91	0.06	21,21,21,21	0
89	OHX	sR	401	7/7	0.91	0.11	220,220,220,220	0
89	OHX	5	4019	7/7	0.91	0.16	171,171,171,171	0
89	OHX	5	4028	7/7	0.91	0.19	179,179,179,179	0
88	MG	1	3625	1/1	0.91	0.16	60,60,60,60	0
88	MG	3	210	1/1	0.91	0.12	48,48,48,48	0
88	MG	1	3417	1/1	0.91	0.19	32,32,32,32	0
88	MG	5	3716	1/1	0.91	0.08	38,38,38,38	0
88	MG	6	2012	1/1	0.91	0.16	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	4101	7/7	0.91	0.17	191,191,191,191	0
88	MG	6	2014	1/1	0.91	0.06	34,34,34,34	0
89	OHX	5	4103	7/7	0.91	0.14	197,197,197,197	0
88	MG	4	205	1/1	0.91	0.15	19,19,19,19	0
89	OHX	5	4106	7/7	0.91	0.13	187,187,187,187	0
88	MG	2	1926	1/1	0.91	0.17	46,46,46,46	0
88	MG	5	3734	1/1	0.91	0.11	40,40,40,40	0
89	OHX	5	4114	7/7	0.91	0.12	204,204,204,204	0
89	OHX	5	4119	7/7	0.91	0.11	199,199,199,199	0
88	MG	5	3735	1/1	0.91	0.15	49,49,49,49	0
89	OHX	5	4127	7/7	0.91	0.14	206,206,206,206	0
88	MG	1	3639	1/1	0.91	0.13	26,26,26,26	0
88	MG	5	3764	1/1	0.91	0.20	49,49,49,49	0
88	MG	5	3773	1/1	0.91	0.06	56,56,56,56	0
88	MG	6	2025	1/1	0.91	0.27	43,43,43,43	0
88	MG	6	2026	1/1	0.91	0.24	45,45,45,45	0
88	MG	1	3472	1/1	0.91	0.08	28,28,28,28	0
89	OHX	2	2161	7/7	0.91	0.11	312,312,312,312	0
88	MG	2	1988	1/1	0.91	0.25	60,60,60,60	0
89	OHX	5	4148	7/7	0.91	0.17	210,210,210,210	0
89	OHX	5	4149	7/7	0.91	0.16	216,216,216,216	0
88	MG	2	1948	1/1	0.91	0.21	31,31,31,31	0
88	MG	1	3647	1/1	0.91	0.09	35,35,35,35	0
89	OHX	5	4152	7/7	0.91	0.13	217,217,217,217	0
88	MG	L7	304	1/1	0.91	0.15	44,44,44,44	0
88	MG	1	3651	1/1	0.91	0.19	33,33,33,33	0
89	OHX	2	2167	7/7	0.91	0.10	254,254,254,254	0
88	MG	6	2043	1/1	0.91	0.16	35,35,35,35	0
88	MG	2	1943	1/1	0.91	0.10	33,33,33,33	0
89	OHX	5	4160	7/7	0.91	0.12	231,231,231,231	0
88	MG	M3	202	1/1	0.91	0.19	50,50,50,50	0
88	MG	1	3656	1/1	0.91	0.12	59,59,59,59	0
88	MG	1	3658	1/1	0.91	0.20	27,27,27,27	0
88	MG	5	3816	1/1	0.91	0.06	48,48,48,48	0
89	OHX	5	4166	7/7	0.91	0.14	189,189,189,189	0
89	OHX	1	4213	7/7	0.91	0.16	202,202,202,202	0
88	MG	M9	201	1/1	0.91	0.09	83,83,83,83	0
88	MG	1	3782	1/1	0.91	0.09	36,36,36,36	0
89	OHX	5	4170	7/7	0.91	0.16	208,208,208,208	0
88	MG	N8	201	1/1	0.91	0.14	30,30,30,30	0
88	MG	N8	202	1/1	0.91	0.08	16,16,16,16	0
89	OHX	5	4173	7/7	0.91	0.14	228,228,228,228	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3849	1/1	0.91	0.08	50,50,50,50	0
88	MG	N8	204	1/1	0.91	0.18	43,43,43,43	0
88	MG	1	3787	1/1	0.91	0.17	27,27,27,27	0
89	OHX	C3	201	7/7	0.91	0.10	238,238,238,238	0
88	MG	5	3444	1/1	0.91	0.08	24,24,24,24	0
88	MG	5	3448	1/1	0.91	0.12	53,53,53,53	0
88	MG	5	3878	1/1	0.91	0.18	25,25,25,25	0
88	MG	5	3451	1/1	0.91	0.27	38,38,38,38	0
88	MG	5	3887	1/1	0.91	0.15	33,33,33,33	0
88	MG	1	3450	1/1	0.91	0.13	32,32,32,32	0
88	MG	5	3456	1/1	0.91	0.07	44,44,44,44	0
88	MG	1	3666	1/1	0.91	0.24	60,60,60,60	0
88	MG	5	3892	1/1	0.91	0.08	17,17,17,17	0
88	MG	1	3667	1/1	0.91	0.10	51,51,51,51	0
89	OHX	1	4082	7/7	0.91	0.17	213,213,213,213	0
89	OHX	1	4084	7/7	0.91	0.14	231,231,231,231	0
88	MG	1	3451	1/1	0.91	0.13	14,14,14,14	0
89	OHX	1	4090	7/7	0.91	0.14	220,220,220,220	0
88	MG	5	4259	1/1	0.91	0.17	51,51,51,51	0
88	MG	1	3798	1/1	0.91	0.11	54,54,54,54	0
89	OHX	1	4095	7/7	0.91	0.15	207,207,207,207	0
89	OHX	1	4096	7/7	0.91	0.15	191,191,191,191	0
89	OHX	O3	201	7/7	0.91	0.17	178,178,178,178	0
89	OHX	1	4102	7/7	0.91	0.12	213,213,213,213	0
88	MG	2	1923	1/1	0.91	0.18	31,31,31,31	0
89	OHX	6	2121	7/7	0.91	0.15	213,213,213,213	0
89	OHX	6	2128	7/7	0.91	0.20	183,183,183,183	0
89	OHX	6	2129	7/7	0.91	0.15	191,191,191,191	0
88	MG	5	3480	1/1	0.91	0.18	48,48,48,48	0
88	MG	2	2008	1/1	0.91	0.31	33,33,33,33	0
89	OHX	6	2136	7/7	0.91	0.13	206,206,206,206	0
88	MG	1	3682	1/1	0.91	0.17	46,46,46,46	0
89	OHX	5	4213	7/7	0.91	0.16	281,281,281,281	0
88	MG	6	1928	1/1	0.91	0.27	51,51,51,51	0
88	MG	1	3685	1/1	0.91	0.15	49,49,49,49	0
89	OHX	1	4115	7/7	0.91	0.15	215,215,215,215	0
89	OHX	1	4116	7/7	0.91	0.14	209,209,209,209	0
88	MG	5	3500	1/1	0.91	0.23	33,33,33,33	0
88	MG	1	3689	1/1	0.91	0.20	47,47,47,47	0
89	OHX	5	4220	7/7	0.91	0.15	256,256,256,256	0
88	MG	l7	302	1/1	0.91	0.22	38,38,38,38	0
88	MG	m1	201	1/1	0.91	0.12	41,41,41,41	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2154	7/7	0.91	0.12	209,209,209,209	0
88	MG	1	3693	1/1	0.91	0.36	65,65,65,65	0
88	MG	5	3535	1/1	0.91	0.19	23,23,23,23	0
88	MG	n0	201	1/1	0.91	0.09	42,42,42,42	0
89	OHX	1	4128	7/7	0.91	0.11	222,222,222,222	0
88	MG	1	3833	1/1	0.91	0.09	47,47,47,47	0
88	MG	5	3553	1/1	0.91	0.21	12,12,12,12	0
89	OHX	1	4132	7/7	0.91	0.19	180,180,180,180	0
89	OHX	1	4133	7/7	0.91	0.16	208,208,208,208	0
88	MG	5	3557	1/1	0.91	0.23	32,32,32,32	0
89	OHX	1	4135	7/7	0.91	0.19	232,232,232,232	0
88	MG	6	1952	1/1	0.91	0.19	29,29,29,29	0
88	MG	5	3576	1/1	0.91	0.25	12,12,12,12	0
88	MG	o4	201	1/1	0.91	0.20	48,48,48,48	0
88	MG	5	3580	1/1	0.91	0.25	19,19,19,19	0
88	MG	5	3585	1/1	0.91	0.23	24,24,24,24	0
89	OHX	2	2091	7/7	0.91	0.13	192,192,192,192	0
89	OHX	6	2174	7/7	0.91	0.17	223,223,223,223	0
88	MG	6	1958	1/1	0.91	0.24	31,31,31,31	0
88	MG	5	3596	1/1	0.91	0.24	23,23,23,23	0
88	MG	1	3697	1/1	0.91	0.22	52,52,52,52	0
89	OHX	1	4147	7/7	0.91	0.16	166,166,166,166	0
88	MG	5	3609	1/1	0.91	0.21	45,45,45,45	0
88	MG	6	1967	1/1	0.91	0.08	29,29,29,29	0
88	MG	5	3634	1/1	0.91	0.16	26,26,26,26	0
88	MG	1	3538	1/1	0.91	0.22	40,40,40,40	0
89	OHX	2	2119	7/7	0.91	0.12	205,205,205,205	0
88	MG	5	3645	1/1	0.91	0.18	40,40,40,40	0
89	OHX	2	2121	7/7	0.91	0.12	237,237,237,237	0
89	OHX	2	2122	7/7	0.91	0.11	222,222,222,222	0
88	MG	1	3851	1/1	0.91	0.21	42,42,42,42	0
89	OHX	1	4158	7/7	0.91	0.10	257,257,257,257	0
88	MG	1	3602	1/1	0.91	0.29	26,26,26,26	0
88	MG	5	3657	1/1	0.91	0.14	42,42,42,42	0
89	OHX	1	4161	7/7	0.91	0.10	216,216,216,216	0
88	MG	1	3610	1/1	0.91	0.15	54,54,54,54	0
89	OHX	2	2132	7/7	0.91	0.13	211,211,211,211	0
89	OHX	1	4165	7/7	0.91	0.17	204,204,204,204	0
88	MG	1	3457	1/1	0.91	0.25	28,28,28,28	0
89	OHX	1	4168	7/7	0.91	0.16	257,257,257,257	0
89	OHX	1	4170	7/7	0.91	0.14	188,188,188,188	0
88	MG	1	3617	1/1	0.91	0.20	25,25,25,25	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3620	1/1	0.91	0.28	42,42,42,42	0
88	MG	1	3722	1/1	0.91	0.15	38,38,38,38	0
88	MG	6	1988	1/1	0.91	0.09	47,47,47,47	0
88	MG	6	1989	1/1	0.91	0.15	37,37,37,37	0
88	MG	2	1996	1/1	0.91	0.23	32,32,32,32	0
88	MG	1	3871	1/1	0.91	0.21	62,62,62,62	0
90	ZN	Q2	501	1/1	0.91	0.19	305,305,305,305	0
89	OHX	2	2142	7/7	0.91	0.17	172,172,172,172	0
89	OHX	5	4072	7/7	0.92	0.16	183,183,183,183	0
89	OHX	5	4081	7/7	0.92	0.13	194,194,194,194	0
88	MG	5	3449	1/1	0.92	0.08	31,31,31,31	0
88	MG	1	3843	1/1	0.92	0.40	50,50,50,50	0
89	OHX	5	4094	7/7	0.92	0.17	177,177,177,177	0
88	MG	6	1925	1/1	0.92	0.29	20,20,20,20	0
88	MG	1	3627	1/1	0.92	0.14	30,30,30,30	0
89	OHX	5	4100	7/7	0.92	0.12	197,197,197,197	0
88	MG	2	1985	1/1	0.92	0.07	53,53,53,53	0
88	MG	5	3809	1/1	0.92	0.09	33,33,33,33	0
88	MG	2	1914	1/1	0.92	0.20	33,33,33,33	0
88	MG	5	3466	1/1	0.92	0.24	50,50,50,50	0
88	MG	1	3634	1/1	0.92	0.08	21,21,21,21	0
88	MG	2	2010	1/1	0.92	0.33	46,46,46,46	0
88	MG	6	1941	1/1	0.92	0.18	25,25,25,25	0
88	MG	5	3825	1/1	0.92	0.08	33,33,33,33	0
88	MG	6	1944	1/1	0.92	0.23	29,29,29,29	0
89	OHX	5	4122	7/7	0.92	0.14	192,192,192,192	0
89	OHX	5	4123	7/7	0.92	0.12	185,185,185,185	0
89	OHX	2	2168	7/7	0.92	0.14	198,198,198,198	0
88	MG	5	3483	1/1	0.92	0.20	21,21,21,21	0
88	MG	5	3484	1/1	0.92	0.23	42,42,42,42	0
88	MG	1	3858	1/1	0.92	0.28	61,61,61,61	0
88	MG	1	3727	1/1	0.92	0.08	42,42,42,42	0
88	MG	1	3446	1/1	0.92	0.14	27,27,27,27	0
88	MG	1	3734	1/1	0.92	0.20	44,44,44,44	0
89	OHX	1	4205	7/7	0.92	0.12	220,220,220,220	0
88	MG	1	3868	1/1	0.92	0.09	46,46,46,46	0
88	MG	6	1971	1/1	0.92	0.10	22,22,22,22	0
88	MG	5	3881	1/1	0.92	0.23	28,28,28,28	0
88	MG	5	3885	1/1	0.92	0.21	25,25,25,25	0
88	MG	1	3736	1/1	0.92	0.07	65,65,65,65	0
88	MG	1	3870	1/1	0.92	0.22	43,43,43,43	0
88	MG	2	1933	1/1	0.92	0.12	39,39,39,39	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	2013	1/1	0.92	0.18	47,47,47,47	0
88	MG	5	3554	1/1	0.92	0.10	23,23,23,23	0
89	OHX	5	4155	7/7	0.92	0.12	203,203,203,203	0
88	MG	2	1992	1/1	0.92	0.13	53,53,53,53	0
88	MG	5	3562	1/1	0.92	0.28	28,28,28,28	0
89	OHX	1	3963	7/7	0.92	0.21	137,137,137,137	0
88	MG	5	3895	1/1	0.92	0.11	114,114,114,114	0
88	MG	5	3897	1/1	0.92	0.12	32,32,32,32	0
89	OHX	5	4162	7/7	0.92	0.15	236,236,236,236	0
88	MG	1	3560	1/1	0.92	0.15	55,55,55,55	0
89	OHX	1	4049	7/7	0.92	0.15	174,174,174,174	0
89	OHX	1	4223	7/7	0.92	0.18	222,222,222,222	0
89	OHX	1	4057	7/7	0.92	0.14	193,193,193,193	0
89	OHX	1	4058	7/7	0.92	0.16	174,174,174,174	0
88	MG	5	3899	1/1	0.92	0.10	26,26,26,26	0
88	MG	3	211	1/1	0.92	0.08	47,47,47,47	0
88	MG	5	4261	1/1	0.92	0.13	48,48,48,48	0
89	OHX	1	4079	7/7	0.92	0.13	183,183,183,183	0
88	MG	3	212	1/1	0.92	0.10	87,87,87,87	0
89	OHX	4	227	7/7	0.92	0.11	186,186,186,186	0
88	MG	7	211	1/1	0.92	0.08	55,55,55,55	0
88	MG	7	212	1/1	0.92	0.06	41,41,41,41	0
88	MG	2	2017	1/1	0.92	0.33	49,49,49,49	0
89	OHX	1	4089	7/7	0.92	0.14	187,187,187,187	0
88	MG	1	3563	1/1	0.92	0.21	17,17,17,17	0
89	OHX	1	4092	7/7	0.92	0.14	205,205,205,205	0
88	MG	2	1971	1/1	0.92	0.07	26,26,26,26	0
89	OHX	M0	303	7/7	0.92	0.15	153,153,153,153	0
88	MG	1	3577	1/1	0.92	0.25	22,22,22,22	0
88	MG	2	1972	1/1	0.92	0.14	36,36,36,36	0
88	MG	2	1995	1/1	0.92	0.09	38,38,38,38	0
89	OHX	1	4099	7/7	0.92	0.15	193,193,193,193	0
89	OHX	6	2102	7/7	0.92	0.17	166,166,166,166	0
88	MG	5	3628	1/1	0.92	0.09	12,12,12,12	0
88	MG	5	3631	1/1	0.92	0.22	60,60,60,60	0
88	MG	17	301	1/1	0.92	0.10	36,36,36,36	0
89	OHX	6	2123	7/7	0.92	0.13	188,188,188,188	0
89	OHX	6	2124	7/7	0.92	0.13	218,218,218,218	0
89	OHX	6	2127	7/7	0.92	0.13	190,190,190,190	0
88	MG	5	3633	1/1	0.92	0.11	39,39,39,39	0
89	OHX	1	4109	7/7	0.92	0.10	219,219,219,219	0
88	MG	1	3777	1/1	0.92	0.13	40,40,40,40	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2008	1/1	0.92	0.19	56,56,56,56	0
89	OHX	6	2134	7/7	0.92	0.14	183,183,183,183	0
89	OHX	5	4201	7/7	0.92	0.11	220,220,220,220	0
88	MG	5	3638	1/1	0.92	0.16	40,40,40,40	0
88	MG	m7	204	1/1	0.92	0.13	33,33,33,33	0
88	MG	5	3639	1/1	0.92	0.13	38,38,38,38	0
88	MG	L5	301	1/1	0.92	0.09	32,32,32,32	0
88	MG	5	3647	1/1	0.92	0.14	58,58,58,58	0
88	MG	1	3401	1/1	0.92	0.10	32,32,32,32	0
88	MG	1	3670	1/1	0.92	0.20	39,39,39,39	0
88	MG	1	3671	1/1	0.92	0.18	45,45,45,45	0
89	OHX	5	4212	7/7	0.92	0.13	215,215,215,215	0
88	MG	5	3658	1/1	0.92	0.11	29,29,29,29	0
88	MG	q1	101	1/1	0.92	0.19	30,30,30,30	0
89	OHX	1	4127	7/7	0.92	0.17	208,208,208,208	0
88	MG	1	3403	1/1	0.92	0.22	35,35,35,35	0
89	OHX	1	4129	7/7	0.92	0.13	194,194,194,194	0
89	OHX	2	2075	7/7	0.92	0.13	209,209,209,209	0
89	OHX	2	2078	7/7	0.92	0.12	189,189,189,189	0
88	MG	5	3665	1/1	0.92	0.16	15,15,15,15	0
89	OHX	2	2084	7/7	0.92	0.14	208,208,208,208	0
89	OHX	2	2086	7/7	0.92	0.13	207,207,207,207	0
