



wwPDB X-ray Structure Validation Summary Report ⓘ

Mar 30, 2026 – 06:37 PM UTC

PDB ID : 5DAT / pdb_00005dat
Title : Complex of yeast 80S ribosome with hypusine-containing eIF5A
Authors : Melnikov, S.; Mailliot, J.; Shin, B.-S.; Rigger, L.; Yusupova, G.; Micura, R.;
Dever, T.E.; Yusupov, M.
Deposited on : 2015-08-20
Resolution : 3.15 Å(reported)

This is a wwPDB X-ray Structure Validation Summary 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 |

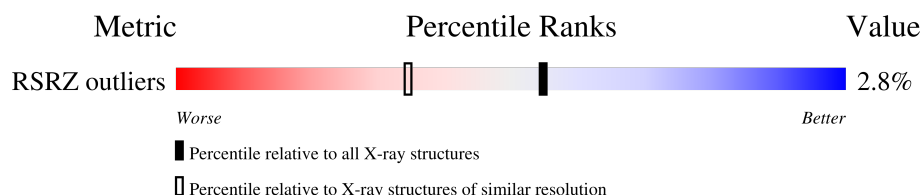
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.15 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)) |
|---------------|-----------------------------|---|
| RSRZ outliers | 180081 | 2361 (3.20-3.12) |

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 |
|-----|------|-------|------|-----------|----------|---------|------------------|
| 87 | MG | 2 | 1931 | - | - | - | X |
| 87 | MG | 2 | 1945 | - | - | - | X |
| 87 | MG | 2 | 1959 | - | - | - | X |
| 87 | MG | 2 | 1970 | - | - | - | X |
| 87 | MG | 2 | 1973 | - | - | - | X |
| 87 | MG | 2 | 1977 | - | - | - | X |
| 87 | MG | 5 | 3621 | - | - | - | X |
| 87 | MG | 5 | 3623 | - | - | - | X |
| 87 | MG | 6 | 1934 | - | - | - | X |
| 87 | MG | 6 | 1938 | - | - | - | X |
| 87 | MG | 6 | 2007 | - | - | - | X |
| 87 | MG | O7 | 102 | - | - | - | X |

2 Entry composition

There are 90 unique types of molecules in this entry. The entry contains 414393 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 | 1781 | Total | C | N | O | P | 0 | 1 | 0 |
| | | | 37970 | 16975 | 6720 | 12493 | 1782 | | | |
| 1 | 6 | 1795 | Total | C | N | O | P | 0 | 1 | 0 |
| | | | 38260 | 17105 | 6763 | 12596 | 1796 | | | |

- 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 | S | 0 | 0 | 0 |
| | | | 1481 | 951 | 265 | 265 | | | | |
| 9 | s7 | 186 | Total | C | N | O | S | 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 |
| | | | 772 | 499 | 126 | 145 | 2 | | | |
| 12 | c0 | 96 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 761 | 490 | 125 | 144 | 2 | | | |

- 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 |
| | | | 1213 | 774 | 230 | 206 | 3 | | | |
| 13 | c1 | 146 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1168 | 747 | 221 | 197 | 3 | | | |

- 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 |
| | | | 890 | 560 | 156 | 172 | 2 | | | |
| 14 | c2 | 124 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 890 | 560 | 156 | 172 | 2 | | | |

- 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 | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|----|---|---------|---------|-------|
| 32 | E0 | 60 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 475 | 299 | 98 | 77 | 1 | | | |
| 32 | e0 | 62 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 491 | 309 | 101 | 80 | 1 | | | |

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|----|---|---------|---------|-------|
| 33 | E1 | 71 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 566 | 362 | 106 | 94 | 4 | | | |
| 33 | e1 | 76 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 608 | 388 | 117 | 99 | 4 | | | |

- 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 |
| | | | 2437 | 1541 | 418 | 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 |
| | | | 679 | 402 | 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 | 3169 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 67780 | 30276 | 12216 | 22120 | 3168 | | | |

- 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 | | | |

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---|---------|---------|-------|
| 40 | L3 | 386 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 3075 | 1950 | 584 | 533 | 8 | | | |
| 40 | l3 | 386 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 3075 | 1950 | 584 | 533 | 8 | | | |

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

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---|---------|---------|-------|
| 44 | L7 | 222 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1784 | 1151 | 324 | 308 | 1 | | | |
| 44 | 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 | S | 0 | 0 | 0 |
| | | | 1543 | 962 | 315 | 266 | | | | |
| 49 | m3 | 194 | Total | C | N | O | S | 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 | 204 | Total | C | N | O | S | 0 | 0 | 1 |
| | | | 1720 | 1077 | 361 | 281 | 1 | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|-----------|------------|
| M5 | 170 | LYS | - | insertion | UNP P05748 |

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

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

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

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 56 | N0 | 172 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1445 | 930 | 267 | 244 | 4 | | | |
| 56 | n0 | 172 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1445 | 930 | 267 | 244 | 4 | | | |

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

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

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

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 58 | N2 | 100 | Total | C | N | O | 0 | 0 | 0 |
| | | | 796 | 516 | 131 | 149 | | | |

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| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 58 | n2 | 98 | Total | C | N | O | 0 | 0 | 0 |
| | | | 778 | 505 | 127 | 146 | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Molecule 70 is a protein called 60S ribosomal protein L34-A (eL34).

| 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 | | | |
| 72 | o6 | 99 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 770 | 481 | 156 | 131 | 2 | | | |

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

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

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

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 74 | O8 | 77 | Total | C | N | O | 0 | 0 | 0 |
| | | | 612 | 391 | 115 | 106 | | | |

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| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 74 | o8 | 77 | Total | C | N | O | 0 | 0 | 0 |
| | | | 608 | 388 | 114 | 106 | | | |

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---|---------|---------|-------|
| 75 | O9 | 50 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 436 | 272 | 97 | 65 | 2 | | | |
| 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 S22-A.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 80 | d2 | 130 | Total | C | N | O | S | 0 | 0 | 1 |
| | | | 1021 | 650 | 188 | 180 | 3 | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|-----------|------------|
| d2 | 47 | TYR | - | insertion | UNP P0C0W1 |

- Molecule 81 is a protein called 60S ribosomal protein L12-A (uL11).

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 81 | m2 | 150 | Total | C | N | O | 0 | 0 | 0 |
| | | | 750 | 450 | 150 | 150 | | | |

- Molecule 82 is a protein called 60S ribosomal protein L15-A.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---|---------|---------|-------|
| 82 | m5 | 203 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1720 | 1077 | 361 | 281 | 1 | | | |

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

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

- Molecule 84 is a protein called 60S ribosomal protein P1 alpha/P2 beta.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 84 | p1 | 47 | Total | C | N | O | 0 | 0 | 0 |
| | | | 235 | 141 | 47 | 47 | | | |
| 84 | p2 | 46 | Total | C | N | O | 0 | 0 | 0 |
| | | | 230 | 138 | 46 | 46 | | | |

- Molecule 85 is a protein called Eukaryotic translation initiation factor 5A-1.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 85 | f | 148 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1122 | 696 | 189 | 228 | 9 | | | |

- Molecule 86 is a protein called 60S ribosomal protein L1-A (uL1).