89	OHX	6	2162	7/7	0.92	0.12	210,210,210,210	0
88	MG	2	1902	1/1	0.92	0.15	16,16,16,16	0
89	OHX	1	4136	7/7	0.92	0.17	209,209,209,209	0
89	OHX	1	4137	7/7	0.92	0.12	207,207,207,207	0
88	MG	5	3677	1/1	0.92	0.08	33,33,33,33	0
88	MG	1	3677	1/1	0.92	0.21	32,32,32,32	0
88	MG	M7	202	1/1	0.92	0.25	35,35,35,35	0
89	OHX	2	2104	7/7	0.92	0.10	217,217,217,217	0
88	MG	1	3406	1/1	0.92	0.16	38,38,38,38	0
88	MG	5	3688	1/1	0.92	0.18	43,43,43,43	0
88	MG	1	3684	1/1	0.92	0.05	27,27,27,27	0
89	OHX	2	2113	7/7	0.92	0.11	194,194,194,194	0
89	OHX	2	2114	7/7	0.92	0.13	208,208,208,208	0
88	MG	6	2036	1/1	0.92	0.20	37,37,37,37	0
89	OHX	2	2118	7/7	0.92	0.12	206,206,206,206	0
88	MG	N0	201	1/1	0.92	0.22	35,35,35,35	0
88	MG	N3	203	1/1	0.92	0.13	34,34,34,34	0
88	MG	6	2040	1/1	0.92	0.21	51,51,51,51	0
88	MG	5	3698	1/1	0.92	0.19	38,38,38,38	0
89	OHX	2	2125	7/7	0.92	0.11	212,212,212,212	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3487	1/1	0.92	0.20	26,26,26,26	0
88	MG	5	3701	1/1	0.92	0.09	32,32,32,32	0
88	MG	5	3705	1/1	0.92	0.08	37,37,37,37	0
88	MG	1	3804	1/1	0.92	0.15	59,59,59,59	0
88	MG	5	3708	1/1	0.92	0.14	45,45,45,45	0
88	MG	2	1930	1/1	0.92	0.27	41,41,41,41	0
88	MG	1	3810	1/1	0.92	0.18	52,52,52,52	0
88	MG	1	3613	1/1	0.92	0.27	36,36,36,36	0
88	MG	2	1941	1/1	0.92	0.17	46,46,46,46	0
88	MG	6	1903	1/1	0.92	0.32	33,33,33,33	0
88	MG	5	3401	1/1	0.92	0.10	36,36,36,36	0
89	OHX	1	4167	7/7	0.92	0.13	221,221,221,221	0
88	MG	1	3500	1/1	0.92	0.27	27,27,27,27	0
88	MG	5	3407	1/1	0.92	0.10	30,30,30,30	0
88	MG	5	3739	1/1	0.92	0.16	55,55,55,55	0
88	MG	5	3741	1/1	0.92	0.21	40,40,40,40	0
88	MG	5	3410	1/1	0.92	0.19	41,41,41,41	0
88	MG	5	3411	1/1	0.92	0.18	20,20,20,20	0
89	OHX	8	230	7/7	0.92	0.12	219,219,219,219	0
89	OHX	1	4175	7/7	0.92	0.17	210,210,210,210	0
88	MG	2	1963	1/1	0.92	0.19	46,46,46,46	0
88	MG	5	3774	1/1	0.92	0.10	55,55,55,55	0
89	OHX	15	303	7/7	0.92	0.11	200,200,200,200	0
88	MG	1	3830	1/1	0.92	0.22	56,56,56,56	0
88	MG	5	3782	1/1	0.92	0.08	55,55,55,55	0
88	MG	1	3832	1/1	0.92	0.10	41,41,41,41	0
89	OHX	19	600	7/7	0.92	0.10	219,219,219,219	0
88	MG	6	1917	1/1	0.92	0.15	31,31,31,31	0
88	MG	2	1942	1/1	0.92	0.13	39,39,39,39	0
89	OHX	5	4029	7/7	0.92	0.18	142,142,142,142	0
89	OHX	5	4039	7/7	0.92	0.13	163,163,163,163	0
89	OHX	5	4044	7/7	0.92	0.14	166,166,166,166	0
88	MG	1	3520	1/1	0.92	0.24	8,8,8,8	0
89	OHX	5	4038	7/7	0.93	0.13	155,155,155,155	0
88	MG	5	3772	1/1	0.93	0.16	71,71,71,71	0
88	MG	5	3434	1/1	0.93	0.09	62,62,62,62	0
89	OHX	5	4064	7/7	0.93	0.16	167,167,167,167	0
88	MG	5	3436	1/1	0.93	0.12	19,19,19,19	0
88	MG	5	3777	1/1	0.93	0.08	48,48,48,48	0
89	OHX	5	4076	7/7	0.93	0.14	184,184,184,184	0
88	MG	5	3437	1/1	0.93	0.29	55,55,55,55	0
89	OHX	5	4084	7/7	0.93	0.14	173,173,173,173	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3440	1/1	0.93	0.19	28,28,28,28	0
88	MG	1	3812	1/1	0.93	0.12	43,43,43,43	0
88	MG	5	3785	1/1	0.93	0.06	49,49,49,49	0
89	OHX	5	4095	7/7	0.93	0.14	181,181,181,181	0
88	MG	6	1910	1/1	0.93	0.11	44,44,44,44	0
89	OHX	5	4098	7/7	0.93	0.13	172,172,172,172	0
88	MG	1	3686	1/1	0.93	0.11	37,37,37,37	0
88	MG	1	3823	1/1	0.93	0.16	44,44,44,44	0
88	MG	1	3687	1/1	0.93	0.10	28,28,28,28	0
88	MG	6	1919	1/1	0.93	0.21	21,21,21,21	0
88	MG	1	3826	1/1	0.93	0.21	52,52,52,52	0
88	MG	6	1923	1/1	0.93	0.18	39,39,39,39	0
89	OHX	5	4105	7/7	0.93	0.16	180,180,180,180	0
88	MG	1	3827	1/1	0.93	0.15	49,49,49,49	0
89	OHX	5	4108	7/7	0.93	0.14	167,167,167,167	0
89	OHX	5	4109	7/7	0.93	0.12	184,184,184,184	0
88	MG	5	3807	1/1	0.93	0.17	40,40,40,40	0
88	MG	1	3608	1/1	0.93	0.17	27,27,27,27	0
88	MG	1	3499	1/1	0.93	0.19	18,18,18,18	0
88	MG	2	1952	1/1	0.93	0.22	50,50,50,50	0
89	OHX	5	4120	7/7	0.93	0.15	187,187,187,187	0
88	MG	5	3476	1/1	0.93	0.14	36,36,36,36	0
88	MG	6	1932	1/1	0.93	0.18	29,29,29,29	0
89	OHX	5	4124	7/7	0.93	0.13	193,193,193,193	0
88	MG	2	2181	1/1	0.93	0.08	36,36,36,36	0
89	OHX	5	4126	7/7	0.93	0.13	201,201,201,201	0
88	MG	S4	302	1/1	0.93	0.27	53,53,53,53	0
89	OHX	5	4128	7/7	0.93	0.10	200,200,200,200	0
89	OHX	5	4130	7/7	0.93	0.12	193,193,193,193	0
88	MG	1	3703	1/1	0.93	0.12	12,12,12,12	0
89	OHX	5	4132	7/7	0.93	0.10	196,196,196,196	0
88	MG	1	3846	1/1	0.93	0.21	31,31,31,31	0
88	MG	5	3847	1/1	0.93	0.19	59,59,59,59	0
88	MG	1	3707	1/1	0.93	0.16	35,35,35,35	0
88	MG	5	3493	1/1	0.93	0.08	41,41,41,41	0
88	MG	5	3851	1/1	0.93	0.12	47,47,47,47	0
88	MG	6	1951	1/1	0.93	0.25	36,36,36,36	0
89	OHX	5	4146	7/7	0.93	0.12	225,225,225,225	0
88	MG	1	3517	1/1	0.93	0.25	10,10,10,10	0
89	OHX	1	4207	7/7	0.93	0.11	191,191,191,191	0
88	MG	5	3505	1/1	0.93	0.23	19,19,19,19	0
88	MG	5	3869	1/1	0.93	0.06	28,28,28,28	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3518	1/1	0.93	0.22	24,24,24,24	0
88	MG	5	3507	1/1	0.93	0.21	29,29,29,29	0
88	MG	5	3516	1/1	0.93	0.26	17,17,17,17	0
88	MG	1	3711	1/1	0.93	0.10	47,47,47,47	0
88	MG	6	1964	1/1	0.93	0.15	34,34,34,34	0
88	MG	1	3623	1/1	0.93	0.16	30,30,30,30	0
88	MG	5	3543	1/1	0.93	0.18	14,14,14,14	0
88	MG	6	1968	1/1	0.93	0.15	28,28,28,28	0
88	MG	1	3856	1/1	0.93	0.16	42,42,42,42	0
88	MG	5	3556	1/1	0.93	0.19	10,10,10,10	0
88	MG	5	3893	1/1	0.93	0.10	87,87,87,87	0
89	OHX	1	3976	7/7	0.93	0.12	144,144,144,144	0
89	OHX	1	4008	7/7	0.93	0.14	168,168,168,168	0
89	OHX	1	4015	7/7	0.93	0.12	202,202,202,202	0
89	OHX	1	4023	7/7	0.93	0.16	155,155,155,155	0
88	MG	S6	301	1/1	0.93	0.12	58,58,58,58	0
89	OHX	1	4029	7/7	0.93	0.12	180,180,180,180	0
89	OHX	3	221	7/7	0.93	0.12	180,180,180,180	0
89	OHX	1	4030	7/7	0.93	0.15	164,164,164,164	0
89	OHX	1	4032	7/7	0.93	0.16	163,163,163,163	0
88	MG	1	3715	1/1	0.93	0.07	49,49,49,49	0
88	MG	5	3569	1/1	0.93	0.23	10,10,10,10	0
88	MG	1	3526	1/1	0.93	0.17	12,12,12,12	0
88	MG	2	1940	1/1	0.93	0.16	39,39,39,39	0
88	MG	5	4258	1/1	0.93	0.22	54,54,54,54	0
89	OHX	1	4062	7/7	0.93	0.17	173,173,173,173	0
89	OHX	1	4066	7/7	0.93	0.15	195,195,195,195	0
88	MG	1	3531	1/1	0.93	0.15	11,11,11,11	0
88	MG	5	3582	1/1	0.93	0.21	26,26,26,26	0
88	MG	7	203	1/1	0.93	0.18	48,48,48,48	0
88	MG	7	207	1/1	0.93	0.13	54,54,54,54	0
88	MG	2	1960	1/1	0.93	0.24	54,54,54,54	0
88	MG	1	3635	1/1	0.93	0.17	48,48,48,48	0
89	OHX	1	4083	7/7	0.93	0.13	183,183,183,183	0
88	MG	1	3637	1/1	0.93	0.18	30,30,30,30	0
89	OHX	6	2082	7/7	0.93	0.15	136,136,136,136	0
89	OHX	6	2092	7/7	0.93	0.16	166,166,166,166	0
88	MG	1	3539	1/1	0.93	0.23	20,20,20,20	0
89	OHX	1	4087	7/7	0.93	0.12	188,188,188,188	0
89	OHX	5	4193	7/7	0.93	0.11	227,227,227,227	0
89	OHX	1	4088	7/7	0.93	0.15	187,187,187,187	0
88	MG	1	3542	1/1	0.93	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
88	MG	5	3620	1/1	0.93	0.20	44,44,44,44	0
88	MG	8	204	1/1	0.93	0.23	50,50,50,50	0
88	MG	1	3642	1/1	0.93	0.19	42,42,42,42	0
88	MG	6	1992	1/1	0.93	0.25	57,57,57,57	0
88	MG	1	3742	1/1	0.93	0.20	49,49,49,49	0
88	MG	12	301	1/1	0.93	0.20	30,30,30,30	0
89	OHX	1	4097	7/7	0.93	0.12	227,227,227,227	0
89	OHX	5	4204	7/7	0.93	0.12	185,185,185,185	0
88	MG	13	404	1/1	0.93	0.10	59,59,59,59	0
88	MG	14	402	1/1	0.93	0.10	41,41,41,41	0
89	OHX	6	2137	7/7	0.93	0.11	212,212,212,212	0
89	OHX	1	4104	7/7	0.93	0.16	194,194,194,194	0
88	MG	1	3743	1/1	0.93	0.12	43,43,43,43	0
89	OHX	6	2142	7/7	0.93	0.13	185,185,185,185	0
89	OHX	6	2143	7/7	0.93	0.12	233,233,233,233	0
88	MG	1	3744	1/1	0.93	0.14	45,45,45,45	0
88	MG	5	3635	1/1	0.93	0.07	26,26,26,26	0
88	MG	1	3752	1/1	0.93	0.17	46,46,46,46	0
88	MG	4	207	1/1	0.93	0.20	42,42,42,42	0
89	OHX	1	4112	7/7	0.93	0.11	198,198,198,198	0
88	MG	1	3452	1/1	0.93	0.20	27,27,27,27	0
88	MG	5	3640	1/1	0.93	0.20	35,35,35,35	0
88	MG	m5	304	1/1	0.93	0.07	39,39,39,39	0
88	MG	5	3644	1/1	0.93	0.06	30,30,30,30	0
88	MG	2	1980	1/1	0.93	0.15	24,24,24,24	0
89	OHX	1	4118	7/7	0.93	0.12	179,179,179,179	0
88	MG	1	3404	1/1	0.93	0.17	30,30,30,30	0
88	MG	n6	202	1/1	0.93	0.15	26,26,26,26	0
88	MG	1	3763	1/1	0.93	0.06	29,29,29,29	0
88	MG	L3	403	1/1	0.93	0.09	53,53,53,53	0
88	MG	1	3648	1/1	0.93	0.17	33,33,33,33	0
88	MG	6	2020	1/1	0.93	0.15	46,46,46,46	0
88	MG	5	3659	1/1	0.93	0.19	55,55,55,55	0
88	MG	6	2022	1/1	0.93	0.07	50,50,50,50	0
88	MG	5	3664	1/1	0.93	0.21	42,42,42,42	0
88	MG	2	1920	1/1	0.93	0.07	23,23,23,23	0
88	MG	L7	301	1/1	0.93	0.07	32,32,32,32	0
89	OHX	2	2080	7/7	0.93	0.11	174,174,174,174	0
88	MG	L7	302	1/1	0.93	0.10	49,49,49,49	0
88	MG	6	2029	1/1	0.93	0.17	49,49,49,49	0
88	MG	1	3653	1/1	0.93	0.09	30,30,30,30	0
89	OHX	2	2088	7/7	0.93	0.14	184,184,184,184	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2033	1/1	0.93	0.11	46,46,46,46	0
88	MG	1	3458	1/1	0.93	0.14	3,3,3,3	0
88	MG	2	1916	1/1	0.93	0.20	37,37,37,37	0
89	OHX	2	2101	7/7	0.93	0.11	199,199,199,199	0
89	OHX	2	2102	7/7	0.93	0.13	174,174,174,174	0
88	MG	1	3465	1/1	0.93	0.15	38,38,38,38	0
88	MG	2	1974	1/1	0.93	0.14	55,55,55,55	0
88	MG	1	3661	1/1	0.93	0.11	22,22,22,22	0
89	OHX	2	2106	7/7	0.93	0.13	196,196,196,196	0
88	MG	6	2041	1/1	0.93	0.08	21,21,21,21	0
89	OHX	2	2109	7/7	0.93	0.11	213,213,213,213	0
88	MG	1	3785	1/1	0.93	0.10	43,43,43,43	0
88	MG	1	3566	1/1	0.93	0.20	29,29,29,29	0
88	MG	1	3409	1/1	0.93	0.16	7,7,7,7	0
88	MG	1	3574	1/1	0.93	0.22	20,20,20,20	0
88	MG	s8	302	1/1	0.93	0.14	34,34,34,34	0
88	MG	1	3411	1/1	0.93	0.15	20,20,20,20	0
89	OHX	7	222	7/7	0.93	0.13	170,170,170,170	0
89	OHX	7	223	7/7	0.93	0.13	204,204,204,204	0
88	MG	2	2016	1/1	0.93	0.11	37,37,37,37	0
88	MG	c8	201	1/1	0.93	0.15	41,41,41,41	0
88	MG	5	3719	1/1	0.93	0.09	36,36,36,36	0
89	OHX	8	226	7/7	0.93	0.13	222,222,222,222	0
88	MG	2	1975	1/1	0.93	0.20	66,66,66,66	0
89	OHX	2	2126	7/7	0.93	0.13	205,205,205,205	0
89	OHX	8	229	7/7	0.93	0.11	204,204,204,204	0
88	MG	1	3419	1/1	0.93	0.23	36,36,36,36	0
88	MG	1	3801	1/1	0.93	0.35	29,29,29,29	0
89	OHX	6	2200	7/7	0.93	0.09	237,237,237,237	0
88	MG	5	3730	1/1	0.93	0.06	37,37,37,37	0
88	MG	1	3803	1/1	0.93	0.18	54,54,54,54	0
89	OHX	1	4164	7/7	0.93	0.11	201,201,201,201	0
88	MG	2	2004	1/1	0.93	0.21	59,59,59,59	0
88	MG	1	3426	1/1	0.93	0.09	14,14,14,14	0
89	OHX	c5	201	7/7	0.93	0.09	215,215,215,215	0
88	MG	6	1904	1/1	0.93	0.15	27,27,27,27	0
88	MG	5	3740	1/1	0.93	0.12	24,24,24,24	0
88	MG	6	1906	1/1	0.93	0.21	27,27,27,27	0
88	MG	5	3751	1/1	0.93	0.19	4,4,4,4	0
88	MG	1	3496	1/1	0.93	0.12	33,33,33,33	0
88	MG	1	3497	1/1	0.93	0.17	41,41,41,41	0
88	MG	C8	201	1/1	0.94	0.11	86,86,86,86	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2032	1/1	0.94	0.13	50,50,50,50	0
88	MG	M7	201	1/1	0.94	0.21	15,15,15,15	0
88	MG	1	3537	1/1	0.94	0.16	8,8,8,8	0
88	MG	1	3616	1/1	0.94	0.06	36,36,36,36	0
88	MG	1	3469	1/1	0.94	0.28	33,33,33,33	0
88	MG	5	3663	1/1	0.94	0.13	15,15,15,15	0
88	MG	6	2038	1/1	0.94	0.21	39,39,39,39	0
88	MG	1	3619	1/1	0.94	0.18	40,40,40,40	0
88	MG	5	3667	1/1	0.94	0.20	45,45,45,45	0
88	MG	5	3670	1/1	0.94	0.05	10,10,10,10	0
89	OHX	c1	202	7/7	0.94	0.12	216,216,216,216	0
89	OHX	2	2057	7/7	0.94	0.12	171,171,171,171	0