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 86 | l1 | 213 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1063 | 637 | 213 | 213 | | | |

- Molecule 87 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|-------|-----|---------|---------|
| 87 | 2 | 96 | Total | Mg | 0 | 0 |
| | | | 96 | 96 | | |
| 87 | S4 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | S9 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | D4 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | D9 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | SM | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | 1 | 362 | Total | Mg | 0 | 0 |
| | | | 362 | 362 | | |
| 87 | 3 | 9 | Total | Mg | 0 | 0 |
| | | | 9 | 9 | | |
| 87 | 4 | 20 | Total | Mg | 0 | 0 |
| | | | 20 | 20 | | |
| 87 | L2 | 2 | Total | Mg | 0 | 0 |
| | | | 2 | 2 | | |
| 87 | L3 | 3 | Total | Mg | 0 | 0 |
| | | | 3 | 3 | | |
| 87 | L6 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | L7 | 3 | Total | Mg | 0 | 0 |
| | | | 3 | 3 | | |
| 87 | M0 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | M3 | 2 | Total | Mg | 0 | 0 |
| | | | 2 | 2 | | |
| 87 | M6 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 87 | M7 | 3 | Total | Mg | 0 | 0 |
| | | | 3 | 3 | | |
| 87 | M8 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |

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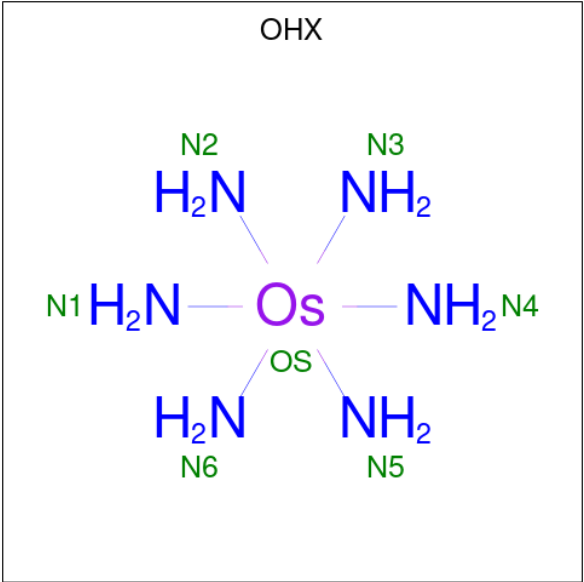
| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|--------------|-----------|---------|---------|
| 87 | N0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | N3 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 87 | N6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | N8 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 87 | N9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | O2 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | O3 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 87 | O4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | O7 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 87 | Q0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | Q2 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | 6 | 115 | Total 115 | Mg 115 | 0 | 0 |
| 87 | s8 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | c7 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | d2 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | d3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | d6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | sM | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | 5 | 400 | Total 400 | Mg 400 | 0 | 0 |
| 87 | 7 | 16 | Total 16 | Mg 16 | 0 | 0 |
| 87 | 8 | 12 | Total 12 | Mg 12 | 0 | 0 |

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| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 87 | l2 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 87 | l3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | l5 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | l7 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | m0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | m3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | m6 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 87 | m7 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 87 | n0 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 87 | n3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | n6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | n8 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 87 | n9 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 87 | o2 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 87 | o4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | o9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | q0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | q1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 87 | f | 3 | Total 3 | Mg 3 | 0 | 0 |

- Molecule 88 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | S1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | S6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 88 | S8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | S9 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | C1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | C3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | C5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | C8 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | D9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | SR | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 2 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 2 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 1 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 1 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | L3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | L4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | L5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | M9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | N1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | N8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | N9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 88 | O3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | O7 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | O7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | O9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | Q2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | s1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | s4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | s8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | s9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | c3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | c5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | c8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | sR | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 88 | 5 | 1 | Total 7 | N 6 | Os 1 | 1 | 0 |
| 88 | 5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
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| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 2 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 5 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 13 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 13 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 13 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | 14 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 88 | l4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | l5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | l5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | l9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | m9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | n3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | n6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | n9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | o3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | o7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | o9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | q1 | 1 | Total | N | Os | 1 | 0 |
| | | | 7 | 6 | 1 | | |
| 88 | q2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

- Molecule 89 is ZINC ION (CCD ID: ZN) (formula: Zn).

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|-------|----|---------|---------|
| 89 | D6 | 1 | Total | Zn | 0 | 0 |
| | | | 1 | 1 | | |

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| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 89 | D7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | D9 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | E1 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | O7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | Q0 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | Q2 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | Q3 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | d6 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | d7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | d9 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | e1 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | o7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | q0 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | q2 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 89 | q3 | 1 | Total 1 | Zn 1 | 0 | 0 |

- Molecule 90 is water.

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|
| 90 | 5 | 3 | Total 3 | O 3 | 0 | 0 |
| 90 | f | 9 | Total 9 | O 9 | 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 | 435.63Å 286.45Å 303.41Å 90.00° 98.85° 90.00° | Depositor |
| Resolution (Å) | 189.16 – 3.15 189.16 – 3.15 | Depositor EDS |
| % Data completeness (in resolution range) | 99.8 (189.16-3.15) 99.8 (189.16-3.15) | Depositor EDS |
| R_{merge} | 0.98 | Depositor |
| R_{sym} | (Not available) | Depositor |
| $\langle I/\sigma(I) \rangle$ ¹ | 1.36 (at 3.13Å) | Xtriage |
| Refinement program | PHENIX | Depositor |
| R, R_{free} | 0.204 , 0.252 0.206 , (Not available) | Depositor DCC |
| R_{free} test set | No test flags present. | wwPDB-VP |
| Wilson B-factor (Å ²) | 78.9 | Xtriage |
| Anisotropy | 0.130 | Xtriage |
| Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²) | 0.37 , 106.1 | EDS |
| L-test for twinning ² | $\langle L \rangle = 0.47$, $\langle L^2 \rangle = 0.30$ | Xtriage |
| Estimated twinning fraction | No twinning to report. | Xtriage |
| F_o, F_c correlation | 0.90 | EDS |
| Total number of atoms | 414393 | wwPDB-VP |
| Average B, all atoms (Å ²) | 77.0 | wwPDB-VP |

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.50% 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](#)

1 non-standard protein/DNA/RNA residue is modelled in this entry.

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 | $\# Z > 2$ |
| 85 | 5CT | f | 51 | 85 | 13,14,15 | 2.28 | 4 (30%) | 8,15,17 | 1.86 | 2 (25%) |

In the following table, the Chirals column lists the number of chiral outliers, the number of chiral centers analysed, the number of these observed in the model and the number defined in the

Chemical Component Dictionary. Similar counts are reported in the Torsion and Rings columns. '-' means no outliers of that kind were identified.

| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|-----|------|---------|------------|-------|
| 85 | 5CT | f | 51 | 85 | 1/1/2/4 | 7/13/14/16 | - |

All (4) bond length outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(Å) | Ideal(Å) |
|-----|-------|-----|------|-------|-------|-------------|----------|
| 85 | f | 51 | 5CT | O1-C2 | -6.56 | 1.24 | 1.43 |
| 85 | f | 51 | 5CT | C1-NZ | -3.16 | 1.41 | 1.47 |
| 85 | f | 51 | 5CT | C1-C2 | 2.33 | 1.57 | 1.52 |
| 85 | f | 51 | 5CT | CA-N | -2.12 | 1.42 | 1.48 |

All (2) bond angle outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(°) | Ideal(°) |
|-----|-------|-----|------|----------|------|-------------|----------|
| 85 | f | 51 | 5CT | O1-C2-C1 | 3.45 | 120.64 | 109.29 |
| 85 | f | 51 | 5CT | O1-C2-C3 | 3.39 | 118.39 | 109.35 |

All (1) chirality outliers are listed below:

| Mol | Chain | Res | Type | Atom |
|-----|-------|-----|------|------|
| 85 | f | 51 | 5CT | C2 |

5 of 7 torsion outliers are listed below:

| Mol | Chain | Res | Type | Atoms |
|-----|-------|-----|------|-------------|
| 85 | f | 51 | 5CT | C2-C3-C4-N1 |
| 85 | f | 51 | 5CT | CG-CD-CE-NZ |
| 85 | f | 51 | 5CT | NZ-C1-C2-C3 |
| 85 | f | 51 | 5CT | CE-CD-CG-CB |
| 85 | f | 51 | 5CT | CD-CE-NZ-C1 |

There are no ring outliers.