89	OHX	2	2067	7/7	0.94	0.12	171,171,171,171	0
89	OHX	c8	202	7/7	0.94	0.11	186,186,186,186	0
89	OHX	2	2068	7/7	0.94	0.11	200,200,200,200	0
88	MG	N3	202	1/1	0.94	0.18	55,55,55,55	0
88	MG	2	1984	1/1	0.94	0.09	37,37,37,37	0
89	OHX	5	4008	7/7	0.94	0.17	141,141,141,141	0
88	MG	5	3679	1/1	0.94	0.04	51,51,51,51	0
89	OHX	5	4022	7/7	0.94	0.12	177,177,177,177	0
88	MG	5	3683	1/1	0.94	0.25	42,42,42,42	0
89	OHX	2	2082	7/7	0.94	0.09	195,195,195,195	0
88	MG	1	3477	1/1	0.94	0.19	21,21,21,21	0
89	OHX	1	4149	7/7	0.94	0.19	144,144,144,144	0
89	OHX	2	2085	7/7	0.94	0.11	198,198,198,198	0
89	OHX	5	4055	7/7	0.94	0.18	166,166,166,166	0
89	OHX	5	4062	7/7	0.94	0.14	178,178,178,178	0
88	MG	1	3622	1/1	0.94	0.05	36,36,36,36	0
88	MG	1	3479	1/1	0.94	0.18	24,24,24,24	0
89	OHX	5	4066	7/7	0.94	0.11	181,181,181,181	0
88	MG	1	3706	1/1	0.94	0.32	55,55,55,55	0
89	OHX	5	4073	7/7	0.94	0.17	183,183,183,183	0
89	OHX	5	4074	7/7	0.94	0.13	171,171,171,171	0
88	MG	N8	205	1/1	0.94	0.13	45,45,45,45	0
89	OHX	5	4078	7/7	0.94	0.12	194,194,194,194	0
89	OHX	5	4079	7/7	0.94	0.12	165,165,165,165	0
88	MG	O4	201	1/1	0.94	0.12	42,42,42,42	0
89	OHX	5	4082	7/7	0.94	0.14	159,159,159,159	0
88	MG	5	3691	1/1	0.94	0.16	42,42,42,42	0
89	OHX	5	4085	7/7	0.94	0.13	145,145,145,145	0
89	OHX	5	4086	7/7	0.94	0.12	172,172,172,172	0
89	OHX	5	4087	7/7	0.94	0.10	178,178,178,178	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	4089	7/7	0.94	0.12	175,175,175,175	0
88	MG	1	3546	1/1	0.94	0.23	15,15,15,15	0
88	MG	1	3814	1/1	0.94	0.20	47,47,47,47	0
88	MG	1	3430	1/1	0.94	0.43	39,39,39,39	0
88	MG	d3	201	1/1	0.94	0.12	60,60,60,60	0
88	MG	1	3435	1/1	0.94	0.05	23,23,23,23	0
88	MG	1	3440	1/1	0.94	0.26	27,27,27,27	0
88	MG	5	3704	1/1	0.94	0.05	50,50,50,50	0
89	OHX	2	2110	7/7	0.94	0.10	203,203,203,203	0
88	MG	1	3551	1/1	0.94	0.18	34,34,34,34	0
88	MG	1	3555	1/1	0.94	0.21	11,11,11,11	0
88	MG	1	3402	1/1	0.94	0.15	23,23,23,23	0
88	MG	5	3712	1/1	0.94	0.43	62,62,62,62	0
88	MG	5	3416	1/1	0.94	0.14	31,31,31,31	0
88	MG	5	3417	1/1	0.94	0.11	5,5,5,5	0
89	OHX	5	4107	7/7	0.94	0.15	182,182,182,182	0
88	MG	5	3717	1/1	0.94	0.33	73,73,73,73	0
88	MG	5	3718	1/1	0.94	0.24	50,50,50,50	0
89	OHX	5	4110	7/7	0.94	0.12	168,168,168,168	0
88	MG	5	3418	1/1	0.94	0.23	12,12,12,12	0
89	OHX	2	2124	7/7	0.94	0.14	213,213,213,213	0
88	MG	1	3557	1/1	0.94	0.16	13,13,13,13	0
89	OHX	5	4115	7/7	0.94	0.16	164,164,164,164	0
89	OHX	5	4117	7/7	0.94	0.15	193,193,193,193	0
89	OHX	5	4118	7/7	0.94	0.15	167,167,167,167	0
88	MG	5	3424	1/1	0.94	0.23	42,42,42,42	0
88	MG	5	3723	1/1	0.94	0.14	47,47,47,47	0
88	MG	5	3427	1/1	0.94	0.23	30,30,30,30	0
88	MG	6	1912	1/1	0.94	0.17	44,44,44,44	0
88	MG	5	3731	1/1	0.94	0.23	15,15,15,15	0
88	MG	1	3831	1/1	0.94	0.24	54,54,54,54	0
88	MG	6	1916	1/1	0.94	0.21	38,38,38,38	0
88	MG	2	1939	1/1	0.94	0.15	29,29,29,29	0
88	MG	5	3737	1/1	0.94	0.23	47,47,47,47	0
89	OHX	5	4129	7/7	0.94	0.09	209,209,209,209	0
88	MG	2	2015	1/1	0.94	0.35	57,57,57,57	0
88	MG	2	1965	1/1	0.94	0.08	42,42,42,42	0
88	MG	2	1950	1/1	0.94	0.07	29,29,29,29	0
89	OHX	5	4133	7/7	0.94	0.11	185,185,185,185	0
89	OHX	5	4134	7/7	0.94	0.13	167,167,167,167	0
88	MG	5	3742	1/1	0.94	0.23	31,31,31,31	0
89	OHX	5	4138	7/7	0.94	0.13	198,198,198,198	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	1922	1/1	0.94	0.21	28,28,28,28	0
89	OHX	2	2141	7/7	0.94	0.10	222,222,222,222	0
88	MG	5	3753	1/1	0.94	0.14	54,54,54,54	0
89	OHX	5	4143	7/7	0.94	0.09	222,222,222,222	0
88	MG	5	3754	1/1	0.94	0.19	45,45,45,45	0
88	MG	5	3755	1/1	0.94	0.16	38,38,38,38	0
88	MG	5	3758	1/1	0.94	0.10	41,41,41,41	0
88	MG	5	3446	1/1	0.94	0.19	44,44,44,44	0
88	MG	5	3762	1/1	0.94	0.05	31,31,31,31	0
88	MG	1	3567	1/1	0.94	0.10	21,21,21,21	0
88	MG	5	3767	1/1	0.94	0.13	49,49,49,49	0
88	MG	1	3735	1/1	0.94	0.17	92,92,92,92	0
88	MG	2	1957	1/1	0.94	0.20	35,35,35,35	0
89	OHX	2	2152	7/7	0.94	0.10	239,239,239,239	0
88	MG	6	1926	1/1	0.94	0.26	40,40,40,40	0
88	MG	5	3455	1/1	0.94	0.06	21,21,21,21	0
88	MG	1	3852	1/1	0.94	0.15	20,20,20,20	0
88	MG	2	1935	1/1	0.94	0.17	27,27,27,27	0
88	MG	1	3503	1/1	0.94	0.24	11,11,11,11	0
88	MG	1	3741	1/1	0.94	0.20	53,53,53,53	0
88	MG	5	3787	1/1	0.94	0.13	50,50,50,50	0
88	MG	5	3792	1/1	0.94	0.10	17,17,17,17	0
88	MG	1	3580	1/1	0.94	0.06	10,10,10,10	0
88	MG	1	3581	1/1	0.94	0.20	13,13,13,13	0
88	MG	6	1938	1/1	0.94	0.23	33,33,33,33	0
88	MG	5	3796	1/1	0.94	0.10	41,41,41,41	0
88	MG	5	3475	1/1	0.94	0.15	26,26,26,26	0
88	MG	1	3860	1/1	0.94	0.23	101,101,101,101	0
88	MG	2	2022	1/1	0.94	0.10	69,69,69,69	0
88	MG	6	1949	1/1	0.94	0.29	35,35,35,35	0
88	MG	5	3803	1/1	0.94	0.15	64,64,64,64	0
88	MG	6	1950	1/1	0.94	0.17	14,14,14,14	0
88	MG	5	3806	1/1	0.94	0.06	35,35,35,35	0
88	MG	1	3863	1/1	0.94	0.12	73,73,73,73	0
88	MG	5	3808	1/1	0.94	0.07	70,70,70,70	0
88	MG	1	3748	1/1	0.94	0.14	40,40,40,40	0
89	OHX	5	4177	7/7	0.94	0.15	194,194,194,194	0
88	MG	6	1955	1/1	0.94	0.20	8,8,8,8	0
89	OHX	3	220	7/7	0.94	0.12	196,196,196,196	0
88	MG	1	3866	1/1	0.94	0.26	34,34,34,34	0
88	MG	5	3494	1/1	0.94	0.15	29,29,29,29	0
88	MG	5	3815	1/1	0.94	0.12	51,51,51,51	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3496	1/1	0.94	0.09	32,32,32,32	0
89	OHX	5	4184	7/7	0.94	0.09	207,207,207,207	0
88	MG	5	3817	1/1	0.94	0.06	42,42,42,42	0
88	MG	6	1960	1/1	0.94	0.21	11,11,11,11	0
88	MG	1	3751	1/1	0.94	0.07	33,33,33,33	0
88	MG	5	3831	1/1	0.94	0.12	35,35,35,35	0
88	MG	5	3834	1/1	0.94	0.06	60,60,60,60	0
88	MG	5	3502	1/1	0.94	0.18	15,15,15,15	0
88	MG	5	3844	1/1	0.94	0.23	53,53,53,53	0
88	MG	5	3504	1/1	0.94	0.20	45,45,45,45	0
88	MG	1	3585	1/1	0.94	0.15	7,7,7,7	0
89	OHX	1	4012	7/7	0.94	0.12	172,172,172,172	0
89	OHX	1	4014	7/7	0.94	0.13	166,166,166,166	0
88	MG	6	1965	1/1	0.94	0.10	26,26,26,26	0
89	OHX	M8	201	7/7	0.94	0.14	164,164,164,164	0
89	OHX	1	4016	7/7	0.94	0.13	175,175,175,175	0
88	MG	1	3508	1/1	0.94	0.25	24,24,24,24	0
89	OHX	1	4027	7/7	0.94	0.13	159,159,159,159	0
88	MG	5	3512	1/1	0.94	0.21	10,10,10,10	0
89	OHX	6	2095	7/7	0.94	0.14	146,146,146,146	0
89	OHX	6	2096	7/7	0.94	0.12	164,164,164,164	0
89	OHX	6	2097	7/7	0.94	0.14	153,153,153,153	0
88	MG	1	3754	1/1	0.94	0.21	46,46,46,46	0
88	MG	5	3856	1/1	0.94	0.11	80,80,80,80	0
89	OHX	6	2105	7/7	0.94	0.14	196,196,196,196	0
88	MG	5	3520	1/1	0.94	0.24	7,7,7,7	0
89	OHX	6	2117	7/7	0.94	0.14	186,186,186,186	0
89	OHX	6	2118	7/7	0.94	0.11	181,181,181,181	0
89	OHX	6	2119	7/7	0.94	0.13	187,187,187,187	0
89	OHX	1	4034	7/7	0.94	0.10	184,184,184,184	0
89	OHX	1	4038	7/7	0.94	0.12	165,165,165,165	0
88	MG	5	3861	1/1	0.94	0.15	33,33,33,33	0
89	OHX	6	2126	7/7	0.94	0.15	177,177,177,177	0
89	OHX	1	4041	7/7	0.94	0.12	169,169,169,169	0
88	MG	5	3526	1/1	0.94	0.13	5,5,5,5	0
88	MG	1	3755	1/1	0.94	0.15	40,40,40,40	0
89	OHX	6	2130	7/7	0.94	0.11	179,179,179,179	0
89	OHX	1	4054	7/7	0.94	0.12	168,168,168,168	0
88	MG	3	201	1/1	0.94	0.14	30,30,30,30	0
88	MG	5	3876	1/1	0.94	0.24	35,35,35,35	0
88	MG	3	202	1/1	0.94	0.29	58,58,58,58	0
88	MG	3	207	1/1	0.94	0.15	33,33,33,33	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
89	OHX	1	4069	7/7	0.94	0.14	169,169,169,169	0
89	OHX	1	4070	7/7	0.94	0.10	216,216,216,216	0
89	OHX	6	2141	7/7	0.94	0.14	181,181,181,181	0
89	OHX	1	4072	7/7	0.94	0.12	169,169,169,169	0
89	OHX	1	4073	7/7	0.94	0.11	181,181,181,181	0
88	MG	5	3882	1/1	0.94	0.10	21,21,21,21	0
88	MG	6	1976	1/1	0.94	0.13	28,28,28,28	0
89	OHX	6	2147	7/7	0.94	0.14	184,184,184,184	0
88	MG	1	3662	1/1	0.94	0.13	24,24,24,24	0
88	MG	5	3555	1/1	0.94	0.24	27,27,27,27	0
88	MG	1	3663	1/1	0.94	0.11	39,39,39,39	0
89	OHX	6	2151	7/7	0.94	0.14	181,181,181,181	0
88	MG	1	3762	1/1	0.94	0.13	28,28,28,28	0
88	MG	5	3558	1/1	0.94	0.26	39,39,39,39	0
88	MG	1	3588	1/1	0.94	0.22	26,26,26,26	0
88	MG	1	3764	1/1	0.94	0.29	56,56,56,56	0
88	MG	5	3572	1/1	0.94	0.19	6,6,6,6	0
88	MG	1	3509	1/1	0.94	0.20	6,6,6,6	0
88	MG	4	201	1/1	0.94	0.33	48,48,48,48	0
89	OHX	5	4246	7/7	0.94	0.14	172,172,172,172	0
88	MG	5	3579	1/1	0.94	0.17	20,20,20,20	0
88	MG	6	1990	1/1	0.94	0.12	35,35,35,35	0
88	MG	4	203	1/1	0.94	0.17	33,33,33,33	0
88	MG	5	3584	1/1	0.94	0.18	17,17,17,17	0
88	MG	1	3413	1/1	0.94	0.16	24,24,24,24	0
89	OHX	6	2164	7/7	0.94	0.11	211,211,211,211	0
89	OHX	6	2165	7/7	0.94	0.14	226,226,226,226	0
88	MG	1	3770	1/1	0.94	0.09	41,41,41,41	0
88	MG	5	3592	1/1	0.94	0.16	11,11,11,11	0
89	OHX	1	4098	7/7	0.94	0.09	210,210,210,210	0
88	MG	2	1970	1/1	0.94	0.10	65,65,65,65	0
89	OHX	1	4100	7/7	0.94	0.13	204,204,204,204	0
88	MG	5	3601	1/1	0.94	0.06	24,24,24,24	0
89	OHX	1	4103	7/7	0.94	0.09	204,204,204,204	0
88	MG	2	2009	1/1	0.94	0.24	35,35,35,35	0
88	MG	1	3525	1/1	0.94	0.09	42,42,42,42	0
89	OHX	8	222	7/7	0.94	0.12	157,157,157,157	0
88	MG	5	3616	1/1	0.94	0.07	25,25,25,25	0
88	MG	4	214	1/1	0.94	0.08	46,46,46,46	0
88	MG	8	203	1/1	0.94	0.26	40,40,40,40	0
88	MG	5	3622	1/1	0.94	0.04	20,20,20,20	0
88	MG	1	3775	1/1	0.94	0.10	34,34,34,34	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	2009	1/1	0.94	0.17	33,33,33,33	0
89	OHX	l3	407	7/7	0.94	0.10	200,200,200,200	0
88	MG	5	3629	1/1	0.94	0.09	37,37,37,37	0
88	MG	4	218	1/1	0.94	0.18	36,36,36,36	0
88	MG	1	3675	1/1	0.94	0.19	48,48,48,48	0
88	MG	1	3605	1/1	0.94	0.18	21,21,21,21	0
88	MG	1	3779	1/1	0.94	0.10	40,40,40,40	0
88	MG	2	1937	1/1	0.94	0.23	23,23,23,23	0
88	MG	1	3784	1/1	0.94	0.18	42,42,42,42	0
88	MG	1	3678	1/1	0.94	0.10	5,5,5,5	0
88	MG	1	3609	1/1	0.94	0.16	30,30,30,30	0
88	MG	1	3683	1/1	0.94	0.06	21,21,21,21	0
88	MG	1	3792	1/1	0.94	0.27	53,53,53,53	0
88	MG	2	1917	1/1	0.94	0.21	25,25,25,25	0
88	MG	m7	201	1/1	0.94	0.19	9,9,9,9	0
90	ZN	q2	501	1/1	0.94	0.11	200,200,200,200	0
89	OHX	2	2098	7/7	0.95	0.11	186,186,186,186	0
89	OHX	2	2099	7/7	0.95	0.11	208,208,208,208	0
88	MG	5	3546	1/1	0.95	0.22	36,36,36,36	0
88	MG	5	3757	1/1	0.95	0.07	55,55,55,55	0
88	MG	5	3549	1/1	0.95	0.27	39,39,39,39	0
88	MG	5	3552	1/1	0.95	0.21	25,25,25,25	0
89	OHX	5	3997	7/7	0.95	0.16	130,130,130,130	0
89	OHX	5	4001	7/7	0.95	0.14	123,123,123,123	0
89	OHX	5	4005	7/7	0.95	0.14	145,145,145,145	0
88	MG	3	204	1/1	0.95	0.18	18,18,18,18	0
89	OHX	5	4015	7/7	0.95	0.11	153,153,153,153	0
88	MG	3	205	1/1	0.95	0.18	23,23,23,23	0
88	MG	5	3766	1/1	0.95	0.05	15,15,15,15	0
89	OHX	5	4025	7/7	0.95	0.10	157,157,157,157	0
89	OHX	2	2107	7/7	0.95	0.14	174,174,174,174	0
88	MG	3	206	1/1	0.95	0.19	11,11,11,11	0
89	OHX	5	4031	7/7	0.95	0.14	140,140,140,140	0
89	OHX	5	4032	7/7	0.95	0.17	162,162,162,162	0
89	OHX	5	4034	7/7	0.95	0.14	139,139,139,139	0
88	MG	5	3770	1/1	0.95	0.07	24,24,24,24	0
88	MG	5	3771	1/1	0.95	0.06	18,18,18,18	0
89	OHX	5	4042	7/7	0.95	0.13	163,163,163,163	0
89	OHX	2	2111	7/7	0.95	0.11	197,197,197,197	0
89	OHX	5	4045	7/7	0.95	0.17	160,160,160,160	0
89	OHX	5	4051	7/7	0.95	0.12	155,155,155,155	0
89	OHX	5	4053	7/7	0.95	0.12	156,156,156,156	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3498	1/1	0.95	0.13	20,20,20,20	0