No monomer is involved in short contacts.

4.5 Carbohydrates [i](#)

There are no oligosaccharides in this entry.

4.6 Ligand geometry

Of 2290 ligands modelled in this entry, 1124 are monoatomic - leaving 1166 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 | $\# Z > 2$ |
| 88 | OHX | 1 | 3840 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1999 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4125 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4035 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2067 | 1 | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2008 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2120 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4066 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2019 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2100 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3980 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | s8 | 302 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3920 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4004 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3993 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3862 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3934 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3832 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2059 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3839 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3958 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4079 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3828 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | l5 | 302 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m0 | 302 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1997 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 216 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2102 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4034 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4099 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4067 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4122 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 6 | 2145 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4071 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4115 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3937 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3882 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3889 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M9 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3909 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3795 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2139 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4006 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M0 | 302 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M7 | 204 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4154 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3825 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2074 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4016 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4129 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3979 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4042 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2049 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4083 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2126 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3815 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2106 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3962 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4116 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4084 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4141 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2095 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3961 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3949 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2014 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3965 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3970 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3872 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2106 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4098 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4136 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3800 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4114 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3876 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2124 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3906 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 226 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3860 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4051 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2109 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3801 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2057 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3863 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2033 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3918 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | sR | 401 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3824 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4057 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2079 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3864 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3929 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4020 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2094 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3847 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4014 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2151 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3803 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3811 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3852 | 36 | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3910 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2086 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2084 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2032 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4032 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M8 | 202 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4059 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 14 | 401 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2088 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4043 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3876 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4085 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2088 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 223 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3956 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4087 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3953 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2133 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3796 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | C5 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2131 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4037 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3817 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3760 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2030 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1998 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 220 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3797 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3941 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3803 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3981 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | c5 | 800 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2123 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2183 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | s4 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3874 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4086 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3798 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 214 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 233 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3802 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2076 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4028 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2041 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3869 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3908 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3925 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 215 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4020 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3772 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2055 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3784 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3827 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2129 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3820 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2019 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2028 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2064 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2032 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3957 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 219 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2078 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 4080 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2052 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4017 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3804 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4011 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3952 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4095 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2043 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4027 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2044 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3805 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4062 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2077 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2012 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | c8 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3818 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2149 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4036 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4150 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2089 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2037 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2152 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2165 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4026 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3881 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4104 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3969 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3880 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3816 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3943 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2061 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4097 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3921 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2063 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3858 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2178 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3927 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2179 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3935 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3767 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3866 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4076 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 2 | 2098 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3786 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3807 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3860 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3919 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3922 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3987 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3913 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2026 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4152 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3899 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2002 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3835 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4008 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3877 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2082 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3785 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3984 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3849 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2038 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2132 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4033 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4102 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3915 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4038 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2021 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4046 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4072 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3855 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2072 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 227 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2006 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3962 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4091 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 213 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3926 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 14 | 402 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4042 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | L3 | 404 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3908 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m5 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2056 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3893 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 2 | 2150 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3841 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3849 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2065 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2129 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | l3 | 404 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M0 | 303 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3879 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3949 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3987 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4092 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 212 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4029 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2009 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2096 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m0 | 303 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4156 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3946 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4034 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 211 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2047 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2099 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3802 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4130 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3914 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2139 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4065 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3936 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2084 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4077 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4054 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4113 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3974 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 222 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3762 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2081 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4109 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3945 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4041 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4068 | 36 | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2034 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4117 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2022 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3999 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4055 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2017 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4085 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3864 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4087 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 15 | 303 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4153 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3842 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2036 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3848 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3933 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3857 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2113 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3971 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4005 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2113 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2182 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 216 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3858 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2068 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2117 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4021 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3782 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2078 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2015 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2010 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4095 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 224 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3815 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3946 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3844 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | L5 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | L4 | 401 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3880 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4075 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2018 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3859 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3898 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3887 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3928 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3868 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 223 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3830 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3966 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2081 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3913 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2166 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4090 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | N9 | 102 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3903 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4074 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2016 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4031 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2159 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2158 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2138 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3900 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3985 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2107 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3890 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3788 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3814 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3843 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3878 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3799 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3773 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3902 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2046 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2085 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3883 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 232 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3831 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4026 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2027 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3873 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3916 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2175 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 19 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 224 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2130 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3989 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3892 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 235 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4080 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 4158 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3810 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3812 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4049 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2177 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3985 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4076 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2051 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2184 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3904 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2072 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2037 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2162 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2031 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | s1 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3759 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4045 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3857 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2135 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4048 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3809 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4050 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4077 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4073 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3899 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2051 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4041 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M7 | 205 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2038 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3843 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2023 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3959 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3850 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3801 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3982 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3804 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3948 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3963 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | s9 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4061 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2047 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2098 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3972 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 4030 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2141 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2089 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2058 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2144 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3879 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3894 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2119 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2071 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4013 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4057 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2095 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3939 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3983 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3851 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4015 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4023 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4060 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2041 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2073 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4069 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4135 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3819 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | C1 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3826 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3811 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3869 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3850 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3845 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2070 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4037 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4012 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4019 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2097 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4003 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2034 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3836 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3838 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4030 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4047 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3783 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3944 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4142 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3870 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3807 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2168 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3939 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | q2 | 502 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2124 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3829 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3812 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4090 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 225 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2122 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4052 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3901 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4011 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4093 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3895 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 225 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3917 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3897 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 228 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2147 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2148 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2117 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4018 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4053 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4089 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3832 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3789 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3874 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4086 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 221 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3775 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3883 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3915 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4064 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2020 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4070 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2025 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | O3 | 203 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2100 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2123 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 210 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3821 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3966 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3834 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3922 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3765 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3950 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | n9 | 103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3823 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2137 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4053 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2050 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3856 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3840 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3885 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 214 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3794 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4032 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2134 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2005 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3967 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3973 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4099 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3816 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3927 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3842 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3940 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2085 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3964 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3770 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2054 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2142 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3886 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3924 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2132 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3968 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3877 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 219 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2121 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2143 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3761 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3950 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2115 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 209 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4155 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 2 | 2043 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3833 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3955 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4040 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2045 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2145 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3981 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2071 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2164 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2027 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3853 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4078 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4148 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3978 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3854 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2064 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3959 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3931 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4107 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4074 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3947 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2110 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3960 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3886 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4061 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2091 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4100 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4001 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3841 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3794 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3973 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3828 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3911 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3993 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4068 