89	OHX	5	4058	7/7	0.95	0.14	158,158,158,158	0
89	OHX	5	4059	7/7	0.95	0.11	181,181,181,181	0
88	MG	1	3636	1/1	0.95	0.19	49,49,49,49	0
89	OHX	5	4063	7/7	0.95	0.15	157,157,157,157	0
88	MG	2	2021	1/1	0.95	0.15	127,127,127,127	0
88	MG	5	3775	1/1	0.95	0.08	50,50,50,50	0
89	OHX	2	2117	7/7	0.95	0.12	205,205,205,205	0
88	MG	s4	301	1/1	0.95	0.20	46,46,46,46	0
88	MG	1	3638	1/1	0.95	0.09	40,40,40,40	0
88	MG	5	3781	1/1	0.95	0.10	45,45,45,45	0
88	MG	5	3571	1/1	0.95	0.22	19,19,19,19	0
88	MG	1	3793	1/1	0.95	0.06	44,44,44,44	0
89	OHX	2	2123	7/7	0.95	0.10	212,212,212,212	0
88	MG	5	3573	1/1	0.95	0.24	8,8,8,8	0
88	MG	2	1912	1/1	0.95	0.10	24,24,24,24	0
88	MG	5	3789	1/1	0.95	0.05	26,26,26,26	0
88	MG	5	3575	1/1	0.95	0.19	12,12,12,12	0
88	MG	6	1936	1/1	0.95	0.16	35,35,35,35	0
88	MG	c7	202	1/1	0.95	0.12	35,35,35,35	0
88	MG	1	3640	1/1	0.95	0.23	49,49,49,49	0
88	MG	1	3501	1/1	0.95	0.21	54,54,54,54	0
89	OHX	5	4091	7/7	0.95	0.15	211,211,211,211	0
88	MG	1	3569	1/1	0.95	0.20	8,8,8,8	0
88	MG	d6	102	1/1	0.95	0.17	33,33,33,33	0
88	MG	5	3589	1/1	0.95	0.20	16,16,16,16	0
88	MG	5	3801	1/1	0.95	0.13	56,56,56,56	0
89	OHX	5	4097	7/7	0.95	0.11	178,178,178,178	0
88	MG	6	1946	1/1	0.95	0.32	44,44,44,44	0
88	MG	1	3453	1/1	0.95	0.13	22,22,22,22	0
88	MG	1	3719	1/1	0.95	0.23	66,66,66,66	0
88	MG	5	3409	1/1	0.95	0.22	28,28,28,28	0
88	MG	2	1909	1/1	0.95	0.20	43,43,43,43	0
88	MG	1	3579	1/1	0.95	0.20	16,16,16,16	0
88	MG	5	3613	1/1	0.95	0.14	21,21,21,21	0
88	MG	S4	301	1/1	0.95	0.10	41,41,41,41	0
88	MG	5	3618	1/1	0.95	0.17	39,39,39,39	0
88	MG	1	3507	1/1	0.95	0.15	26,26,26,26	0
88	MG	5	3621	1/1	0.95	0.22	45,45,45,45	0
88	MG	1	3415	1/1	0.95	0.14	11,11,11,11	0
89	OHX	1	4186	7/7	0.95	0.11	171,171,171,171	0
88	MG	5	3624	1/1	0.95	0.18	24,24,24,24	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3421	1/1	0.95	0.18	10,10,10,10	0
88	MG	5	3824	1/1	0.95	0.08	32,32,32,32	0
88	MG	2	1925	1/1	0.95	0.23	41,41,41,41	0
89	OHX	5	4116	7/7	0.95	0.14	172,172,172,172	0
88	MG	5	3830	1/1	0.95	0.16	10,10,10,10	0
88	MG	1	3813	1/1	0.95	0.09	23,23,23,23	0
88	MG	5	3426	1/1	0.95	0.14	16,16,16,16	0
88	MG	5	3632	1/1	0.95	0.14	20,20,20,20	0
89	OHX	5	4121	7/7	0.95	0.14	150,150,150,150	0
88	MG	5	3837	1/1	0.95	0.14	33,33,33,33	0
88	MG	2	1983	1/1	0.95	0.22	58,58,58,58	0
88	MG	1	3461	1/1	0.95	0.17	6,6,6,6	0
88	MG	2	1946	1/1	0.95	0.13	31,31,31,31	0
88	MG	2	1998	1/1	0.95	0.07	40,40,40,40	0
88	MG	5	3432	1/1	0.95	0.14	27,27,27,27	0
88	MG	2	1908	1/1	0.95	0.12	40,40,40,40	0
88	MG	1	3429	1/1	0.95	0.10	41,41,41,41	0
88	MG	5	3643	1/1	0.95	0.20	51,51,51,51	0
88	MG	6	1974	1/1	0.95	0.20	54,54,54,54	0
88	MG	1	3597	1/1	0.95	0.15	1,1,1,1	0
88	MG	5	3863	1/1	0.95	0.06	37,37,37,37	0
88	MG	5	3867	1/1	0.95	0.17	42,42,42,42	0
88	MG	5	3646	1/1	0.95	0.15	43,43,43,43	0
89	OHX	5	4136	7/7	0.95	0.12	171,171,171,171	0
89	OHX	5	4137	7/7	0.95	0.12	180,180,180,180	0
88	MG	1	3829	1/1	0.95	0.06	37,37,37,37	0
89	OHX	5	4139	7/7	0.95	0.11	179,179,179,179	0
88	MG	5	3649	1/1	0.95	0.20	32,32,32,32	0
88	MG	5	3653	1/1	0.95	0.21	47,47,47,47	0
88	MG	M3	201	1/1	0.95	0.05	36,36,36,36	0
88	MG	5	3880	1/1	0.95	0.14	7,7,7,7	0
88	MG	1	3470	1/1	0.95	0.13	36,36,36,36	0
88	MG	6	1983	1/1	0.95	0.09	42,42,42,42	0
88	MG	1	3533	1/1	0.95	0.15	28,28,28,28	0
88	MG	1	3669	1/1	0.95	0.21	37,37,37,37	0
88	MG	1	3471	1/1	0.95	0.19	33,33,33,33	0
88	MG	1	3836	1/1	0.95	0.26	46,46,46,46	0
88	MG	1	3840	1/1	0.95	0.16	1,1,1,1	0
88	MG	5	3460	1/1	0.95	0.14	15,15,15,15	0
88	MG	5	3461	1/1	0.95	0.11	18,18,18,18	0
88	MG	M9	202	1/1	0.95	0.05	58,58,58,58	0
89	OHX	SR	401	7/7	0.95	0.09	200,200,200,200	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	3937	7/7	0.95	0.14	107,107,107,107	0
89	OHX	1	3962	7/7	0.95	0.17	130,130,130,130	0
88	MG	2	2000	1/1	0.95	0.13	31,31,31,31	0
89	OHX	1	3973	7/7	0.95	0.14	129,129,129,129	0
88	MG	5	3675	1/1	0.95	0.05	38,38,38,38	0
89	OHX	1	3978	7/7	0.95	0.11	139,139,139,139	0
89	OHX	1	3991	7/7	0.95	0.15	162,162,162,162	0
89	OHX	1	3996	7/7	0.95	0.14	143,143,143,143	0
89	OHX	1	3997	7/7	0.95	0.14	146,146,146,146	0
89	OHX	1	4000	7/7	0.95	0.12	143,143,143,143	0
89	OHX	1	4004	7/7	0.95	0.13	160,160,160,160	0
88	MG	1	3842	1/1	0.95	0.20	20,20,20,20	0
89	OHX	1	4009	7/7	0.95	0.10	178,178,178,178	0
88	MG	5	3470	1/1	0.95	0.09	57,57,57,57	0
89	OHX	L3	405	7/7	0.95	0.11	157,157,157,157	0
88	MG	1	3476	1/1	0.95	0.18	43,43,43,43	0
88	MG	6	1995	1/1	0.95	0.14	47,47,47,47	0
88	MG	1	3612	1/1	0.95	0.17	46,46,46,46	0
89	OHX	M5	305	7/7	0.95	0.13	146,146,146,146	0
89	OHX	1	4017	7/7	0.95	0.12	152,152,152,152	0
89	OHX	1	4018	7/7	0.95	0.15	162,162,162,162	0
89	OHX	1	4020	7/7	0.95	0.15	173,173,173,173	0
89	OHX	1	4021	7/7	0.95	0.12	178,178,178,178	0
89	OHX	1	4022	7/7	0.95	0.13	180,180,180,180	0
89	OHX	O7	103	7/7	0.95	0.13	125,125,125,125	0
89	OHX	6	2074	7/7	0.95	0.18	123,123,123,123	0
88	MG	5	4260	1/1	0.95	0.12	24,24,24,24	0
89	OHX	6	2083	7/7	0.95	0.14	118,118,118,118	0
89	OHX	6	2088	7/7	0.95	0.13	176,176,176,176	0
89	OHX	1	4024	7/7	0.95	0.11	166,166,166,166	0
88	MG	1	3433	1/1	0.95	0.12	17,17,17,17	0
88	MG	7	202	1/1	0.95	0.15	9,9,9,9	0
88	MG	5	3478	1/1	0.95	0.16	9,9,9,9	0
88	MG	7	204	1/1	0.95	0.05	46,46,46,46	0
88	MG	5	3479	1/1	0.95	0.16	19,19,19,19	0
88	MG	1	3758	1/1	0.95	0.07	36,36,36,36	0
89	OHX	6	2108	7/7	0.95	0.15	158,158,158,158	0
89	OHX	6	2109	7/7	0.95	0.11	166,166,166,166	0
89	OHX	1	4035	7/7	0.95	0.10	189,189,189,189	0
89	OHX	1	4037	7/7	0.95	0.11	161,161,161,161	0
88	MG	5	3481	1/1	0.95	0.18	23,23,23,23	0
88	MG	5	3692	1/1	0.95	0.30	35,35,35,35	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2120	7/7	0.95	0.14	148,148,148,148	0
89	OHX	1	4040	7/7	0.95	0.11	186,186,186,186	0
89	OHX	6	2122	7/7	0.95	0.15	209,209,209,209	0
88	MG	5	3693	1/1	0.95	0.13	34,34,34,34	0
89	OHX	1	4046	7/7	0.95	0.10	172,172,172,172	0
89	OHX	6	2125	7/7	0.95	0.14	177,177,177,177	0
88	MG	5	3482	1/1	0.95	0.19	37,37,37,37	0
88	MG	8	201	1/1	0.95	0.03	20,20,20,20	0
89	OHX	1	4051	7/7	0.95	0.11	184,184,184,184	0
88	MG	1	3760	1/1	0.95	0.11	54,54,54,54	0
89	OHX	1	4055	7/7	0.95	0.11	157,157,157,157	0
88	MG	6	2007	1/1	0.95	0.07	32,32,32,32	0
88	MG	5	3486	1/1	0.95	0.10	28,28,28,28	0
89	OHX	6	2133	7/7	0.95	0.13	194,194,194,194	0
88	MG	2	1921	1/1	0.95	0.17	26,26,26,26	0
89	OHX	6	2135	7/7	0.95	0.12	183,183,183,183	0
89	OHX	1	4065	7/7	0.95	0.11	180,180,180,180	0
88	MG	8	210	1/1	0.95	0.18	63,63,63,63	0
89	OHX	6	2138	7/7	0.95	0.11	187,187,187,187	0
89	OHX	1	4067	7/7	0.95	0.14	172,172,172,172	0
88	MG	5	3700	1/1	0.95	0.24	59,59,59,59	0
88	MG	5	3488	1/1	0.95	0.29	49,49,49,49	0
89	OHX	5	4221	7/7	0.95	0.10	181,181,181,181	0
89	OHX	1	4071	7/7	0.95	0.09	203,203,203,203	0
88	MG	8	217	1/1	0.95	0.15	14,14,14,14	0
88	MG	5	3702	1/1	0.95	0.07	46,46,46,46	0
88	MG	l3	402	1/1	0.95	0.22	4,4,4,4	0
88	MG	l3	403	1/1	0.95	0.27	69,69,69,69	0
88	MG	1	3436	1/1	0.95	0.10	33,33,33,33	0
89	OHX	1	4078	7/7	0.95	0.10	176,176,176,176	0
88	MG	2	1989	1/1	0.95	0.06	30,30,30,30	0
88	MG	5	3492	1/1	0.95	0.15	34,34,34,34	0
89	OHX	1	4081	7/7	0.95	0.16	187,187,187,187	0
88	MG	5	3707	1/1	0.95	0.07	44,44,44,44	0
88	MG	1	3486	1/1	0.95	0.09	37,37,37,37	0
88	MG	5	3709	1/1	0.95	0.13	27,27,27,27	0
88	MG	5	3710	1/1	0.95	0.17	29,29,29,29	0
89	OHX	1	4086	7/7	0.95	0.09	168,168,168,168	0
88	MG	5	3711	1/1	0.95	0.11	43,43,43,43	0
88	MG	2	1990	1/1	0.95	0.15	49,49,49,49	0
88	MG	5	3495	1/1	0.95	0.10	26,26,26,26	0
88	MG	m6	201	1/1	0.95	0.15	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
89	OHX	1	4091	7/7	0.95	0.12	167,167,167,167	0
88	MG	5	3715	1/1	0.95	0.05	67,67,67,67	0
88	MG	1	3488	1/1	0.95	0.26	32,32,32,32	0
88	MG	1	3554	1/1	0.95	0.19	13,13,13,13	0
88	MG	1	3862	1/1	0.95	0.07	20,20,20,20	0
88	MG	1	3444	1/1	0.95	0.06	42,42,42,42	0
88	MG	5	3720	1/1	0.95	0.07	37,37,37,37	0
88	MG	5	3503	1/1	0.95	0.14	10,10,10,10	0
88	MG	1	3494	1/1	0.95	0.08	44,44,44,44	0
88	MG	1	3865	1/1	0.95	0.25	101,101,101,101	0
88	MG	2	1978	1/1	0.95	0.16	44,44,44,44	0
88	MG	5	3726	1/1	0.95	0.06	18,18,18,18	0
88	MG	1	3696	1/1	0.95	0.23	26,26,26,26	0
89	OHX	2	2040	7/7	0.95	0.15	108,108,108,108	0
89	OHX	1	4106	7/7	0.95	0.09	179,179,179,179	0
89	OHX	2	2053	7/7	0.95	0.12	147,147,147,147	0
89	OHX	2	2056	7/7	0.95	0.12	149,149,149,149	0
88	MG	1	3558	1/1	0.95	0.24	14,14,14,14	0
89	OHX	2	2062	7/7	0.95	0.13	169,169,169,169	0
89	OHX	1	4111	7/7	0.95	0.13	189,189,189,189	0
89	OHX	2	2063	7/7	0.95	0.10	165,165,165,165	0
89	OHX	2	2066	7/7	0.95	0.14	157,157,157,157	0
88	MG	1	3698	1/1	0.95	0.12	29,29,29,29	0
89	OHX	8	225	7/7	0.95	0.09	178,178,178,178	0
88	MG	2	2020	1/1	0.95	0.28	53,53,53,53	0
89	OHX	2	2073	7/7	0.95	0.10	169,169,169,169	0
88	MG	5	3523	1/1	0.95	0.23	30,30,30,30	0
89	OHX	2	2077	7/7	0.95	0.13	148,148,148,148	0
89	OHX	1	4119	7/7	0.95	0.10	190,190,190,190	0
88	MG	6	2034	1/1	0.95	0.20	47,47,47,47	0
89	OHX	1	4121	7/7	0.95	0.08	190,190,190,190	0
89	OHX	2	2079	7/7	0.95	0.14	194,194,194,194	0
88	MG	5	3527	1/1	0.95	0.20	8,8,8,8	0
88	MG	1	3780	1/1	0.95	0.23	74,74,74,74	0
88	MG	1	3872	1/1	0.95	0.10	28,28,28,28	0
89	OHX	2	2083	7/7	0.95	0.11	188,188,188,188	0
88	MG	5	3536	1/1	0.95	0.13	40,40,40,40	0
88	MG	5	3748	1/1	0.95	0.21	47,47,47,47	0
89	OHX	m0	301	7/7	0.95	0.12	148,148,148,148	0
88	MG	5	3750	1/1	0.95	0.05	25,25,25,25	0
88	MG	1	3408	1/1	0.95	0.09	17,17,17,17	0
88	MG	5	3541	1/1	0.95	0.29	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
89	OHX	n3	204	7/7	0.95	0.11	168,168,168,168	0
89	OHX	2	2092	7/7	0.95	0.13	206,206,206,206	0
88	MG	1	3702	1/1	0.95	0.14	32,32,32,32	0
89	OHX	2	2095	7/7	0.95	0.10	183,183,183,183	0
90	ZN	e1	501	1/1	0.95	0.06	160,160,160,160	0
89	OHX	2	2097	7/7	0.95	0.11	193,193,193,193	0
88	MG	5	3648	1/1	0.96	0.14	10,10,10,10	0
89	OHX	5	4021	7/7	0.96	0.12	152,152,152,152	0
88	MG	6	1985	1/1	0.96	0.13	47,47,47,47	0
89	OHX	5	4023	7/7	0.96	0.11	134,134,134,134	0
89	OHX	5	4024	7/7	0.96	0.11	139,139,139,139	0
88	MG	5	3652	1/1	0.96	0.05	52,52,52,52	0
89	OHX	5	4027	7/7	0.96	0.12	143,143,143,143	0
88	MG	5	3850	1/1	0.96	0.19	36,36,36,36	0
88	MG	1	3543	1/1	0.96	0.28	45,45,45,45	0
88	MG	M0	302	1/1	0.96	0.04	24,24,24,24	0
88	MG	5	3855	1/1	0.96	0.15	30,30,30,30	0
89	OHX	5	4033	7/7	0.96	0.12	140,140,140,140	0
88	MG	5	3468	1/1	0.96	0.06	12,12,12,12	0
89	OHX	5	4037	7/7	0.96	0.12	153,153,153,153	0
88	MG	5	3469	1/1	0.96	0.12	28,28,28,28	0
88	MG	1	3467	1/1	0.96	0.13	34,34,34,34	0
89	OHX	5	4040	7/7	0.96	0.09	154,154,154,154	0
88	MG	1	3604	1/1	0.96	0.12	14,14,14,14	0
89	OHX	5	4043	7/7	0.96	0.10	143,143,143,143	0
88	MG	5	3866	1/1	0.96	0.19	29,29,29,29	0
88	MG	5	3661	1/1	0.96	0.11	10,10,10,10	0
89	OHX	5	4046	7/7	0.96	0.13	163,163,163,163	0
89	OHX	5	4048	7/7	0.96	0.14	156,156,156,156	0
89	OHX	5	4049	7/7	0.96	0.12	151,151,151,151	0
89	OHX	5	4050	7/7	0.96	0.12	150,150,150,150	0
88	MG	1	3442	1/1	0.96	0.19	33,33,33,33	0
89	OHX	5	4052	7/7	0.96	0.11	159,159,159,159	0
88	MG	1	3740	1/1	0.96	0.04	15,15,15,15	0
89	OHX	5	4054	7/7	0.96	0.12	151,151,151,151	0
88	MG	5	3872	1/1	0.96	0.23	15,15,15,15	0
88	MG	1	3606	1/1	0.96	0.17	16,16,16,16	0
88	MG	1	3547	1/1	0.96	0.04	8,8,8,8	0
89	OHX	5	4060	7/7	0.96	0.13	169,169,169,169	0
89	OHX	5	4061	7/7	0.96	0.10	151,151,151,151	0
88	MG	6	1994	1/1	0.96	0.07	50,50,50,50	0
88	MG	5	3669	1/1	0.96	0.06	12,12,12,12	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	1918	1/1	0.96	0.23	26,26,26,26	0
88	MG	6	1998	1/1	0.96	0.07	57,57,57,57	0
88	MG	5	3673	1/1	0.96	0.16	29,29,29,29	0
89	OHX	5	4067	7/7	0.96	0.10	160,160,160,160	0
89	OHX	5	4068	7/7	0.96	0.10	163,163,163,163	0
89	OHX	5	4069	7/7	0.96	0.11	166,166,166,166	0
89	OHX	5	4070	7/7	0.96	0.14	151,151,151,151	0
89	OHX	5	4071	7/7	0.96	0.09	182,182,182,182	0
88	MG	5	3674	1/1	0.96	0.09	15,15,15,15	0
88	MG	2	1936	1/1	0.96	0.20	21,21,21,21	0
88	MG	5	3888	1/1	0.96	0.14	37,37,37,37	0
89	OHX	5	4075	7/7	0.96	0.09	167,167,167,167	0
88	MG	1	3837	1/1	0.96	0.05	21,21,21,21	0
89	OHX	5	4077	7/7	0.96	0.15	167,167,167,167	0
88	MG	1	3838	1/1	0.96	0.18	28,28,28,28	0
88	MG	5	3485	1/1	0.96	0.19	12,12,12,12	0
88	MG	2	2007	1/1	0.96	0.23	30,30,30,30	0
88	MG	6	2006	1/1	0.96	0.22	41,41,41,41	0
89	OHX	5	4083	7/7	0.96	0.14	150,150,150,150	0
88	MG	2	1961	1/1	0.96	0.15	38,38,38,38	0
88	MG	1	3614	1/1	0.96	0.05	30,30,30,30	0
88	MG	5	3490	1/1	0.96	0.16	1,1,1,1	0
88	MG	1	3672	1/1	0.96	0.10	28,28,28,28	0
89	OHX	5	4088	7/7	0.96	0.10	177,177,177,177	0
88	MG	1	3553	1/1	0.96	0.13	17,17,17,17	0
88	MG	1	3473	1/1	0.96	0.24	32,32,32,32	0
88	MG	1	3848	1/1	0.96	0.16	10,10,10,10	0
88	MG	O2	201	1/1	0.96	0.09	33,33,33,33	0
88	MG	1	3850	1/1	0.96	0.14	26,26,26,26	0
88	MG	5	3497	1/1	0.96	0.15	8,8,8,8	0
88	MG	1	3505	1/1	0.96	0.14	0,0,0,0	0
88	MG	1	3757	1/1	0.96	0.10	41,41,41,41	0
88	MG	1	3506	1/1	0.96	0.18	23,23,23,23	0
88	MG	1	3423	1/1	0.96	0.14	35,35,35,35	0
88	MG	7	209	1/1	0.96	0.13	10,10,10,10	0
88	MG	7	210	1/1	0.96	0.14	66,66,66,66	0
89	OHX	1	3919	7/7	0.96	0.18	100,100,100,100	0
89	OHX	1	3929	7/7	0.96	0.13	117,117,117,117	0
88	MG	6	2027	1/1	0.96	0.05	45,45,45,45	0
89	OHX	1	3944	7/7	0.96	0.14	125,125,125,125	0
89	OHX	1	3946	7/7	0.96	0.14	112,112,112,112	0
89	OHX	1	3948	7/7	0.96	0.12	122,122,122,122	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	3956	7/7	0.96	0.16	121,121,121,121	0
89	OHX	1	3960	7/7	0.96	0.13	118,118,118,118	0
88	MG	1	3424	1/1	0.96	0.27	34,34,34,34	0
88	MG	1	3425	1/1	0.96	0.11	30,30,30,30	0
89	OHX	1	3972	7/7	0.96	0.11	137,137,137,137	0
88	MG	6	2030	1/1	0.96	0.06	24,24,24,24	0
88	MG	5	3508	1/1	0.96	0.19	15,15,15,15	0
88	MG	5	3511	1/1	0.96	0.19	24,24,24,24	0
89	OHX	1	3979	7/7	0.96	0.11	129,129,129,129	0
89	OHX	1	3982	7/7	0.96	0.12	155,155,155,155	0
89	OHX	1	3983	7/7	0.96	0.10	140,140,140,140	0
89	OHX	1	3984	7/7	0.96	0.11	136,136,136,136	0
89	OHX	1	3988	7/7	0.96	0.14	130,130,130,130	0
89	OHX	1	3990	7/7	0.96	0.12	132,132,132,132	0
88	MG	1	3857	1/1	0.96	0.20	37,37,37,37	0
88	MG	1	3511	1/1	0.96	0.18	24,24,24,24	0
88	MG	8	205	1/1	0.96	0.20	29,29,29,29	0
89	OHX	1	3999	7/7	0.96	0.12	166,166,166,166	0
88	MG	8	207	1/1	0.96	0.05	39,39,39,39	0
89	OHX	1	4003	7/7	0.96	0.12	144,144,144,144	0
88	MG	5	3518	1/1	0.96	0.13	6,6,6,6	0
89	OHX	3	216	7/7	0.96	0.13	148,148,148,148	0
89	OHX	3	218	7/7	0.96	0.10	147,147,147,147	0
89	OHX	3	219	7/7	0.96	0.10	158,158,158,158	0
89	OHX	1	4006	7/7	0.96	0.10	160,160,160,160	0
89	OHX	1	4007	7/7	0.96	0.15	159,159,159,159	0
88	MG	8	209	1/1	0.96	0.06	42,42,42,42	0
88	MG	1	3515	1/1	0.96	0.16	3,3,3,3	0
89	OHX	1	4010	7/7	0.96	0.12	161,161,161,161	0
88	MG	8	211	1/1	0.96	0.05	12,12,12,12	0
89	OHX	4	226	7/7	0.96	0.11	150,150,150,150	0
89	OHX	1	4013	7/7	0.96	0.13	138,138,138,138	0
89	OHX	4	228	7/7	0.96	0.09	188,188,188,188	0
88	MG	1	3516	1/1	0.96	0.25	22,22,22,22	0
88	MG	8	213	1/1	0.96	0.18	65,65,65,65	0
88	MG	5	3524	1/1	0.96	0.18	8,8,8,8	0
88	MG	1	3628	1/1	0.96	0.25	44,44,44,44	0
88	MG	1	3768	1/1	0.96	0.13	46,46,46,46	0
88	MG	13	401	1/1	0.96	0.12	37,37,37,37	0
88	MG	5	3528	1/1	0.96	0.13	28,28,28,28	0
88	MG	1	3688	1/1	0.96	0.06	32,32,32,32	0
88	MG	5	3532	1/1	0.96	0.15	10,10,10,10	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	2	1986	1/1	0.96	0.11	43,43,43,43	0
88	MG	1	3690	1/1	0.96	0.06	29,29,29,29	0
88	MG	1	3691	1/1	0.96	0.21	42,42,42,42	0
88	MG	5	3540	1/1	0.96	0.16	10,10,10,10	0
88	MG	5	3725	1/1	0.96	0.07	24,24,24,24	0
88	MG	6	1921	1/1	0.96	0.22	21,21,21,21	0
89	OHX	1	4033	7/7	0.96	0.10	147,147,147,147	0
89	OHX	5	4158	7/7	0.96	0.11	178,178,178,178	0
89	OHX	6	2061	7/7	0.96	0.14	110,110,110,110	0
88	MG	5	3727	1/1	0.96	0.13	9,9,9,9	0
88	MG	1	3692	1/1	0.96	0.11	23,23,23,23	0
89	OHX	1	4036	7/7	0.96	0.11	161,161,161,161	0
88	MG	5	3544	1/1	0.96	0.17	6,6,6,6	0
88	MG	5	3545	1/1	0.96	0.09	1,1,1,1	0
89	OHX	6	2094	7/7	0.96	0.10	153,153,153,153	0
88	MG	1	3630	1/1	0.96	0.10	9,9,9,9	0
88	MG	m7	203	1/1	0.96	0.18	50,50,50,50	0
88	MG	2	1987	1/1	0.96	0.10	40,40,40,40	0
89	OHX	6	2100	7/7	0.96	0.14	170,170,170,170	0
89	OHX	6	2101	7/7	0.96	0.11	151,151,151,151	0
89	OHX	1	4042	7/7	0.96	0.10	160,160,160,160	0
89	OHX	6	2103	7/7	0.96	0.17	146,146,146,146	0
89	OHX	1	4043	7/7	0.96	0.12	170,170,170,170	0
89	OHX	1	4045	7/7	0.96	0.11	157,157,157,157	0
89	OHX	6	2106	7/7	0.96	0.10	158,158,158,158	0
88	MG	m7	205	1/1	0.96	0.09	45,45,45,45	0
89	OHX	1	4047	7/7	0.96	0.14	143,143,143,143	0
89	OHX	6	2111	7/7	0.96	0.13	163,163,163,163	0
89	OHX	6	2113	7/7	0.96	0.12	147,147,147,147	0
88	MG	1	3519	1/1	0.96	0.18	11,11,11,11	0
89	OHX	6	2115	7/7	0.96	0.13	152,152,152,152	0
88	MG	1	3570	1/1	0.96	0.17	16,16,16,16	0
88	MG	6	1927	1/1	0.96	0.14	23,23,23,23	0
89	OHX	1	4053	7/7	0.96	0.10	173,173,173,173	0
88	MG	1	3699	1/1	0.96	0.15	40,40,40,40	0
88	MG	1	3783	1/1	0.96	0.06	15,15,15,15	0
89	OHX	1	4056	7/7	0.96	0.12	175,175,175,175	0
88	MG	5	3744	1/1	0.96	0.28	39,39,39,39	0
88	MG	5	3747	1/1	0.96	0.12	17,17,17,17	0
89	OHX	1	4059	7/7	0.96	0.12	164,164,164,164	0
89	OHX	1	4060	7/7	0.96	0.10	188,188,188,188	0
88	MG	3	203	1/1	0.96	0.06	55,55,55,55	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	4063	7/7	0.96	0.14	158,158,158,158	0
89	OHX	1	4064	7/7	0.96	0.09	167,167,167,167	0
88	MG	1	3571	1/1	0.96	0.14	14,14,14,14	0
88	MG	5	3561	1/1	0.96	0.18	5,5,5,5	0
88	MG	q3	503	1/1	0.96	0.10	66,66,66,66	0
89	OHX	1	4068	7/7	0.96	0.08	205,205,205,205	0
88	MG	1	3484	1/1	0.96	0.08	0,0,0,0	0
89	OHX	2	2043	7/7	0.96	0.15	132,132,132,132	0
89	OHX	2	2049	7/7	0.96	0.12	135,135,135,135	0
88	MG	5	3563	1/1	0.96	0.17	10,10,10,10	0
89	OHX	2	2054	7/7	0.96	0.10	156,156,156,156	0
89	OHX	2	2055	7/7	0.96	0.12	150,150,150,150	0
88	MG	5	3566	1/1	0.96	0.21	6,6,6,6	0
88	MG	5	3568	1/1	0.96	0.20	18,18,18,18	0
89	OHX	1	4077	7/7	0.96	0.13	172,172,172,172	0
88	MG	1	3786	1/1	0.96	0.06	39,39,39,39	0
88	MG	d4	201	1/1	0.96	0.08	43,43,43,43	0
89	OHX	6	2145	7/7	0.96	0.13	176,176,176,176	0
89	OHX	2	2065	7/7	0.96	0.12	165,165,165,165	0
88	MG	1	3521	1/1	0.96	0.20	30,30,30,30	0
88	MG	sM	401	1/1	0.96	0.08	28,28,28,28	0
88	MG	5	3765	1/1	0.96	0.09	21,21,21,21	0
89	OHX	2	2069	7/7	0.96	0.12	154,154,154,154	0
89	OHX	2	2071	7/7	0.96	0.10	168,168,168,168	0
89	OHX	2	2072	7/7	0.96	0.10	158,158,158,158	0
88	MG	6	1937	1/1	0.96	0.13	18,18,18,18	0
88	MG	2	1962	1/1	0.96	0.15	21,21,21,21	0
89	OHX	2	2076	7/7	0.96	0.13	193,193,193,193	0
88	MG	5	3769	1/1	0.96	0.05	62,62,62,62	0
88	MG	5	3405	1/1	0.96	0.20	26,26,26,26	0
88	MG	5	3406	1/1	0.96	0.10	12,12,12,12	0
88	MG	6	1939	1/1	0.96	0.14	20,20,20,20	0
88	MG	1	3791	1/1	0.96	0.07	31,31,31,31	0
88	MG	1	3704	1/1	0.96	0.15	40,40,40,40	0
88	MG	6	1945	1/1	0.96	0.20	16,16,16,16	0
88	MG	2	2012	1/1	0.96	0.15	40,40,40,40	0
88	MG	5	3779	1/1	0.96	0.13	21,21,21,21	0
88	MG	6	1948	1/1	0.96	0.21	30,30,30,30	0
89	OHX	2	2087	7/7	0.96	0.16	161,161,161,161	0
88	MG	5	3591	1/1	0.96	0.17	2,2,2,2	0
89	OHX	2	2089	7/7	0.96	0.10	168,168,168,168	0
88	MG	1	3527	1/1	0.96	0.10	22,22,22,22	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3593	1/1	0.96	0.15	19,19,19,19	0
88	MG	5	3420	1/1	0.96	0.07	34,34,34,34	0
89	OHX	2	2094	7/7	0.96	0.09	175,175,175,175	0
88	MG	5	3597	1/1	0.96	0.19	6,6,6,6	0
88	MG	5	3600	1/1	0.96	0.27	9,9,9,9	0
88	MG	2	1945	1/1	0.96	0.09	36,36,36,36	0
88	MG	5	3603	1/1	0.96	0.05	19,19,19,19	0
88	MG	5	3604	1/1	0.96	0.08	48,48,48,48	0
88	MG	1	3489	1/1	0.96	0.19	26,26,26,26	0
88	MG	1	3645	1/1	0.96	0.17	35,35,35,35	0
88	MG	6	1954	1/1	0.96	0.12	11,11,11,11	0
88	MG	1	3799	1/1	0.96	0.09	45,45,45,45	0
88	MG	5	3617	1/1	0.96	0.09	22,22,22,22	0
88	MG	2	1907	1/1	0.96	0.19	26,26,26,26	0
88	MG	1	3536	1/1	0.96	0.10	36,36,36,36	0
88	MG	1	3589	1/1	0.96	0.23	28,28,28,28	0
88	MG	1	3649	1/1	0.96	0.10	38,38,38,38	0
88	MG	5	3805	1/1	0.96	0.07	34,34,34,34	0
88	MG	5	3623	1/1	0.96	0.25	41,41,41,41	0
88	MG	4	213	1/1	0.96	0.10	38,38,38,38	0
88	MG	6	1966	1/1	0.96	0.19	39,39,39,39	0
88	MG	1	3721	1/1	0.96	0.12	51,51,51,51	0
89	OHX	7	217	7/7	0.96	0.12	128,128,128,128	0
89	OHX	7	221	7/7	0.96	0.13	135,135,135,135	0
89	OHX	2	2115	7/7	0.96	0.12	184,184,184,184	0
88	MG	5	3810	1/1	0.96	0.10	48,48,48,48	0
88	MG	1	3460	1/1	0.96	0.35	70,70,70,70	0
88	MG	4	217	1/1	0.96	0.21	35,35,35,35	0
88	MG	5	3445	1/1	0.96	0.17	31,31,31,31	0
89	OHX	8	221	7/7	0.96	0.12	152,152,152,152	0
88	MG	1	3652	1/1	0.96	0.07	44,44,44,44	0
89	OHX	8	223	7/7	0.96	0.11	166,166,166,166	0
89	OHX	8	224	7/7	0.96	0.11	162,162,162,162	0
88	MG	5	3447	1/1	0.96	0.05	29,29,29,29	0
88	MG	2	1913	1/1	0.96	0.14	29,29,29,29	0
88	MG	1	3726	1/1	0.96	0.09	60,60,60,60	0
88	MG	5	3819	1/1	0.96	0.25	39,39,39,39	0
88	MG	5	3820	1/1	0.96	0.05	40,40,40,40	0
88	MG	5	3637	1/1	0.96	0.06	29,29,29,29	0
88	MG	L4	401	1/1	0.96	0.08	35,35,35,35	0
88	MG	5	3829	1/1	0.96	0.06	32,32,32,32	0
88	MG	1	3438	1/1	0.96	0.16	20,20,20,20	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors(Å ²)	Q<0.9
89	OHX	2	2130	7/7	0.96	0.13	188,188,188,188	0
88	MG	1	3818	1/1	0.96	0.14	38,38,38,38	0
88	MG	5	3833	1/1	0.96	0.05	37,37,37,37	0
88	MG	2	1982	1/1	0.96	0.21	40,40,40,40	0
88	MG	6	1981	1/1	0.96	0.15	29,29,29,29	0
89	OHX	5	3976	7/7	0.96	0.12	114,114,114,114	0
89	OHX	5	3979	7/7	0.96	0.13	114,114,114,114	0
89	OHX	5	3996	7/7	0.96	0.11	146,146,146,146	0
88	MG	1	3729	1/1	0.96	0.11	52,52,52,52	0
88	MG	5	3841	1/1	0.96	0.05	37,37,37,37	0
89	OHX	m5	305	7/7	0.96	0.11	160,160,160,160	0
88	MG	5	3842	1/1	0.96	0.13	93,93,93,93	0
89	OHX	o3	202	7/7	0.96	0.13	135,135,135,135	0
88	MG	1	3657	1/1	0.96	0.12	44,44,44,44	0
90	ZN	E1	501	1/1	0.96	0.04	102,102,102,102	0
88	MG	5	3464	1/1	0.96	0.18	33,33,33,33	0
89	OHX	5	4016	7/7	0.96	0.13	136,136,136,136	0
89	OHX	5	4017	7/7	0.96	0.12	143,143,143,143	0
89	OHX	5	4018	7/7	0.96	0.12	138,138,138,138	0
88	MG	6	1942	1/1	0.97	0.06	10,10,10,10	0
89	OHX	5	4020	7/7	0.97	0.10	126,126,126,126	0
88	MG	6	1943	1/1	0.97	0.21	17,17,17,17	0