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4024 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 217 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3916 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2067 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4094 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2024 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3846 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3923 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 4006 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3810 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4121 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 231 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3891 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3902 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2094 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2118 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3942 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3988 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3764 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3882 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3889 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3954 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4067 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | C3 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2022 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3938 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3941 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4108 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3989 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3931 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 218 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3797 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2053 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2111 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2138 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2130 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2185 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2136 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | S9 | 202 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2029 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3912 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2141 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2160 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4138 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3827 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3996 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3997 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2127 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3944 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3912 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2174 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3918 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3975 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3954 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3894 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4111 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4088 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 224 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | n6 | 202 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4131 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3935 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3971 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3932 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2140 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4083 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3888 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2128 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3982 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3906 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4035 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 217 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4004 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2030 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4101 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2140 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4027 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3847 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2163 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4051 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4046 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4144 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4110 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2112 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2061 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3937 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3996 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4118 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2109 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 222 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2099 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3907 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3951 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 225 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2070 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3932 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2052 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3839 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4096 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3787 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3837 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2121 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3933 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3929 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3956 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3921 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3890 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2048 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2077 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | C8 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3813 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4016 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4002 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 217 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4010 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3897 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2090 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3896 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3817 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2059 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4014 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 227 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4081 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3995 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2033 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3991 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2147 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4029 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3969 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2049 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3900 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2111 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3965 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3768 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3780 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2068 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3979 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2075 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 4060 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3930 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4149 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | S8 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4018 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2080 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3914 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4098 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2021 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3955 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2086 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3776 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2092 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3820 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4022 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3853 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3961 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2080 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2143 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | n3 | 202 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3945 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3854 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3872 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 227 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4151 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 226 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2104 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2104 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 213 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3938 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3805 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3763 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3910 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4000 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3806 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4084 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2020 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4025 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4147 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4078 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3824 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4134 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2073 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3888 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3952 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4062 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2060 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2076 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4040 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3930 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4050 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2107 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 231 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3779 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 234 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4058 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2058 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | c3 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2119 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3818 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4104 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2120 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3861 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3963 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3867 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3943 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4065 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4159 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4100 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | l3 | 402 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | SR | 401 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3830 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3972 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2115 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 221 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3893 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2017 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2105 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4146 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4082 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3835 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2122 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3986 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3919 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3998 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2069 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 6 | 2142 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2118 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3837 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4038 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2074 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3901 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4157 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3798 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2110 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3855 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2116 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1994 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2007 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2079 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3925 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4003 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4106 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4010 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2026 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2093 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2176 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3865 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3821 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2146 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4043 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | S6 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | N8 | 205 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4063 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2082 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3920 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m9 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4075 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2181 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4033 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4028 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4072 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3790 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3793 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2125 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 229 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | O9 | 101 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2039 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2066 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3904 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2169 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3766 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2063 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | O7 | 106 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3871 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3997 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4047 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 230 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | o9 | 102 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4096 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | S1 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3871 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2173 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4105 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2125 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4064 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4002 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4039 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2054 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4145 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3758 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3881 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3884 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3990 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1996 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3771 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3940 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | o3 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3778 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2172 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2151 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2157 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2029 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2114 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | D9 | 103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2039 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2161 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4126 | 36 | 0,6,6 | - | - | - | | |
| 88 | OHX | o7 | 502 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2087 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2127 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2062 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 2 | 2011 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2114 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 1995 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2133 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3936 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4054 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3992 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4140 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2150 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3892 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3958 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2069 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4123 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4007 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4008 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3984 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4019 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 218 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3903 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2050 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2108 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4081 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4132 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3822 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3875 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2065 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4105 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4127 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4000 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2170 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4120 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3968 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4059 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3990 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 219 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2028 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3859 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3947 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3792 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2137 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3928 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 222 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2003 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 4044 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2013 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3926 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2097 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3960 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2057 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2004 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3896 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3777 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 218 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | l3 | 403 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3873 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3994 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2013 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3863 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2112 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3898 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2060 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3866 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3829 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3942 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3769 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3852 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2155 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3970 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4013 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m7 | 204 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3851 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3998 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4015 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 228 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2136 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4044 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3867 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3846 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2153 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3806 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4063 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3791 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2091 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4056 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3781 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4058 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3844 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2031 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3980 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3905 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2126 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3994 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4143 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 221 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4009 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2018 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2105 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2023 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3934 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2116 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | O7 | 105 | 73 | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3865 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2128 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 220 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3799 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3977 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2040 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2171 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4052 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2152 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3862 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4045 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4021 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | q1 | 702 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4071 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2093 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2024 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 220 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4066 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2167 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4102 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4119 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4073 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4088 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4039 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4007 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3907 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2053 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 1 | 3957 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3951 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4070 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3800 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2144 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2066 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3992 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4101 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2016 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3905 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2014 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3774 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4025 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4106 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2101 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2134 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | m0 | 304 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2090 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2035 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | Q2 | 503 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3909 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3795 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2075 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | N1 | 201 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3819 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3878 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3825 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2135 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 223 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3868 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4023 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3861 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2035 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3823 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4012 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3885 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4133 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4128 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4112 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3983 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3988 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3884 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2025 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 6 | 2131 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4022 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4079 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3870 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3808 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4093 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3845 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3917 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4082 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3838 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3813 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3831 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3836 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3986 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4055 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3895 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4048 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 229 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4017 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 7 | 226 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3991 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3822 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3875 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3796 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4089 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2000 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3953 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2048 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2108 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2055 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2083 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3976 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 8 | 216 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2036 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3975 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4056 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 230 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3948 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3808 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4024 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2001 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | M5 | 301 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2044 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 2 | 2046 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2083 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4094 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4103 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3977 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4001 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4124 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 4 | 232 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4097 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2042 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2102 | 1 | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3856 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2056 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4009 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2015 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4069 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3967 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2096 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2042 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2149 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3924 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3891 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4031 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3974 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3809 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2092 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3923 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2180 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4092 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3757 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3814 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3999 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3833 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4137 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2154 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2101 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2040 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3995 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3834 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2087 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3976 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3826 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4049 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 88 | OHX | 5 | 3848 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2156 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3911 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2146 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 2 | 2148 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2062 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4005 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 6 | 2045 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4139 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 3964 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4107 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3978 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 3 | 215 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 3887 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 1 | 4091 | - | 0,6,6 | - | - | - | | |
| 88 | OHX | 5 | 4036 | - | 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 |
|-----|-------|------------------|
| 86 | l1 | 46 |
| 1 | 2 | 2 |
| 81 | m2 | 2 |
| 36 | 5 | 1 |