88	MG	7	205	1/1	0.97	0.20	11,11,11,11	0
88	MG	1	3535	1/1	0.97	0.17	23,23,23,23	0
88	MG	1	3463	1/1	0.97	0.12	12,12,12,12	0
88	MG	1	3485	1/1	0.97	0.14	24,24,24,24	0
89	OHX	5	4026	7/7	0.97	0.12	132,132,132,132	0
88	MG	6	1947	1/1	0.97	0.16	28,28,28,28	0
88	MG	5	3548	1/1	0.97	0.32	27,27,27,27	0
88	MG	1	3431	1/1	0.97	0.21	23,23,23,23	0
89	OHX	5	4030	7/7	0.97	0.13	125,125,125,125	0
88	MG	5	3550	1/1	0.97	0.17	23,23,23,23	0
88	MG	5	3551	1/1	0.97	0.20	11,11,11,11	0
88	MG	5	3404	1/1	0.97	0.03	17,17,17,17	0
88	MG	1	3432	1/1	0.97	0.20	35,35,35,35	0
89	OHX	5	4035	7/7	0.97	0.10	162,162,162,162	0
88	MG	4	219	1/1	0.97	0.15	201,201,201,201	0
89	OHX	1	3905	7/7	0.97	0.14	84,84,84,84	0
88	MG	L2	301	1/1	0.97	0.06	5,5,5,5	0
89	OHX	1	3920	7/7	0.97	0.12	98,98,98,98	0
88	MG	5	3408	1/1	0.97	0.12	32,32,32,32	0
89	OHX	1	3930	7/7	0.97	0.12	95,95,95,95	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	8	206	1/1	0.97	0.13	23,23,23,23	0
89	OHX	1	3941	7/7	0.97	0.14	107,107,107,107	0
89	OHX	1	3943	7/7	0.97	0.12	173,173,173,173	0
88	MG	L2	302	1/1	0.97	0.14	41,41,41,41	0
89	OHX	1	3945	7/7	0.97	0.12	109,109,109,109	0
88	MG	6	1953	1/1	0.97	0.24	27,27,27,27	0
89	OHX	1	3947	7/7	0.97	0.13	115,115,115,115	0
88	MG	5	3559	1/1	0.97	0.23	19,19,19,19	0
89	OHX	1	3949	7/7	0.97	0.12	111,111,111,111	0
89	OHX	1	3955	7/7	0.97	0.13	117,117,117,117	0
88	MG	L3	401	1/1	0.97	0.03	42,42,42,42	0
89	OHX	5	4056	7/7	0.97	0.11	144,144,144,144	0
89	OHX	1	3957	7/7	0.97	0.11	124,124,124,124	0
89	OHX	1	3959	7/7	0.97	0.11	132,132,132,132	0
88	MG	5	3728	1/1	0.97	0.03	24,24,24,24	0
88	MG	5	3414	1/1	0.97	0.16	11,11,11,11	0
88	MG	5	3415	1/1	0.97	0.06	24,24,24,24	0
89	OHX	1	3964	7/7	0.97	0.17	114,114,114,114	0
89	OHX	1	3971	7/7	0.97	0.12	128,128,128,128	0
88	MG	8	214	1/1	0.97	0.12	30,30,30,30	0
88	MG	L3	402	1/1	0.97	0.14	11,11,11,11	0
88	MG	1	3575	1/1	0.97	0.12	7,7,7,7	0
89	OHX	1	3977	7/7	0.97	0.11	133,133,133,133	0
88	MG	6	1959	1/1	0.97	0.24	30,30,30,30	0
88	MG	5	3736	1/1	0.97	0.08	24,24,24,24	0
89	OHX	1	3981	7/7	0.97	0.12	166,166,166,166	0
88	MG	5	3419	1/1	0.97	0.03	31,31,31,31	0
88	MG	5	3738	1/1	0.97	0.24	42,42,42,42	0
88	MG	1	3541	1/1	0.97	0.20	35,35,35,35	0
89	OHX	1	3985	7/7	0.97	0.14	149,149,149,149	0
89	OHX	1	3987	7/7	0.97	0.11	149,149,149,149	0
88	MG	14	401	1/1	0.97	0.14	40,40,40,40	0
89	OHX	1	3989	7/7	0.97	0.12	147,147,147,147	0
88	MG	6	1961	1/1	0.97	0.14	35,35,35,35	0
88	MG	5	3422	1/1	0.97	0.04	25,25,25,25	0
89	OHX	1	3994	7/7	0.97	0.11	134,134,134,134	0
89	OHX	1	3995	7/7	0.97	0.12	140,140,140,140	0
88	MG	1	3422	1/1	0.97	0.21	25,25,25,25	0
88	MG	1	3510	1/1	0.97	0.17	5,5,5,5	0
88	MG	5	3746	1/1	0.97	0.06	29,29,29,29	0
88	MG	5	3577	1/1	0.97	0.14	6,6,6,6	0
89	OHX	1	4001	7/7	0.97	0.12	146,146,146,146	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	4002	7/7	0.97	0.11	143,143,143,143	0
88	MG	5	3578	1/1	0.97	0.18	29,29,29,29	0
88	MG	5	3425	1/1	0.97	0.06	4,4,4,4	0
89	OHX	5	4092	7/7	0.97	0.10	154,154,154,154	0
89	OHX	3	215	7/7	0.97	0.10	114,114,114,114	0
89	OHX	1	4005	7/7	0.97	0.12	162,162,162,162	0
89	OHX	3	217	7/7	0.97	0.10	133,133,133,133	0
88	MG	1	3835	1/1	0.97	0.07	6,6,6,6	0
88	MG	5	3581	1/1	0.97	0.09	8,8,8,8	0
88	MG	1	3624	1/1	0.97	0.15	34,34,34,34	0
88	MG	m7	202	1/1	0.97	0.06	14,14,14,14	0
88	MG	1	3434	1/1	0.97	0.29	37,37,37,37	0
89	OHX	1	4011	7/7	0.97	0.13	126,126,126,126	0
88	MG	1	3709	1/1	0.97	0.09	36,36,36,36	0
88	MG	6	1969	1/1	0.97	0.12	35,35,35,35	0
89	OHX	4	222	7/7	0.97	0.11	121,121,121,121	0
89	OHX	4	224	7/7	0.97	0.09	166,166,166,166	0
89	OHX	4	225	7/7	0.97	0.09	159,159,159,159	0
88	MG	1	3626	1/1	0.97	0.04	27,27,27,27	0
88	MG	n0	202	1/1	0.97	0.16	41,41,41,41	0
88	MG	5	3761	1/1	0.97	0.17	51,51,51,51	0
88	MG	n6	201	1/1	0.97	0.10	25,25,25,25	0
88	MG	M0	301	1/1	0.97	0.12	30,30,30,30	0
89	OHX	1	4019	7/7	0.97	0.09	149,149,149,149	0
88	MG	5	3435	1/1	0.97	0.11	9,9,9,9	0
88	MG	1	3583	1/1	0.97	0.19	13,13,13,13	0
88	MG	n8	203	1/1	0.97	0.06	23,23,23,23	0
89	OHX	L3	406	7/7	0.97	0.10	157,157,157,157	0
88	MG	5	3594	1/1	0.97	0.16	2,2,2,2	0
88	MG	5	3595	1/1	0.97	0.13	3,3,3,3	0
89	OHX	1	4025	7/7	0.97	0.10	160,160,160,160	0
89	OHX	1	4026	7/7	0.97	0.10	157,157,157,157	0
88	MG	5	3768	1/1	0.97	0.14	64,64,64,64	0
88	MG	6	1973	1/1	0.97	0.10	33,33,33,33	0
88	MG	5	3439	1/1	0.97	0.23	21,21,21,21	0
88	MG	1	3491	1/1	0.97	0.10	25,25,25,25	0
89	OHX	1	4031	7/7	0.97	0.09	176,176,176,176	0
89	OHX	2	2031	7/7	0.97	0.12	99,99,99,99	0
89	OHX	2	2035	7/7	0.97	0.14	111,111,111,111	0
89	OHX	6	2068	7/7	0.97	0.11	119,119,119,119	0
89	OHX	6	2071	7/7	0.97	0.10	133,133,133,133	0
88	MG	5	3443	1/1	0.97	0.12	7,7,7,7	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	6	2075	7/7	0.97	0.10	124,124,124,124	0
89	OHX	6	2078	7/7	0.97	0.13	116,116,116,116	0
89	OHX	6	2080	7/7	0.97	0.09	122,122,122,122	0
89	OHX	6	2081	7/7	0.97	0.13	142,142,142,142	0
88	MG	1	3713	1/1	0.97	0.32	34,34,34,34	0
89	OHX	2	2046	7/7	0.97	0.14	131,131,131,131	0
89	OHX	6	2085	7/7	0.97	0.10	128,128,128,128	0
89	OHX	6	2086	7/7	0.97	0.11	135,135,135,135	0
89	OHX	6	2087	7/7	0.97	0.12	131,131,131,131	0
88	MG	1	3845	1/1	0.97	0.18	11,11,11,11	0
89	OHX	6	2089	7/7	0.97	0.10	128,128,128,128	0
89	OHX	6	2091	7/7	0.97	0.09	139,139,139,139	0
89	OHX	2	2050	7/7	0.97	0.12	143,143,143,143	0
89	OHX	6	2093	7/7	0.97	0.10	132,132,132,132	0
89	OHX	2	2052	7/7	0.97	0.13	134,134,134,134	0
88	MG	5	3605	1/1	0.97	0.16	25,25,25,25	0
88	MG	5	3776	1/1	0.97	0.13	22,22,22,22	0
88	MG	5	3606	1/1	0.97	0.20	41,41,41,41	0
89	OHX	6	2098	7/7	0.97	0.09	154,154,154,154	0
88	MG	5	3607	1/1	0.97	0.08	21,21,21,21	0
89	OHX	1	4044	7/7	0.97	0.10	148,148,148,148	0
88	MG	6	1977	1/1	0.97	0.13	17,17,17,17	0
89	OHX	2	2059	7/7	0.97	0.12	146,146,146,146	0
89	OHX	2	2060	7/7	0.97	0.10	151,151,151,151	0
88	MG	6	1978	1/1	0.97	0.11	47,47,47,47	0
88	MG	M5	302	1/1	0.97	0.04	14,14,14,14	0
89	OHX	1	4050	7/7	0.97	0.10	140,140,140,140	0
89	OHX	2	2064	7/7	0.97	0.12	146,146,146,146	0
89	OHX	6	2110	7/7	0.97	0.10	134,134,134,134	0
88	MG	5	3783	1/1	0.97	0.10	48,48,48,48	0
89	OHX	6	2112	7/7	0.97	0.08	155,155,155,155	0
88	MG	2	1903	1/1	0.97	0.17	24,24,24,24	0
88	MG	2	1997	1/1	0.97	0.11	33,33,33,33	0
88	MG	5	3786	1/1	0.97	0.07	57,57,57,57	0
89	OHX	6	2116	7/7	0.97	0.10	146,146,146,146	0
88	MG	5	3452	1/1	0.97	0.10	28,28,28,28	0
89	OHX	2	2070	7/7	0.97	0.10	155,155,155,155	0
88	MG	5	3788	1/1	0.97	0.11	10,10,10,10	0
88	MG	6	1982	1/1	0.97	0.12	46,46,46,46	0
89	OHX	1	4061	7/7	0.97	0.07	180,180,180,180	0
88	MG	5	3791	1/1	0.97	0.10	40,40,40,40	0
89	OHX	2	2074	7/7	0.97	0.11	159,159,159,159	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3774	1/1	0.97	0.07	54,54,54,54	0
88	MG	1	3849	1/1	0.97	0.07	20,20,20,20	0
88	MG	M7	204	1/1	0.97	0.09	16,16,16,16	0
88	MG	5	3459	1/1	0.97	0.14	97,97,97,97	0
88	MG	5	3625	1/1	0.97	0.26	64,64,64,64	0
88	MG	5	3797	1/1	0.97	0.16	30,30,30,30	0
88	MG	M7	205	1/1	0.97	0.05	15,15,15,15	0
88	MG	1	3717	1/1	0.97	0.18	42,42,42,42	0
88	MG	5	3462	1/1	0.97	0.14	26,26,26,26	0
88	MG	5	3630	1/1	0.97	0.10	45,45,45,45	0
88	MG	1	3776	1/1	0.97	0.10	61,61,61,61	0
88	MG	1	3718	1/1	0.97	0.05	27,27,27,27	0
88	MG	N3	201	1/1	0.97	0.15	10,10,10,10	0
88	MG	1	3631	1/1	0.97	0.07	26,26,26,26	0
88	MG	1	3720	1/1	0.97	0.04	21,21,21,21	0
89	OHX	2	2090	7/7	0.97	0.11	170,170,170,170	0
88	MG	1	3673	1/1	0.97	0.04	61,61,61,61	0
88	MG	1	3781	1/1	0.97	0.04	37,37,37,37	0
88	MG	5	3471	1/1	0.97	0.22	36,36,36,36	0
88	MG	1	3437	1/1	0.97	0.14	26,26,26,26	0
88	MG	1	3723	1/1	0.97	0.35	48,48,48,48	0
89	OHX	2	2096	7/7	0.97	0.09	185,185,185,185	0
88	MG	5	3641	1/1	0.97	0.14	17,17,17,17	0
88	MG	5	3642	1/1	0.97	0.08	25,25,25,25	0
88	MG	1	3859	1/1	0.97	0.08	31,31,31,31	0
88	MG	6	2000	1/1	0.97	0.06	49,49,49,49	0
88	MG	1	3455	1/1	0.97	0.11	17,17,17,17	0
88	MG	2	1927	1/1	0.97	0.19	19,19,19,19	0
88	MG	1	3592	1/1	0.97	0.14	5,5,5,5	0
88	MG	O7	102	1/1	0.97	0.15	30,30,30,30	0
88	MG	5	3822	1/1	0.97	0.09	28,28,28,28	0
88	MG	1	3475	1/1	0.97	0.17	8,8,8,8	0
88	MG	5	3650	1/1	0.97	0.15	48,48,48,48	0
88	MG	5	3828	1/1	0.97	0.05	33,33,33,33	0
88	MG	5	3651	1/1	0.97	0.09	19,19,19,19	0
88	MG	1	3788	1/1	0.97	0.11	25,25,25,25	0
88	MG	1	3680	1/1	0.97	0.08	30,30,30,30	0
89	OHX	1	4101	7/7	0.97	0.11	136,136,136,136	0
88	MG	5	3654	1/1	0.97	0.10	11,11,11,11	0
88	MG	6	2011	1/1	0.97	0.03	46,46,46,46	0
88	MG	6	1905	1/1	0.97	0.27	37,37,37,37	0
88	MG	1	3681	1/1	0.97	0.17	36,36,36,36	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3839	1/1	0.97	0.04	12,12,12,12	0
88	MG	1	3730	1/1	0.97	0.16	42,42,42,42	0
88	MG	1	3732	1/1	0.97	0.08	41,41,41,41	0
88	MG	1	3733	1/1	0.97	0.14	15,15,15,15	0
88	MG	6	2019	1/1	0.97	0.19	39,39,39,39	0
88	MG	1	3522	1/1	0.97	0.05	21,21,21,21	0
88	MG	6	2021	1/1	0.97	0.09	31,31,31,31	0
88	MG	6	1911	1/1	0.97	0.21	26,26,26,26	0
88	MG	5	3666	1/1	0.97	0.13	34,34,34,34	0
88	MG	1	3523	1/1	0.97	0.08	45,45,45,45	0
88	MG	5	3668	1/1	0.97	0.17	30,30,30,30	0
88	MG	6	1914	1/1	0.97	0.14	7,7,7,7	0
88	MG	1	3524	1/1	0.97	0.18	5,5,5,5	0
88	MG	1	3439	1/1	0.97	0.14	34,34,34,34	0
88	MG	5	3858	1/1	0.97	0.11	38,38,38,38	0
88	MG	5	3859	1/1	0.97	0.15	33,33,33,33	0
88	MG	5	3860	1/1	0.97	0.04	53,53,53,53	0
88	MG	5	3672	1/1	0.97	0.09	25,25,25,25	0
88	MG	1	3738	1/1	0.97	0.04	16,16,16,16	0
88	MG	5	3864	1/1	0.97	0.19	54,54,54,54	0
88	MG	2	1956	1/1	0.97	0.13	33,33,33,33	0
88	MG	1	3802	1/1	0.97	0.10	16,16,16,16	0
88	MG	5	3676	1/1	0.97	0.23	33,33,33,33	0
88	MG	1	3559	1/1	0.97	0.17	7,7,7,7	0
88	MG	5	3870	1/1	0.97	0.05	18,18,18,18	0
88	MG	5	3871	1/1	0.97	0.19	29,29,29,29	0
88	MG	5	3678	1/1	0.97	0.09	38,38,38,38	0
88	MG	5	3873	1/1	0.97	0.14	15,15,15,15	0
88	MG	5	3874	1/1	0.97	0.23	18,18,18,18	0
88	MG	1	3478	1/1	0.97	0.20	39,39,39,39	0
88	MG	5	3681	1/1	0.97	0.07	28,28,28,28	0
88	MG	5	3682	1/1	0.97	0.06	21,21,21,21	0
88	MG	5	3879	1/1	0.97	0.33	36,36,36,36	0
88	MG	1	3805	1/1	0.97	0.06	30,30,30,30	0
88	MG	1	3418	1/1	0.97	0.12	4,4,4,4	0
88	MG	1	3562	1/1	0.97	0.14	11,11,11,11	0
88	MG	5	3884	1/1	0.97	0.17	38,38,38,38	0
88	MG	5	3509	1/1	0.97	0.20	6,6,6,6	0
88	MG	2	1932	1/1	0.97	0.29	33,33,33,33	0
88	MG	1	3745	1/1	0.97	0.08	34,34,34,34	0
88	MG	5	3513	1/1	0.97	0.23	9,9,9,9	0
89	OHX	7	216	7/7	0.97	0.13	103,103,103,103	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3747	1/1	0.97	0.05	25,25,25,25	0
88	MG	3	213	1/1	0.97	0.16	25,25,25,25	0
88	MG	6	1929	1/1	0.97	0.13	27,27,27,27	0
88	MG	5	3522	1/1	0.97	0.15	6,6,6,6	0
88	MG	2	1911	1/1	0.97	0.23	29,29,29,29	0
89	OHX	5	3928	7/7	0.97	0.14	77,77,77,77	0
89	OHX	5	3951	7/7	0.97	0.11	101,101,101,101	0
89	OHX	8	219	7/7	0.97	0.11	135,135,135,135	0
89	OHX	8	220	7/7	0.97	0.12	128,128,128,128	0
89	OHX	5	3957	7/7	0.97	0.12	100,100,100,100	0
89	OHX	5	3962	7/7	0.97	0.11	94,94,94,94	0
89	OHX	5	3965	7/7	0.97	0.12	108,108,108,108	0
88	MG	1	3816	1/1	0.97	0.10	19,19,19,19	0