The worst 5 of 51 chain breaks are listed below:

| Model | Chain | Residue-1 | Atom-1 | Residue-2 | Atom-2 | Distance (Å) |
|-------|-------|-----------|--------|-----------|--------|--------------|
| 1 | 2 | 1716:C | O3' | 1717:G | P | 5.68 |
| 1 | l1 | 132:UNK | C | 133:UNK | N | 4.51 |
| 1 | m2 | 23:UNK | C | 28:UNK | N | 4.14 |
| 1 | l1 | 81:UNK | C | 82:UNK | N | 3.84 |
| 1 | 5 | 2437:G | O3' | 2438:A | P | 3.63 |

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 | 1781/1800 (98%) | 0.16 | 38 (2%) 63 42 | 39, 96, 178, 219 | 1 (0%) |
| 1 | 6 | 1795/1800 (99%) | -0.02 | 27 (1%) 72 52 | 33, 84, 166, 211 | 1 (0%) |
| 2 | S0 | 206/251 (82%) | 0.61 | 5 (2%) 59 39 | 100, 115, 126, 138 | 0 |
| 2 | s0 | 206/251 (82%) | 0.47 | 6 (2%) 53 34 | 81, 98, 114, 118 | 0 |
| 3 | S1 | 214/254 (84%) | 0.77 | 14 (6%) 25 14 | 104, 134, 156, 161 | 0 |
| 3 | s1 | 216/254 (85%) | 0.31 | 2 (0%) 81 64 | 77, 91, 111, 123 | 0 |
| 4 | S2 | 217/253 (85%) | 0.55 | 9 (4%) 41 24 | 81, 93, 109, 115 | 0 |
| 4 | s2 | 217/253 (85%) | 0.57 | 14 (6%) 25 14 | 65, 81, 96, 112 | 0 |
| 5 | S3 | 223/239 (93%) | 0.61 | 14 (6%) 26 15 | 84, 97, 119, 130 | 0 |
| 5 | s3 | 223/239 (93%) | 0.75 | 18 (8%) 18 10 | 80, 109, 133, 136 | 0 |
| 6 | S4 | 260/260 (100%) | 0.63 | 17 (6%) 25 14 | 71, 96, 106, 121 | 0 |
| 6 | s4 | 260/260 (100%) | 0.41 | 8 (3%) 51 31 | 59, 86, 100, 121 | 0 |
| 7 | S5 | 206/224 (91%) | 0.66 | 15 (7%) 21 12 | 103, 122, 131, 135 | 0 |
| 7 | s5 | 206/224 (91%) | 0.48 | 6 (2%) 53 34 | 83, 106, 121, 129 | 0 |
| 8 | S6 | 226/236 (95%) | 0.77 | 19 (8%) 17 10 | 72, 102, 122, 133 | 0 |
| 8 | s6 | 218/236 (92%) | 0.52 | 12 (5%) 30 17 | 60, 90, 110, 121 | 0 |
| 9 | S7 | 184/189 (97%) | 0.77 | 14 (7%) 20 11 | 98, 122, 142, 148 | 0 |
| 9 | s7 | 186/189 (98%) | 0.48 | 5 (2%) 56 35 | 79, 107, 134, 139 | 0 |
| 10 | S8 | 188/200 (94%) | 0.44 | 6 (3%) 50 30 | 67, 83, 116, 129 | 0 |
| 10 | s8 | 188/200 (94%) | 0.41 | 6 (3%) 50 30 | 56, 74, 119, 135 | 0 |
| 11 | S9 | 185/196 (94%) | 0.58 | 4 (2%) 62 41 | 86, 103, 129, 145 | 0 |
| 11 | s9 | 185/196 (94%) | 0.60 | 6 (3%) 50 30 | 72, 90, 120, 138 | 0 |
| 12 | C0 | 96/105 (91%) | 0.72 | 5 (5%) 33 19 | 89, 110, 128, 138 | 0 |
| 12 | c0 | 96/105 (91%) | 1.02 | 16 (16%) 4 2 | 101, 132, 145, 150 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|---------------|-----------------------|-------|
| 13 | C1 | 155/155 (100%) | 0.60 | 13 (8%) 17 10 | 70, 82, 114, 129 | 0 |
| 13 | c1 | 146/155 (94%) | 0.49 | 8 (5%) 30 17 | 59, 71, 99, 122 | 0 |
| 14 | C2 | 124/124 (100%) | 0.71 | 4 (3%) 50 30 | 135, 143, 151, 154 | 0 |
| 14 | c2 | 124/124 (100%) | 1.10 | 19 (15%) 5 3 | 172, 187, 200, 208 | 0 |
| 15 | C3 | 150/150 (100%) | 0.67 | 9 (6%) 27 16 | 77, 91, 111, 115 | 0 |
| 15 | c3 | 150/150 (100%) | 0.40 | 8 (5%) 32 18 | 64, 80, 95, 100 | 0 |
| 16 | C4 | 127/136 (93%) | 1.09 | 19 (14%) 5 3 | 78, 131, 145, 150 | 0 |
| 16 | c4 | 128/136 (94%) | 0.33 | 0 100 100 | 58, 92, 102, 108 | 0 |
| 17 | C5 | 124/137 (90%) | 0.64 | 2 (1%) 70 50 | 84, 100, 116, 128 | 0 |
| 17 | c5 | 135/137 (98%) | 0.72 | 13 (9%) 13 8 | 76, 101, 113, 119 | 0 |
| 18 | C6 | 141/142 (99%) | 0.81 | 8 (5%) 29 17 | 89, 110, 115, 118 | 0 |
| 18 | c6 | 142/142 (100%) | 0.91 | 13 (9%) 14 8 | 75, 99, 113, 127 | 0 |
| 19 | C7 | 120/136 (88%) | 0.86 | 7 (5%) 29 16 | 96, 110, 133, 135 | 0 |
| 19 | c7 | 117/136 (86%) | 0.60 | 7 (5%) 27 16 | 83, 98, 116, 118 | 0 |
| 20 | C8 | 145/145 (100%) | 0.54 | 4 (2%) 55 34 | 83, 109, 130, 138 | 0 |
| 20 | c8 | 145/145 (100%) | 0.54 | 7 (4%) 35 20 | 82, 97, 120, 130 | 0 |
| 21 | C9 | 143/143 (100%) | 0.88 | 5 (3%) 47 28 | 94, 108, 119, 126 | 0 |
| 21 | c9 | 143/143 (100%) | 0.39 | 3 (2%) 63 42 | 78, 93, 110, 119 | 0 |
| 22 | D0 | 107/120 (89%) | 1.03 | 14 (13%) 7 5 | 82, 112, 129, 132 | 0 |
| 22 | d0 | 110/120 (91%) | 0.80 | 8 (7%) 21 12 | 79, 110, 138, 141 | 0 |
| 23 | D1 | 87/87 (100%) | 0.49 | 1 (1%) 78 60 | 96, 104, 120, 127 | 0 |
| 23 | d1 | 87/87 (100%) | 0.20 | 0 100 100 | 78, 87, 109, 119 | 0 |
| 24 | D2 | 129/129 (100%) | 0.62 | 2 (1%) 70 50 | 80, 93, 99, 108 | 0 |
| 25 | D3 | 144/144 (100%) | 0.42 | 7 (4%) 35 20 | 67, 73, 81, 95 | 0 |
| 25 | d3 | 144/144 (100%) | 0.20 | 9 (6%) 26 15 | 54, 61, 72, 82 | 0 |
| 26 | D4 | 134/134 (100%) | 0.62 | 4 (2%) 52 32 | 80, 104, 115, 122 | 0 |