89	OHX	5	3977	7/7	0.97	0.13	102,102,102,102	0
88	MG	4	202	1/1	0.97	0.17	17,17,17,17	0
89	OHX	5	3981	7/7	0.97	0.11	105,105,105,105	0
89	OHX	5	3983	7/7	0.97	0.13	113,113,113,113	0
89	OHX	5	3985	7/7	0.97	0.10	120,120,120,120	0
89	OHX	5	3986	7/7	0.97	0.15	113,113,113,113	0
89	OHX	5	3990	7/7	0.97	0.10	127,127,127,127	0
89	OHX	13	406	7/7	0.97	0.11	146,146,146,146	0
89	OHX	5	3991	7/7	0.97	0.12	156,156,156,156	0
89	OHX	5	3992	7/7	0.97	0.10	133,133,133,133	0
89	OHX	5	3994	7/7	0.97	0.11	115,115,115,115	0
88	MG	5	3896	1/1	0.97	0.14	22,22,22,22	0
88	MG	1	3750	1/1	0.97	0.07	32,32,32,32	0
89	OHX	5	3998	7/7	0.97	0.18	112,112,112,112	0
89	OHX	5	3999	7/7	0.97	0.10	134,134,134,134	0
88	MG	4	204	1/1	0.97	0.21	30,30,30,30	0
89	OHX	5	4002	7/7	0.97	0.12	134,134,134,134	0
89	OHX	5	4004	7/7	0.97	0.15	114,114,114,114	0
88	MG	1	3650	1/1	0.97	0.14	36,36,36,36	0
89	OHX	5	4006	7/7	0.97	0.13	113,113,113,113	0
88	MG	1	3820	1/1	0.97	0.07	39,39,39,39	0
89	OHX	5	4009	7/7	0.97	0.10	145,145,145,145	0
89	OHX	5	4012	7/7	0.97	0.09	129,129,129,129	0
89	OHX	5	4013	7/7	0.97	0.09	142,142,142,142	0
89	OHX	5	4014	7/7	0.97	0.11	144,144,144,144	0
88	MG	1	3821	1/1	0.97	0.17	40,40,40,40	0
88	MG	1	3822	1/1	0.97	0.12	21,21,21,21	0
88	MG	5	3537	1/1	0.97	0.19	20,20,20,20	0
88	MG	1	3534	1/1	0.97	0.12	13,13,13,13	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3477	1/1	0.98	0.07	39,39,39,39	0
89	OHX	1	3992	7/7	0.98	0.11	116,116,116,116	0
89	OHX	1	3993	7/7	0.98	0.12	141,141,141,141	0
88	MG	5	3570	1/1	0.98	0.12	0,0,0,0	0
88	MG	7	206	1/1	0.98	0.05	31,31,31,31	0
88	MG	1	3483	1/1	0.98	0.16	20,20,20,20	0
88	MG	1	3447	1/1	0.98	0.07	16,16,16,16	0
89	OHX	1	3998	7/7	0.98	0.11	141,141,141,141	0
88	MG	1	3448	1/1	0.98	0.11	23,23,23,23	0
88	MG	6	1997	1/1	0.98	0.13	30,30,30,30	0
88	MG	1	3449	1/1	0.98	0.13	33,33,33,33	0
88	MG	1	3591	1/1	0.98	0.21	15,15,15,15	0
88	MG	1	3664	1/1	0.98	0.04	19,19,19,19	0
88	MG	5	3680	1/1	0.98	0.11	21,21,21,21	0
88	MG	1	3665	1/1	0.98	0.13	34,34,34,34	0
88	MG	6	2002	1/1	0.98	0.03	21,21,21,21	0
88	MG	5	3412	1/1	0.98	0.18	20,20,20,20	0
89	OHX	1	4169	7/7	0.98	0.11	161,161,161,161	0
88	MG	5	3413	1/1	0.98	0.19	28,28,28,28	0
88	MG	6	2003	1/1	0.98	0.06	55,55,55,55	0
88	MG	5	3686	1/1	0.98	0.16	37,37,37,37	0
88	MG	1	3839	1/1	0.98	0.12	22,22,22,22	0
88	MG	1	3705	1/1	0.98	0.22	55,55,55,55	0
88	MG	5	3587	1/1	0.98	0.26	18,18,18,18	0
89	OHX	5	4113	7/7	0.98	0.10	132,132,132,132	0
88	MG	5	3588	1/1	0.98	0.27	6,6,6,6	0
88	MG	2	1968	1/1	0.98	0.18	27,27,27,27	0
88	MG	1	3412	1/1	0.98	0.12	19,19,19,19	0
88	MG	1	3565	1/1	0.98	0.20	7,7,7,7	0
88	MG	1	3474	1/1	0.98	0.10	5,5,5,5	0
88	MG	N8	203	1/1	0.98	0.11	66,66,66,66	0
88	MG	5	3696	1/1	0.98	0.06	55,55,55,55	0
88	MG	1	3462	1/1	0.98	0.12	3,3,3,3	0
88	MG	4	206	1/1	0.98	0.22	19,19,19,19	0
88	MG	5	3499	1/1	0.98	0.21	18,18,18,18	0
88	MG	1	3633	1/1	0.98	0.04	32,32,32,32	0
88	MG	5	3598	1/1	0.98	0.17	0,0,0,0	0
88	MG	5	3599	1/1	0.98	0.27	14,14,14,14	0
88	MG	5	3501	1/1	0.98	0.12	19,19,19,19	0
88	MG	1	3598	1/1	0.98	0.09	15,15,15,15	0
88	MG	5	3602	1/1	0.98	0.10	21,21,21,21	0
88	MG	1	3599	1/1	0.98	0.20	3,3,3,3	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	6	1956	1/1	0.98	0.31	29,29,29,29	0
88	MG	6	1957	1/1	0.98	0.14	17,17,17,17	0
88	MG	5	3823	1/1	0.98	0.07	39,39,39,39	0
88	MG	4	210	1/1	0.98	0.14	30,30,30,30	0
88	MG	m5	303	1/1	0.98	0.04	26,26,26,26	0
88	MG	1	3600	1/1	0.98	0.28	11,11,11,11	0
88	MG	5	3827	1/1	0.98	0.22	39,39,39,39	0
88	MG	m6	202	1/1	0.98	0.10	48,48,48,48	0
88	MG	6	2024	1/1	0.98	0.09	40,40,40,40	0
88	MG	5	3433	1/1	0.98	0.19	27,27,27,27	0
88	MG	5	3610	1/1	0.98	0.11	2,2,2,2	0
88	MG	5	3611	1/1	0.98	0.18	15,15,15,15	0
88	MG	5	3510	1/1	0.98	0.14	2,2,2,2	0
88	MG	5	3614	1/1	0.98	0.17	36,36,36,36	0
88	MG	4	212	1/1	0.98	0.06	36,36,36,36	0
88	MG	n3	201	1/1	0.98	0.19	3,3,3,3	0
88	MG	1	3545	1/1	0.98	0.15	17,17,17,17	0
88	MG	6	1962	1/1	0.98	0.11	26,26,26,26	0
88	MG	5	3514	1/1	0.98	0.06	12,12,12,12	0
88	MG	5	3515	1/1	0.98	0.12	27,27,27,27	0
88	MG	1	3603	1/1	0.98	0.19	7,7,7,7	0
89	OHX	1	4052	7/7	0.98	0.10	159,159,159,159	0
88	MG	5	3845	1/1	0.98	0.05	18,18,18,18	0
88	MG	5	3517	1/1	0.98	0.07	11,11,11,11	0
88	MG	5	3438	1/1	0.98	0.20	25,25,25,25	0
88	MG	1	3759	1/1	0.98	0.07	9,9,9,9	0
88	MG	5	3626	1/1	0.98	0.10	15,15,15,15	0
88	MG	4	216	1/1	0.98	0.05	23,23,23,23	0
88	MG	5	3441	1/1	0.98	0.11	1,1,1,1	0
89	OHX	2	2025	7/7	0.98	0.13	82,82,82,82	0
89	OHX	2	2029	7/7	0.98	0.10	100,100,100,100	0
89	OHX	2	2030	7/7	0.98	0.11	97,97,97,97	0
88	MG	2	1929	1/1	0.98	0.13	19,19,19,19	0
89	OHX	2	2033	7/7	0.98	0.12	109,109,109,109	0
88	MG	5	3854	1/1	0.98	0.07	59,59,59,59	0
89	OHX	2	2037	7/7	0.98	0.10	114,114,114,114	0
89	OHX	2	2038	7/7	0.98	0.11	113,113,113,113	0
89	OHX	2	2039	7/7	0.98	0.09	112,112,112,112	0
88	MG	5	3733	1/1	0.98	0.09	33,33,33,33	0
89	OHX	2	2041	7/7	0.98	0.10	102,102,102,102	0
88	MG	5	3525	1/1	0.98	0.29	27,27,27,27	0
89	OHX	5	3931	7/7	0.98	0.11	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	3942	7/7	0.98	0.12	96,96,96,96	0
89	OHX	5	3943	7/7	0.98	0.10	97,97,97,97	0
89	OHX	5	3946	7/7	0.98	0.11	89,89,89,89	0
89	OHX	5	3948	7/7	0.98	0.11	85,85,85,85	0
89	OHX	5	3949	7/7	0.98	0.11	97,97,97,97	0
89	OHX	2	2045	7/7	0.98	0.12	125,125,125,125	0
89	OHX	5	3952	7/7	0.98	0.11	89,89,89,89	0
89	OHX	5	3953	7/7	0.98	0.11	99,99,99,99	0
89	OHX	5	3954	7/7	0.98	0.11	107,107,107,107	0
88	MG	1	3493	1/1	0.98	0.16	16,16,16,16	0
89	OHX	5	3958	7/7	0.98	0.13	94,94,94,94	0
89	OHX	5	3960	7/7	0.98	0.12	109,109,109,109	0
89	OHX	2	2048	7/7	0.98	0.07	125,125,125,125	0
89	OHX	5	3963	7/7	0.98	0.11	98,98,98,98	0
88	MG	1	3464	1/1	0.98	0.14	10,10,10,10	0
89	OHX	5	3966	7/7	0.98	0.12	93,93,93,93	0
89	OHX	5	3968	7/7	0.98	0.10	102,102,102,102	0
89	OHX	5	3969	7/7	0.98	0.10	97,97,97,97	0
89	OHX	5	3971	7/7	0.98	0.10	101,101,101,101	0
89	OHX	5	3974	7/7	0.98	0.09	91,91,91,91	0
89	OHX	5	3975	7/7	0.98	0.12	110,110,110,110	0
88	MG	1	3808	1/1	0.98	0.07	70,70,70,70	0
89	OHX	4	223	7/7	0.98	0.08	142,142,142,142	0
89	OHX	2	2051	7/7	0.98	0.08	123,123,123,123	0
89	OHX	5	3980	7/7	0.98	0.10	110,110,110,110	0
88	MG	1	3572	1/1	0.98	0.19	6,6,6,6	0
89	OHX	5	3982	7/7	0.98	0.12	121,121,121,121	0
88	MG	5	3531	1/1	0.98	0.14	16,16,16,16	0
88	MG	1	3573	1/1	0.98	0.06	3,3,3,3	0
89	OHX	5	4202	7/7	0.98	0.11	143,143,143,143	0
88	MG	5	3534	1/1	0.98	0.16	27,27,27,27	0
89	OHX	5	3987	7/7	0.98	0.09	123,123,123,123	0
89	OHX	5	3988	7/7	0.98	0.14	105,105,105,105	0
89	OHX	C8	202	7/7	0.98	0.09	116,116,116,116	0
88	MG	1	3528	1/1	0.98	0.18	15,15,15,15	0
88	MG	5	3743	1/1	0.98	0.05	29,29,29,29	0
89	OHX	2	2058	7/7	0.98	0.10	137,137,137,137	0
89	OHX	5	3995	7/7	0.98	0.11	122,122,122,122	0
89	OHX	1	3904	7/7	0.98	0.12	97,97,97,97	0
88	MG	5	3450	1/1	0.98	0.10	7,7,7,7	0
89	OHX	1	3909	7/7	0.98	0.11	97,97,97,97	0
89	OHX	1	3915	7/7	0.98	0.11	98,98,98,98	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	4000	7/7	0.98	0.10	121,121,121,121	0
88	MG	5	3745	1/1	0.98	0.07	0,0,0,0	0
89	OHX	2	2061	7/7	0.98	0.10	145,145,145,145	0
89	OHX	1	3924	7/7	0.98	0.10	107,107,107,107	0
89	OHX	1	3925	7/7	0.98	0.11	102,102,102,102	0
89	OHX	1	3926	7/7	0.98	0.10	99,99,99,99	0
89	OHX	5	4007	7/7	0.98	0.10	138,138,138,138	0
88	MG	1	3766	1/1	0.98	0.10	40,40,40,40	0
88	MG	5	3538	1/1	0.98	0.24	22,22,22,22	0
89	OHX	5	4011	7/7	0.98	0.11	122,122,122,122	0
89	OHX	1	3932	7/7	0.98	0.12	102,102,102,102	0
89	OHX	1	3933	7/7	0.98	0.10	93,93,93,93	0
89	OHX	O7	104	7/7	0.98	0.09	126,126,126,126	0
89	OHX	6	2056	7/7	0.98	0.11	94,94,94,94	0
89	OHX	1	3934	7/7	0.98	0.12	92,92,92,92	0
89	OHX	6	2062	7/7	0.98	0.10	106,106,106,106	0
89	OHX	6	2063	7/7	0.98	0.12	100,100,100,100	0
89	OHX	6	2064	7/7	0.98	0.10	127,127,127,127	0
89	OHX	6	2065	7/7	0.98	0.13	104,104,104,104	0
89	OHX	6	2066	7/7	0.98	0.10	111,111,111,111	0
89	OHX	1	3935	7/7	0.98	0.11	105,105,105,105	0
89	OHX	6	2069	7/7	0.98	0.13	107,107,107,107	0
89	OHX	6	2070	7/7	0.98	0.09	126,126,126,126	0
88	MG	1	3529	1/1	0.98	0.12	3,3,3,3	0
89	OHX	6	2073	7/7	0.98	0.11	123,123,123,123	0
89	OHX	1	3938	7/7	0.98	0.10	115,115,115,115	0
89	OHX	1	3939	7/7	0.98	0.12	108,108,108,108	0
89	OHX	6	2076	7/7	0.98	0.10	125,125,125,125	0
89	OHX	6	2077	7/7	0.98	0.10	121,121,121,121	0
88	MG	5	3749	1/1	0.98	0.14	8,8,8,8	0
89	OHX	6	2079	7/7	0.98	0.09	112,112,112,112	0
88	MG	5	3453	1/1	0.98	0.18	17,17,17,17	0
88	MG	1	3420	1/1	0.98	0.10	35,35,35,35	0
88	MG	5	3542	1/1	0.98	0.14	0,0,0,0	0
89	OHX	5	4036	7/7	0.98	0.10	135,135,135,135	0
88	MG	1	3817	1/1	0.98	0.11	37,37,37,37	0
89	OHX	6	2084	7/7	0.98	0.10	129,129,129,129	0
88	MG	1	3552	1/1	0.98	0.14	19,19,19,19	0
88	MG	5	3756	1/1	0.98	0.15	37,37,37,37	0
89	OHX	5	4041	7/7	0.98	0.10	135,135,135,135	0
88	MG	2	1922	1/1	0.98	0.18	31,31,31,31	0
89	OHX	1	3950	7/7	0.98	0.11	111,111,111,111	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	1	3951	7/7	0.98	0.11	111,111,111,111	0
89	OHX	6	2090	7/7	0.98	0.10	135,135,135,135	0
89	OHX	1	3952	7/7	0.98	0.09	124,124,124,124	0
89	OHX	7	218	7/7	0.98	0.09	144,144,144,144	0
89	OHX	7	219	7/7	0.98	0.11	128,128,128,128	0
89	OHX	7	220	7/7	0.98	0.10	128,128,128,128	0
89	OHX	5	4047	7/7	0.98	0.09	147,147,147,147	0
89	OHX	1	3953	7/7	0.98	0.10	114,114,114,114	0
89	OHX	1	3954	7/7	0.98	0.10	112,112,112,112	0
88	MG	1	3532	1/1	0.98	0.15	11,11,11,11	0
88	MG	5	3759	1/1	0.98	0.05	34,34,34,34	0
88	MG	6	2204	1/1	0.98	0.08	38,38,38,38	0
89	OHX	1	3958	7/7	0.98	0.09	127,127,127,127	0
88	MG	1	3582	1/1	0.98	0.18	11,11,11,11	0
89	OHX	6	2099	7/7	0.98	0.10	135,135,135,135	0
88	MG	1	3618	1/1	0.98	0.11	17,17,17,17	0
89	OHX	1	3961	7/7	0.98	0.14	112,112,112,112	0
88	MG	5	3463	1/1	0.98	0.15	6,6,6,6	0
88	MG	1	3731	1/1	0.98	0.03	32,32,32,32	0
88	MG	1	3513	1/1	0.98	0.17	19,19,19,19	0
89	OHX	1	3965	7/7	0.98	0.11	104,104,104,104	0
89	OHX	1	3966	7/7	0.98	0.11	108,108,108,108	0
89	OHX	6	2107	7/7	0.98	0.07	143,143,143,143	0
89	OHX	1	3967	7/7	0.98	0.12	124,124,124,124	0
89	OHX	1	3968	7/7	0.98	0.12	110,110,110,110	0
89	OHX	13	405	7/7	0.98	0.09	126,126,126,126	0
89	OHX	1	3969	7/7	0.98	0.09	120,120,120,120	0
89	OHX	1	3970	7/7	0.98	0.09	140,140,140,140	0
88	MG	1	3825	1/1	0.98	0.05	32,32,32,32	0
88	MG	1	3654	1/1	0.98	0.03	29,29,29,29	0
88	MG	1	3410	1/1	0.98	0.10	10,10,10,10	0
89	OHX	1	3975	7/7	0.98	0.10	125,125,125,125	0
88	MG	1	3694	1/1	0.98	0.09	27,27,27,27	0
88	MG	6	1931	1/1	0.98	0.17	29,29,29,29	0
88	MG	M5	303	1/1	0.98	0.20	39,39,39,39	0
88	MG	5	3560	1/1	0.98	0.13	27,27,27,27	0
89	OHX	1	3980	7/7	0.98	0.10	118,118,118,118	0
88	MG	5	3472	1/1	0.98	0.13	7,7,7,7	0
88	MG	M5	304	1/1	0.98	0.20	40,40,40,40	0
89	OHX	5	4080	7/7	0.98	0.12	141,141,141,141	0
89	OHX	m6	203	7/7	0.98	0.12	117,117,117,117	0
88	MG	1	3416	1/1	0.98	0.04	20,20,20,20	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	5	3565	1/1	0.98	0.26	19,19,19,19	0
89	OHX	o7	502	7/7	0.98	0.10	123,123,123,123	0
89	OHX	q2	502	7/7	0.98	0.11	138,138,138,138	0
88	MG	5	3778	1/1	0.98	0.06	31,31,31,31	0
89	OHX	1	3986	7/7	0.98	0.10	155,155,155,155	0
88	MG	1	3586	1/1	0.98	0.14	10,10,10,10	0
88	MG	7	201	1/1	0.98	0.16	9,9,9,9	0
88	MG	5	3567	1/1	0.98	0.10	9,9,9,9	0
88	MG	5	3402	1/1	0.98	0.07	3,3,3,3	0
89	OHX	5	3956	7/7	0.99	0.09	102,102,102,102	0
88	MG	6	1996	1/1	0.99	0.04	24,24,24,24	0
88	MG	1	3769	1/1	0.99	0.15	38,38,38,38	0
89	OHX	5	3959	7/7	0.99	0.08	95,95,95,95	0
88	MG	5	3519	1/1	0.99	0.08	13,13,13,13	0
89	OHX	5	3961	7/7	0.99	0.09	78,78,78,78	0
88	MG	5	3752	1/1	0.99	0.11	41,41,41,41	0
88	MG	1	3601	1/1	0.99	0.13	1,1,1,1	0
89	OHX	5	3964	7/7	0.99	0.08	100,100,100,100	0
88	MG	5	3521	1/1	0.99	0.12	1,1,1,1	0
88	MG	5	3703	1/1	0.99	0.02	16,16,16,16	0
89	OHX	5	3967	7/7	0.99	0.08	98,98,98,98	0
88	MG	5	3564	1/1	0.99	0.21	9,9,9,9	0
88	MG	1	3749	1/1	0.99	0.06	4,4,4,4	0
89	OHX	5	3970	7/7	0.99	0.08	97,97,97,97	0
88	MG	5	3877	1/1	0.99	0.20	16,16,16,16	0
89	OHX	5	3972	7/7	0.99	0.09	103,103,103,103	0
89	OHX	5	3973	7/7	0.99	0.08	99,99,99,99	0
88	MG	1	3659	1/1	0.99	0.09	5,5,5,5	0
88	MG	1	3644	1/1	0.99	0.04	17,17,17,17	0
88	MG	5	3814	1/1	0.99	0.09	36,36,36,36	0
88	MG	5	3612	1/1	0.99	0.10	18,18,18,18	0
89	OHX	5	3978	7/7	0.99	0.08	108,108,108,108	0
88	MG	5	3660	1/1	0.99	0.17	41,41,41,41	0
88	MG	5	3883	1/1	0.99	0.16	34,34,34,34	0
88	MG	6	1913	1/1	0.99	0.18	24,24,24,24	0
88	MG	5	3763	1/1	0.99	0.04	20,20,20,20	0
88	MG	1	3441	1/1	0.99	0.26	30,30,30,30	0
89	OHX	5	3984	7/7	0.99	0.09	96,96,96,96	0
88	MG	5	3615	1/1	0.99	0.02	19,19,19,19	0
88	MG	5	3821	1/1	0.99	0.04	58,58,58,58	0
88	MG	5	3713	1/1	0.99	0.06	35,35,35,35	0
88	MG	1	3695	1/1	0.99	0.13	27,27,27,27	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	3989	7/7	0.99	0.09	119,119,119,119	0
88	MG	1	3481	1/1	0.99	0.02	20,20,20,20	0
88	MG	1	3679	1/1	0.99	0.04	33,33,33,33	0
88	MG	5	3619	1/1	0.99	0.12	21,21,21,21	0
89	OHX	5	3993	7/7	0.99	0.10	119,119,119,119	0
88	MG	1	3716	1/1	0.99	0.09	41,41,41,41	0
89	OHX	1	3974	7/7	0.99	0.09	89,89,89,89	0
88	MG	1	3490	1/1	0.99	0.05	5,5,5,5	0
88	MG	5	3533	1/1	0.99	0.17	1,1,1,1	0
88	MG	2	1919	1/1	0.99	0.15	25,25,25,25	0
88	MG	5	3832	1/1	0.99	0.05	45,45,45,45	0
88	MG	5	3457	1/1	0.99	0.17	18,18,18,18	0
88	MG	6	2010	1/1	0.99	0.04	45,45,45,45	0
88	MG	5	3835	1/1	0.99	0.10	28,28,28,28	0
89	OHX	5	4003	7/7	0.99	0.09	129,129,129,129	0
88	MG	1	3564	1/1	0.99	0.21	15,15,15,15	0
88	MG	1	3607	1/1	0.99	0.03	15,15,15,15	0
88	MG	5	3838	1/1	0.99	0.07	68,68,68,68	0
88	MG	q0	202	1/1	0.99	0.07	38,38,38,38	0
88	MG	6	2013	1/1	0.99	0.03	25,25,25,25	0
88	MG	5	3840	1/1	0.99	0.12	26,26,26,26	0
89	OHX	5	4010	7/7	0.99	0.09	88,88,88,88	0
88	MG	1	3807	1/1	0.99	0.04	30,30,30,30	0
89	OHX	2	2023	7/7	0.99	0.11	75,75,75,75	0
89	OHX	2	2024	7/7	0.99	0.11	81,81,81,81	0
88	MG	5	3583	1/1	0.99	0.20	17,17,17,17	0
89	OHX	2	2026	7/7	0.99	0.09	89,89,89,89	0
89	OHX	2	2028	7/7	0.99	0.09	99,99,99,99	0
88	MG	5	3843	1/1	0.99	0.07	44,44,44,44	0
88	MG	5	3729	1/1	0.99	0.14	43,43,43,43	0
88	MG	1	3540	1/1	0.99	0.30	19,19,19,19	0
89	OHX	2	2032	7/7	0.99	0.09	106,106,106,106	0
88	MG	1	3809	1/1	0.99	0.10	65,65,65,65	0
89	OHX	2	2034	7/7	0.99	0.10	99,99,99,99	0
88	MG	5	3586	1/1	0.99	0.22	10,10,10,10	0
89	OHX	1	3877	7/7	0.99	0.11	55,55,55,55	0
89	OHX	1	3879	7/7	0.99	0.11	59,59,59,59	0
89	OHX	1	3880	7/7	0.99	0.08	52,52,52,52	0
89	OHX	1	3881	7/7	0.99	0.09	63,63,63,63	0
89	OHX	1	3882	7/7	0.99	0.11	59,59,59,59	0
89	OHX	1	3883	7/7	0.99	0.10	62,62,62,62	0
89	OHX	1	3887	7/7	0.99	0.08	66,66,66,66	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	4	220	7/7	0.99	0.11	62,62,62,62	0
89	OHX	4	221	7/7	0.99	0.09	86,86,86,86	0
89	OHX	1	3888	7/7	0.99	0.10	63,63,63,63	0
89	OHX	1	3889	7/7	0.99	0.07	77,77,77,77	0
89	OHX	1	3890	7/7	0.99	0.10	76,76,76,76	0
89	OHX	1	3891	7/7	0.99	0.12	71,71,71,71	0
89	OHX	1	3893	7/7	0.99	0.10	74,74,74,74	0
89	OHX	1	3894	7/7	0.99	0.09	72,72,72,72	0
89	OHX	1	3896	7/7	0.99	0.08	74,74,74,74	0
89	OHX	1	3899	7/7	0.99	0.10	73,73,73,73	0
89	OHX	1	3900	7/7	0.99	0.09	78,78,78,78	0
89	OHX	1	3902	7/7	0.99	0.07	72,72,72,72	0
89	OHX	1	3903	7/7	0.99	0.09	82,82,82,82	0
89	OHX	2	2036	7/7	0.99	0.09	105,105,105,105	0
88	MG	5	3428	1/1	0.99	0.10	5,5,5,5	0
89	OHX	1	3906	7/7	0.99	0.11	81,81,81,81	0
89	OHX	1	3907	7/7	0.99	0.07	78,78,78,78	0
89	OHX	1	3908	7/7	0.99	0.11	83,83,83,83	0
88	MG	6	2017	1/1	0.99	0.03	52,52,52,52	0
89	OHX	1	3910	7/7	0.99	0.09	79,79,79,79	0
89	OHX	1	3911	7/7	0.99	0.08	83,83,83,83	0
89	OHX	1	3912	7/7	0.99	0.08	82,82,82,82	0
89	OHX	1	3913	7/7	0.99	0.10	89,89,89,89	0
89	OHX	1	3914	7/7	0.99	0.09	91,91,91,91	0
89	OHX	N9	101	7/7	0.99	0.11	67,67,67,67	0
88	MG	1	3596	1/1	0.99	0.04	25,25,25,25	0
89	OHX	5	4057	7/7	0.99	0.08	135,135,135,135	0
89	OHX	1	3916	7/7	0.99	0.09	88,88,88,88	0
89	OHX	1	3917	7/7	0.99	0.09	92,92,92,92	0
89	OHX	6	2045	7/7	0.99	0.11	67,67,67,67	0
89	OHX	6	2047	7/7	0.99	0.08	66,66,66,66	0
89	OHX	6	2048	7/7	0.99	0.10	70,70,70,70	0
89	OHX	6	2049	7/7	0.99	0.10	74,74,74,74	0
89	OHX	6	2050	7/7	0.99	0.10	70,70,70,70	0
89	OHX	6	2051	7/7	0.99	0.12	79,79,79,79	0
89	OHX	6	2052	7/7	0.99	0.11	83,83,83,83	0
89	OHX	6	2055	7/7	0.99	0.09	92,92,92,92	0
89	OHX	1	3918	7/7	0.99	0.07	80,80,80,80	0
89	OHX	6	2057	7/7	0.99	0.07	92,92,92,92	0
89	OHX	6	2058	7/7	0.99	0.08	86,86,86,86	0
89	OHX	6	2059	7/7	0.99	0.09	94,94,94,94	0
89	OHX	6	2060	7/7	0.99	0.08	88,88,88,88	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3512	1/1	0.99	0.12	13,13,13,13	0
88	MG	5	3790	1/1	0.99	0.06	37,37,37,37	0
89	OHX	1	3921	7/7	0.99	0.08	93,93,93,93	0
89	OHX	1	3922	7/7	0.99	0.09	99,99,99,99	0
89	OHX	1	3923	7/7	0.99	0.10	97,97,97,97	0
89	OHX	2	2042	7/7	0.99	0.09	108,108,108,108	0
89	OHX	6	2067	7/7	0.99	0.10	95,95,95,95	0
88	MG	5	3547	1/1	0.99	0.10	11,11,11,11	0
89	OHX	2	2044	7/7	0.99	0.08	121,121,121,121	0
89	OHX	7	215	7/7	0.99	0.11	89,89,89,89	0
89	OHX	1	3927	7/7	0.99	0.10	95,95,95,95	0
89	OHX	s1	302	7/7	0.99	0.09	78,78,78,78	0
89	OHX	1	3928	7/7	0.99	0.09	96,96,96,96	0
89	OHX	6	2072	7/7	0.99	0.08	108,108,108,108	0
88	MG	1	3611	1/1	0.99	0.18	26,26,26,26	0
88	MG	1	3576	1/1	0.99	0.12	0,0,0,0	0
89	OHX	1	3931	7/7	0.99	0.08	96,96,96,96	0
89	OHX	2	2047	7/7	0.99	0.07	135,135,135,135	0
88	MG	6	1901	1/1	0.99	0.18	18,18,18,18	0
88	MG	6	2023	1/1	0.99	0.03	61,61,61,61	0
88	MG	1	3428	1/1	0.99	0.10	18,18,18,18	0
89	OHX	5	3904	7/7	0.99	0.11	50,50,50,50	0
89	OHX	5	3907	7/7	0.99	0.11	64,64,64,64	0
89	OHX	5	3909	7/7	0.99	0.10	54,54,54,54	0
89	OHX	5	3911	7/7	0.99	0.12	64,64,64,64	0
89	OHX	5	3912	7/7	0.99	0.08	64,64,64,64	0
89	OHX	5	3913	7/7	0.99	0.08	62,62,62,62	0
89	OHX	5	3914	7/7	0.99	0.09	58,58,58,58	0
89	OHX	5	3916	7/7	0.99	0.11	67,67,67,67	0
89	OHX	5	3920	7/7	0.99	0.07	70,70,70,70	0
89	OHX	5	3922	7/7	0.99	0.07	63,63,63,63	0
89	OHX	5	3925	7/7	0.99	0.09	70,70,70,70	0
89	OHX	5	3926	7/7	0.99	0.08	72,72,72,72	0
89	OHX	5	3927	7/7	0.99	0.07	70,70,70,70	0
89	OHX	1	3936	7/7	0.99	0.09	103,103,103,103	0
89	OHX	5	3929	7/7	0.99	0.07	81,81,81,81	0
89	OHX	5	3930	7/7	0.99	0.08	82,82,82,82	0
88	MG	1	3815	1/1	0.99	0.07	59,59,59,59	0
89	OHX	5	3933	7/7	0.99	0.10	82,82,82,82	0
89	OHX	5	3934	7/7	0.99	0.11	83,83,83,83	0
89	OHX	5	3936	7/7	0.99	0.08	87,87,87,87	0
89	OHX	5	3937	7/7	0.99	0.07	83,83,83,83	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
89	OHX	5	3938	7/7	0.99	0.07	83,83,83,83	0
89	OHX	5	3939	7/7	0.99	0.09	78,78,78,78	0
89	OHX	5	3940	7/7	0.99	0.07	81,81,81,81	0
89	OHX	5	3941	7/7	0.99	0.08	92,92,92,92	0
88	MG	1	3746	1/1	0.99	0.03	32,32,32,32	0
88	MG	1	3844	1/1	0.99	0.12	7,7,7,7	0
89	OHX	5	3944	7/7	0.99	0.09	93,93,93,93	0
89	OHX	5	3945	7/7	0.99	0.12	88,88,88,88	0
89	OHX	n3	203	7/7	0.99	0.08	92,92,92,92	0
89	OHX	1	3940	7/7	0.99	0.08	94,94,94,94	0
89	OHX	n9	101	7/7	0.99	0.10	70,70,70,70	0
89	OHX	5	3947	7/7	0.99	0.06	80,80,80,80	0
88	MG	1	3790	1/1	0.99	0.14	48,48,48,48	0
89	OHX	1	3942	7/7	0.99	0.09	107,107,107,107	0
89	OHX	5	3950	7/7	0.99	0.11	105,105,105,105	0
88	MG	5	3865	1/1	0.99	0.08	35,35,35,35	0
88	MG	1	3514	1/1	0.99	0.21	9,9,9,9	0
88	MG	5	3442	1/1	0.99	0.13	20,20,20,20	0
88	MG	8	215	1/1	0.99	0.03	50,50,50,50	0
89	OHX	5	3955	7/7	0.99	0.09	95,95,95,95	0
89	OHX	5	3935	7/7	1.00	0.07	82,82,82,82	0
88	MG	M5	301	1/1	1.00	0.09	20,20,20,20	0
89	OHX	6	2053	7/7	1.00	0.09	73,73,73,73	0
89	OHX	6	2054	7/7	1.00	0.08	80,80,80,80	0
88	MG	1	3834	1/1	1.00	0.04	20,20,20,20	0
89	OHX	1	3884	7/7	1.00	0.08	63,63,63,63	0
89	OHX	8	218	7/7	1.00	0.10	59,59,59,59	0
89	OHX	1	3885	7/7	1.00	0.07	53,53,53,53	0
89	OHX	1	3886	7/7	1.00	0.07	65,65,65,65	0
88	MG	1	3578	1/1	1.00	0.14	0,0,0,0	0
88	MG	5	3826	1/1	1.00	0.05	5,5,5,5	0
89	OHX	2	2027	7/7	1.00	0.08	81,81,81,81	0
88	MG	5	3529	1/1	1.00	0.20	17,17,17,17	0
89	OHX	5	3900	7/7	1.00	0.09	43,43,43,43	0
89	OHX	5	3901	7/7	1.00	0.09	41,41,41,41	0
89	OHX	5	3902	7/7	1.00	0.09	43,43,43,43	0
89	OHX	5	3903	7/7	1.00	0.08	50,50,50,50	0
88	MG	2	1964	1/1	1.00	0.03	34,34,34,34	0
89	OHX	5	3905	7/7	1.00	0.11	51,51,51,51	0
89	OHX	5	3906	7/7	1.00	0.08	57,57,57,57	0
89	OHX	1	3892	7/7	1.00	0.07	68,68,68,68	0
89	OHX	5	3908	7/7	1.00	0.10	61,61,61,61	0

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Mol	Type	Chain	Res	Atoms	RSCC	RSR	B-factors($\text{\AA}^2$)	Q<0.9
88	MG	1	3796	1/1	1.00	0.02	13,13,13,13	0
89	OHX	5	3910	7/7	1.00	0.08	49,49,49,49	0
88	MG	6	1940	1/1	1.00	0.08	17,17,17,17	0
89	OHX	1	3895	7/7	1.00	0.09	76,76,76,76	0
89	OHX	1	3873	7/7	1.00	0.10	43,43,43,43	0
89	OHX	1	3897	7/7	1.00	0.09	75,75,75,75	0
89	OHX	5	3915	7/7	1.00	0.08	62,62,62,62	0
89	OHX	1	3898	7/7	1.00	0.07	74,74,74,74	0
89	OHX	5	3917	7/7	1.00	0.09	70,70,70,70	0
89	OHX	5	3918	7/7	1.00	0.07	68,68,68,68	0
89	OHX	5	3919	7/7	1.00	0.07	65,65,65,65	0
89	OHX	1	3874	7/7	1.00	0.08	45,45,45,45	0
89	OHX	5	3921	7/7	1.00	0.08	68,68,68,68	0
89	OHX	1	3875	7/7	1.00	0.08	45,45,45,45	0
89	OHX	5	3923	7/7	1.00	0.08	60,60,60,60	0
89	OHX	5	3924	7/7	1.00	0.08	67,67,67,67	0
89	OHX	1	3901	7/7	1.00	0.07	75,75,75,75	0
89	OHX	6	2044	7/7	1.00	0.11	55,55,55,55	0
89	OHX	1	3876	7/7	1.00	0.09	52,52,52,52	0
89	OHX	6	2046	7/7	1.00	0.09	60,60,60,60	0
90	ZN	D6	500	1/1	1.00	0.01	77,77,77,77	0
88	MG	5	3862	1/1	1.00	0.03	22,22,22,22	0
90	ZN	D9	101	1/1	1.00	0.03	66,66,66,66	0
89	OHX	1	3878	7/7	1.00	0.08	52,52,52,52	0
90	ZN	O7	101	1/1	1.00	0.02	33,33,33,33	0
90	ZN	Q0	500	1/1	1.00	0.02	44,44,44,44	0
88	MG	s1	301	1/1	1.00	0.04	22,22,22,22	0
90	ZN	Q3	501	1/1	1.00	0.02	61,61,61,61	0
90	ZN	d6	101	1/1	1.00	0.02	55,55,55,55	0
89	OHX	5	3932	7/7	1.00	0.08	71,71,71,71	0
90	ZN	d9	101	1/1	1.00	0.01	61,61,61,61	0
88	MG	2	2001	1/1	1.00	0.05	33,33,33,33	0
90	ZN	o7	501	1/1	1.00	0.01	40,40,40,40	0
90	ZN	q0	201	1/1	1.00	0.01	41,41,41,41	0
88	MG	5	3853	1/1	1.00	0.03	2,2,2,2	0
90	ZN	q3	501	1/1	1.00	0.01	65,65,65,65	0

5.5 Other polymers

There are no such residues in this entry.