| 26 | d4 | 134/134 (100%) | 0.48 | 6 (4%) 38 22 | 68, 91, 103, 109 | 0 |
| 27 | D5 | 70/107 (65%) | 0.62 | 4 (5%) 29 17 | 119, 133, 139, 141 | 0 |
| 27 | d5 | 69/107 (64%) | 0.59 | 1 (1%) 73 53 | 97, 117, 127, 130 | 0 |
| 28 | D6 | 97/97 (100%) | 1.17 | 22 (22%) 2 2 | 82, 95, 140, 144 | 0 |
| 28 | d6 | 97/97 (100%) | 0.38 | 1 (1%) 79 62 | 62, 74, 105, 112 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-----------------|--------|---------------|-----------------------|-------|
| 29 | D7 | 81/81 (100%) | 0.69 | 1 (1%) 76 57 | 95, 109, 134, 140 | 0 |
| 29 | d7 | 81/81 (100%) | 0.60 | 2 (2%) 58 37 | 78, 93, 127, 132 | 0 |
| 30 | D8 | 63/66 (95%) | 1.12 | 12 (19%) 3 2 | 111, 126, 137, 141 | 0 |
| 30 | d8 | 63/66 (95%) | 0.73 | 2 (3%) 50 30 | 98, 113, 124, 135 | 0 |
| 31 | D9 | 53/55 (96%) | 0.79 | 6 (11%) 10 6 | 83, 87, 103, 110 | 0 |
| 31 | d9 | 53/55 (96%) | 0.50 | 4 (7%) 20 12 | 77, 88, 125, 139 | 0 |
| 32 | E0 | 60/62 (96%) | 0.63 | 4 (6%) 24 13 | 74, 101, 125, 127 | 0 |
| 32 | e0 | 62/62 (100%) | 0.46 | 3 (4%) 35 20 | 62, 89, 112, 115 | 0 |
| 33 | E1 | 71/76 (93%) | 0.88 | 8 (11%) 10 6 | 103, 132, 143, 147 | 0 |
| 33 | e1 | 76/76 (100%) | 1.40 | 17 (22%) 2 2 | 108, 162, 178, 183 | 0 |
| 34 | SR | 318/318 (100%) | 0.58 | 7 (2%) 62 41 | 106, 117, 131, 147 | 0 |
| 34 | sR | 318/318 (100%) | 0.65 | 12 (3%) 44 26 | 106, 124, 137, 148 | 0 |
| 35 | SM | 159/273 (58%) | 0.94 | 26 (16%) 4 2 | 58, 94, 141, 144 | 0 |
| 35 | sM | 104/273 (38%) | 0.97 | 13 (12%) 8 5 | 50, 106, 179, 186 | 0 |
| 36 | 1 | 3149/3396 (92%) | -0.32 | 27 (0%) 81 64 | 35, 57, 128, 216 | 0 |
| 36 | 5 | 3169/3396 (93%) | -0.40 | 28 (0%) 81 64 | 33, 52, 126, 187 | 0 |
| 37 | 3 | 121/121 (100%) | -0.34 | 0 100 100 | 41, 72, 85, 91 | 0 |
| 37 | 7 | 121/121 (100%) | -0.54 | 1 (0%) 82 66 | 39, 58, 68, 77 | 0 |
| 38 | 4 | 158/158 (100%) | -0.43 | 0 100 100 | 43, 58, 94, 137 | 0 |
| 38 | 8 | 158/158 (100%) | -0.43 | 1 (0%) 85 72 | 43, 59, 94, 128 | 0 |
| 39 | L2 | 252/253 (99%) | 0.21 | 6 (2%) 59 39 | 44, 61, 76, 85 | 0 |
| 39 | l2 | 252/253 (99%) | 0.05 | 7 (2%) 55 34 | 40, 56, 73, 80 | 0 |
| 40 | L3 | 386/386 (100%) | 0.02 | 5 (1%) 75 55 | 40, 59, 72, 87 | 0 |
| 40 | l3 | 386/386 (100%) | -0.17 | 4 (1%) 79 62 | 34, 48, 62, 78 | 0 |
| 41 | L4 | 361/361 (100%) | -0.13 | 2 (0%) 85 72 | 38, 53, 69, 74 | 0 |
| 41 | l4 | 361/361 (100%) | -0.13 | 1 (0%) 90 81 | 39, 55, 72, 84 | 0 |
| 42 | L5 | 296/296 (100%) | 0.21 | 2 (0%) 84 69 | 55, 79, 95, 114 | 0 |
| 42 | l5 | 294/296 (99%) | 0.07 | 7 (2%) 59 39 | 46, 62, 87, 102 | 0 |
| 43 | L6 | 156/175 (89%) | -0.19 | 0 100 100 | 47, 54, 70, 83 | 0 |
| 43 | l6 | 157/175 (89%) | -0.08 | 2 (1%) 75 55 | 48, 56, 76, 87 | 0 |
| 44 | L7 | 222/243 (91%) | -0.25 | 1 (0%) 87 75 | 38, 48, 76, 105 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|---------------|-----------------------|----------|
| 44 | l7 | 223/243 (91%) | -0.20 | 0 100 100 | 38, 47, 77, 109 | 0 |
| 45 | L8 | 233/255 (91%) | 0.50 | 7 (3%) 52 32 | 67, 81, 110, 120 | 0 |
| 45 | l8 | 231/255 (90%) | 0.37 | 11 (4%) 35 20 | 69, 82, 109, 118 | 0 |
| 46 | L9 | 191/191 (100%) | 0.15 | 2 (1%) 79 62 | 54, 65, 77, 87 | 0 |
| 46 | l9 | 191/191 (100%) | -0.21 | 1 (0%) 87 75 | 43, 55, 71, 81 | 0 |
| 47 | M0 | 211/220 (95%) | 0.03 | 3 (1%) 73 53 | 41, 55, 88, 106 | 0 |
| 47 | m0 | 213/220 (96%) | 0.03 | 2 (0%) 81 64 | 39, 56, 80, 97 | 0 |
| 48 | M1 | 169/173 (97%) | 0.24 | 2 (1%) 76 57 | 63, 81, 93, 100 | 0 |
| 48 | m1 | 169/173 (97%) | -0.05 | 1 (0%) 85 72 | 51, 65, 76, 83 | 0 |
| 49 | M3 | 193/198 (97%) | 0.02 | 0 100 100 | 38, 63, 100, 123 | 0 |
| 49 | m3 | 194/198 (97%) | 0.10 | 1 (0%) 87 75 | 39, 66, 96, 120 | 0 |
| 50 | M4 | 136/137 (99%) | -0.15 | 1 (0%) 84 69 | 49, 56, 68, 78 | 0 |
| 50 | m4 | 137/137 (100%) | -0.29 | 0 100 100 | 45, 52, 66, 80 | 0 |
| 51 | M5 | 204/204 (100%) | 0.15 | 1 (0%) 87 75 | 40, 54, 66, 70 | 0 |
| 52 | M6 | 197/198 (99%) | 0.06 | 3 (1%) 72 52 | 34, 44, 59, 66 | 20 (10%) |
| 52 | m6 | 197/198 (99%) | 0.09 | 10 (5%) 33 19 | 31, 39, 57, 65 | 18 (9%) |
| 53 | M7 | 183/183 (100%) | 0.01 | 9 (4%) 35 20 | 43, 50, 97, 121 | 0 |
| 53 | m7 | 155/183 (84%) | -0.30 | 1 (0%) 85 72 | 37, 45, 59, 88 | 0 |
| 54 | M8 | 185/185 (100%) | 0.16 | 5 (2%) 56 35 | 41, 54, 69, 90 | 0 |
| 54 | m8 | 185/185 (100%) | 0.02 | 3 (1%) 70 50 | 40, 55, 64, 68 | 0 |
| 55 | M9 | 188/188 (100%) | 0.37 | 8 (4%) 40 23 | 60, 74, 144, 150 | 0 |
| 55 | m9 | 188/188 (100%) | 0.20 | 3 (1%) 70 50 | 49, 62, 125, 137 | 0 |
| 56 | N0 | 172/172 (100%) | 0.07 | 2 (1%) 76 57 | 46, 54, 65, 73 | 0 |
| 56 | n0 | 172/172 (100%) | -0.26 | 2 (1%) 76 57 | 41, 48, 61, 70 | 0 |
| 57 | N1 | 159/159 (100%) | 0.15 | 3 (1%) 66 45 | 41, 54, 96, 103 | 0 |
| 57 | n1 | 159/159 (100%) | 0.10 | 5 (3%) 51 31 | 38, 48, 82, 88 | 0 |
| 58 | N2 | 100/120 (83%) | 0.46 | 7 (7%) 22 13 | 89, 104, 117, 121 | 0 |
| 58 | n2 | 98/120 (81%) | 0.24 | 2 (2%) 65 44 | 73, 85, 93, 97 | 0 |
| 59 | N3 | 136/136 (100%) | -0.05 | 3 (2%) 62 41 | 46, 56, 68, 76 | 0 |
| 59 | n3 | 136/136 (100%) | -0.23 | 0 100 100 | 35, 45, 56, 60 | 0 |
| 60 | N4 | 98/155 (63%) | 0.92 | 21 (21%) 2 2 | 57, 69, 134, 146 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|---------------|-----------------------|-------|
| 60 | n4 | 135/155 (87%) | 0.62 | 14 (10%) 11 7 | 45, 93, 120, 132 | 0 |
| 61 | N5 | 121/141 (85%) | 0.06 | 1 (0%) 82 66 | 55, 66, 82, 107 | 0 |
| 61 | n5 | 120/141 (85%) | 0.11 | 0 100 100 | 53, 66, 81, 93 | 0 |
| 62 | N6 | 126/126 (100%) | 0.01 | 2 (1%) 70 50 | 46, 60, 71, 77 | 0 |
| 62 | n6 | 126/126 (100%) | 0.14 | 1 (0%) 82 66 | 49, 63, 75, 82 | 0 |
| 63 | N7 | 135/135 (100%) | 0.28 | 0 100 100 | 81, 93, 105, 113 | 0 |
| 63 | n7 | 135/135 (100%) | 0.40 | 1 (0%) 84 69 | 74, 88, 99, 104 | 0 |
| 64 | N8 | 148/148 (100%) | -0.07 | 1 (0%) 84 69 | 35, 56, 78, 89 | 0 |
| 64 | n8 | 148/148 (100%) | -0.02 | 2 (1%) 73 53 | 35, 55, 76, 80 | 0 |
| 65 | N9 | 58/58 (100%) | 0.24 | 3 (5%) 33 19 | 37, 60, 96, 109 | 0 |
| 65 | n9 | 58/58 (100%) | 0.34 | 5 (8%) 16 9 | 37, 56, 77, 87 | 0 |
| 66 | O0 | 97/104 (93%) | 0.23 | 1 (1%) 79 62 | 81, 89, 107, 111 | 0 |
| 66 | o0 | 100/104 (96%) | 0.10 | 3 (3%) 52 32 | 72, 80, 100, 109 | 0 |
| 67 | O1 | 109/112 (97%) | 0.06 | 0 100 100 | 57, 69, 91, 98 | 0 |
| 67 | o1 | 109/112 (97%) | -0.04 | 0 100 100 | 45, 57, 88, 104 | 0 |
| 68 | O2 | 127/129 (98%) | -0.21 | 2 (1%) 70 50 | 36, 48, 61, 74 | 0 |
| 68 | o2 | 127/129 (98%) | -0.16 | 0 100 100 | 34, 51, 64, 70 | 0 |
| 69 | O3 | 106/106 (100%) | -0.19 | 0 100 100 | 39, 45, 64, 74 | 0 |
| 69 | o3 | 106/106 (100%) | -0.21 | 1 (0%) 81 64 | 38, 45, 69, 77 | 0 |
| 70 | O4 | 112/119 (94%) | 0.62 | 6 (5%) 31 18 | 55, 71, 106, 113 | 0 |
| 70 | o4 | 112/119 (94%) | 0.52 | 3 (2%) 56 35 | 48, 66, 102, 107 | 0 |
| 71 | O5 | 119/119 (100%) | 0.16 | 3 (2%) 58 37 | 51, 68, 76, 81 | 0 |
| 71 | o5 | 119/119 (100%) | 0.16 | 1 (0%) 82 66 | 55, 68, 83, 92 | 0 |
| 72 | O6 | 99/99 (100%) | 0.25 | 3 (3%) 52 32 | 59, 69, 97, 110 | 0 |
| 72 | o6 | 99/99 (100%) | 0.23 | 1 (1%) 79 62 | 63, 71, 88, 106 | 0 |
| 73 | O7 | 87/87 (100%) | 0.16 | 2 (2%) 61 40 | 42, 48, 66, 85 | 0 |
| 73 | o7 | 87/87 (100%) | 0.14 | 2 (2%) 61 40 | 39, 47, 73, 92 | 0 |
| 74 | O8 | 77/77 (100%) | 0.32 | 2 (2%) 57 36 | 77, 90, 107, 112 | 0 |
| 74 | o8 | 77/77 (100%) | 0.30 | 2 (2%) 57 36 | 73, 86, 99, 101 | 0 |
| 75 | O9 | 50/50 (100%) | 0.24 | 2 (4%) 42 24 | 49, 55, 58, 58 | 0 |
| 75 | o9 | 50/50 (100%) | 0.19 | 0 100 100 | 47, 52, 60, 61 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-------------------|--------|--|-----------------------|---------|
| 76 | Q0 | 52/52 (100%) | -0.12 | 0 100 100 | 46, 52, 67, 73 | 0 |
| 76 | q0 | 52/52 (100%) | -0.32 | 0 100 100 | 39, 45, 55, 58 | 0 |
| 77 | Q1 | 25/25 (100%) | 0.30 | 1 (4%) 42 24 | 58, 64, 68, 69 | 0 |
| 77 | q1 | 25/25 (100%) | 0.32 | 2 (8%) 18 10 | 50, 53, 56, 57 | 0 |
| 78 | Q2 | 105/105 (100%) | -0.13 | 1 (0%) 79 62 | 42, 56, 75, 99 | 0 |
| 78 | q2 | 105/105 (100%) | -0.13 | 0 100 100 | 41, 54, 69, 107 | 0 |
| 79 | Q3 | 91/91 (100%) | 0.16 | 3 (3%) 49 29 | 51, 64, 78, 86 | 0 |
| 79 | q3 | 91/91 (100%) | 0.06 | 3 (3%) 49 29 | 44, 56, 72, 82 | 0 |
| 80 | d2 | 130/130 (100%) | 0.24 | 1 (0%) 82 66 | 63, 75, 82, 91 | 0 |
| 81 | m2 | 0/150 | - | - | - | - |
| 82 | m5 | 203/203 (100%) | 0.09 | 2 (0%) 79 62 | 41, 56, 68, 73 | 0 |
| 83 | p0 | 143/220 (65%) | 0.88 | 12 (8%) 17 10 | 103, 124, 217, 227 | 0 |
| 84 | p1 | 0/47 | - | - | - | - |
| 84 | p2 | 0/47 | - | - | - | - |
| 85 | f | 147/157 (93%) | 0.95 | 13 (8%) 15 9 | 38, 76, 142, 145 | 4 (2%) |
| 86 | l1 | 0/213 | - | - | - | - |
| All | All | 33262/35574 (93%) | 0.15 | 946 (2%) 55 34 | 31, 73, 133, 227 | 44 (0%) |

The worst 5 of 946 RSRZ outliers are listed below:

| Mol | Chain | Res | Type | RSRZ |
|-----|-------|---------|------|------|
| 13 | c1 | 3 | THR | 8.3 |
| 60 | N4 | 86 | SER | 6.9 |
| 1 | 2 | 1756[A] | A | 6.4 |
| 5 | s3 | 151 | LYS | 6.2 |
| 60 | n4 | 68 | ALA | 6.1 |

5.2 Non-standard residues in protein, DNA, RNA chains ⓘ

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

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|-----|-------|------|------|----------------------------|-------|
| 85 | 5CT | f | 51 | 15/16 | 0.92 | 0.19 | 46,46,46,46 | 15 |

5.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

5.4 Ligands ⓘ

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

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|-------|------|----------------------------|-------|
| 87 | MG | 2 | 1967 | 1/1 | -0.09 | 0.31 | 130,130,130,130 | 0 |
| 87 | MG | 6 | 1997 | 1/1 | 0.27 | 0.33 | 122,122,122,122 | 0 |
| 87 | MG | 5 | 3734 | 1/1 | 0.29 | 0.40 | 93,93,93,93 | 0 |
| 87 | MG | 6 | 1938 | 1/1 | 0.32 | 0.44 | 98,98,98,98 | 0 |
| 87 | MG | 2 | 1925 | 1/1 | 0.41 | 0.28 | 99,99,99,99 | 0 |
| 87 | MG | 1 | 3405 | 1/1 | 0.45 | 0.35 | 118,118,118,118 | 0 |
| 88 | OHX | 5 | 4136 | 7/7 | 0.45 | 0.23 | 85,85,85,85 | 6 |
| 87 | MG | M3 | 201 | 1/1 | 0.47 | 0.32 | 97,97,97,97 | 0 |
| 87 | MG | 5 | 3764 | 1/1 | 0.47 | 0.29 | 110,110,110,110 | 0 |
| 87 | MG | 5 | 3464 | 1/1 | 0.47 | 0.26 | 118,118,118,118 | 0 |
| 87 | MG | 6 | 2007 | 1/1 | 0.51 | 0.40 | 100,100,100,100 | 0 |
| 87 | MG | 2 | 1927 | 1/1 | 0.55 | 0.38 | 95,95,95,95 | 0 |
| 88 | OHX | 1 | 4101 | 7/7 | 0.59 | 0.18 | 85,85,85,85 | 6 |
| 87 | MG | 2 | 1973 | 1/1 | 0.59 | 0.44 | 107,107,107,107 | 0 |
| 88 | OHX | 2 | 2145 | 7/7 | 0.60 | 0.19 | 88,88,88,88 | 3 |
| 87 | MG | c7 | 201 | 1/1 | 0.60 | 0.27 | 78,78,78,78 | 0 |
| 88 | OHX | 2 | 2117 | 7/7 | 0.60 | 0.19 | 95,95,95,95 | 5 |
| 87 | MG | 2 | 1989 | 1/1 | 0.61 | 0.32 | 103,103,103,103 | 0 |
| 87 | MG | 5 | 3499 | 1/1 | 0.61 | 0.19 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3621 | 1/1 | 0.61 | 0.40 | 99,99,99,99 | 0 |
| 87 | MG | 2 | 1961 | 1/1 | 0.62 | 0.23 | 101,101,101,101 | 0 |
| 87 | MG | 5 | 3467 | 1/1 | 0.63 | 0.19 | 125,125,125,125 | 0 |
| 88 | OHX | 2 | 2152 | 7/7 | 0.63 | 0.17 | 104,104,104,104 | 5 |
| 88 | OHX | 1 | 4030 | 7/7 | 0.63 | 0.21 | 73,73,73,73 | 3 |
| 88 | OHX | 1 | 4070 | 7/7 | 0.63 | 0.18 | 71,71,71,71 | 4 |
| 87 | MG | 8 | 210 | 1/1 | 0.63 | 0.27 | 86,86,86,86 | 0 |
| 87 | MG | 2 | 1970 | 1/1 | 0.63 | 0.42 | 91,91,91,91 | 0 |
| 87 | MG | 6 | 1973 | 1/1 | 0.64 | 0.31 | 102,102,102,102 | 0 |
| 88 | OHX | 5 | 4138 | 7/7 | 0.64 | 0.12 | 138,138,138,138 | 6 |
| 88 | OHX | C3 | 201 | 7/7 | 0.65 | 0.20 | 94,94,94,94 | 3 |
| 88 | OHX | 6 | 2167 | 7/7 | 0.65 | 0.20 | 48,48,48,48 | 2 |
| 87 | MG | 6 | 1974 | 1/1 | 0.65 | 0.30 | 94,94,94,94 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 6 | 1964 | 1/1 | 0.65 | 0.30 | 75,75,75,75 | 0 |
| 88 | OHX | 2 | 2147 | 7/7 | 0.66 | 0.15 | 102,102,102,102 | 6 |
| 87 | MG | 2 | 1909 | 1/1 | 0.67 | 0.39 | 84,84,84,84 | 0 |
| 87 | MG | 5 | 3749 | 1/1 | 0.67 | 0.30 | 70,70,70,70 | 0 |
| 87 | MG | 2 | 1931 | 1/1 | 0.67 | 0.44 | 70,70,70,70 | 0 |
| 87 | MG | 5 | 3440 | 1/1 | 0.68 | 0.32 | 81,81,81,81 | 0 |
| 87 | MG | 2 | 1949 | 1/1 | 0.68 | 0.36 | 90,90,90,90 | 0 |
| 87 | MG | 2 | 1956 | 1/1 | 0.68 | 0.30 | 90,90,90,90 | 0 |
| 88 | OHX | 2 | 2149 | 7/7 | 0.68 | 0.14 | 134,134,134,134 | 6 |
| 87 | MG | 5 | 3497 | 1/1 | 0.68 | 0.10 | 48,48,48,48 | 1 |
| 88 | OHX | 5 | 4137 | 7/7 | 0.68 | 0.26 | 96,96,96,96 | 6 |
| 87 | MG | 6 | 1962 | 1/1 | 0.68 | 0.32 | 95,95,95,95 | 0 |
| 87 | MG | 2 | 1947 | 1/1 | 0.69 | 0.30 | 98,98,98,98 | 0 |
| 87 | MG | 6 | 1909 | 1/1 | 0.69 | 0.29 | 109,109,109,109 | 0 |
| 88 | OHX | 5 | 4099 | 7/7 | 0.69 | 0.23 | 75,75,75,75 | 5 |
| 88 | OHX | 1 | 4080 | 7/7 | 0.70 | 0.15 | 60,60,60,60 | 5 |
| 87 | MG | 6 | 2008 | 1/1 | 0.70 | 0.21 | 83,83,83,83 | 0 |
| 88 | OHX | 6 | 2160 | 7/7 | 0.70 | 0.16 | 98,98,98,98 | 7 |
| 87 | MG | 2 | 1972 | 1/1 | 0.70 | 0.26 | 91,91,91,91 | 0 |
| 87 | MG | 6 | 1985 | 1/1 | 0.70 | 0.21 | 90,90,90,90 | 0 |
| 88 | OHX | 1 | 3984 | 7/7 | 0.70 | 0.21 | 72,72,72,72 | 4 |
| 87 | MG | 2 | 1915 | 1/1 | 0.70 | 0.36 | 78,78,78,78 | 0 |
| 87 | MG | 1 | 3659 | 1/1 | 0.70 | 0.28 | 86,86,86,86 | 0 |
| 88 | OHX | 1 | 3975 | 7/7 | 0.71 | 0.32 | 59,59,59,59 | 5 |
| 87 | MG | 5 | 3736 | 1/1 | 0.71 | 0.37 | 80,80,80,80 | 0 |
| 87 | MG | 2 | 1954 | 1/1 | 0.71 | 0.17 | 82,82,82,82 | 0 |
| 88 | OHX | 8 | 228 | 7/7 | 0.71 | 0.17 | 67,67,67,67 | 3 |
| 87 | MG | 6 | 1934 | 1/1 | 0.72 | 0.41 | 79,79,79,79 | 0 |
| 87 | MG | 5 | 3729 | 1/1 | 0.72 | 0.17 | 51,51,51,51 | 0 |
| 88 | OHX | 2 | 2123 | 7/7 | 0.72 | 0.19 | 94,94,94,94 | 4 |
| 88 | OHX | 6 | 2185 | 7/7 | 0.72 | 0.21 | 75,75,75,75 | 4 |
| 88 | OHX | 1 | 4041 | 7/7 | 0.72 | 0.14 | 200,200,200,200 | 7 |
| 88 | OHX | 1 | 4056 | 7/7 | 0.72 | 0.23 | 74,74,74,74 | 4 |
| 87 | MG | 5 | 3477 | 1/1 | 0.72 | 0.10 | 76,76,76,76 | 0 |
| 88 | OHX | 1 | 3966 | 7/7 | 0.72 | 0.17 | 55,55,55,55 | 2 |
| 88 | OHX | 1 | 4100 | 7/7 | 0.72 | 0.13 | 71,71,71,71 | 3 |
| 87 | MG | 5 | 3783 | 1/1 | 0.73 | 0.17 | 70,70,70,70 | 0 |
| 88 | OHX | 1 | 3869 | 7/7 | 0.73 | 0.31 | 56,56,56,56 | 4 |
| 88 | OHX | 3 | 219 | 7/7 | 0.73 | 0.13 | 78,78,78,78 | 5 |
| 87 | MG | 7 | 212 | 1/1 | 0.73 | 0.33 | 70,70,70,70 | 0 |
| 88 | OHX | 6 | 2165 | 7/7 | 0.73 | 0.13 | 119,119,119,119 | 7 |
| 87 | MG | 1 | 3742 | 1/1 | 0.73 | 0.19 | 68,68,68,68 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 6 | 1966 | 1/1 | 0.73 | 0.27 | 83,83,83,83 | 0 |
| 88 | OHX | 5 | 4019 | 7/7 | 0.73 | 0.21 | 60,60,60,60 | 5 |
| 87 | MG | 2 | 1951 | 1/1 | 0.73 | 0.15 | 106,106,106,106 | 0 |
| 88 | OHX | 5 | 4103 | 7/7 | 0.73 | 0.17 | 63,63,63,63 | 7 |
| 87 | MG | 2 | 1993 | 1/1 | 0.73 | 0.16 | 76,76,76,76 | 0 |
| 87 | MG | 2 | 1950 | 1/1 | 0.73 | 0.26 | 99,99,99,99 | 0 |
| 87 | MG | 1 | 3418 | 1/1 | 0.73 | 0.40 | 78,78,78,78 | 0 |
| 87 | MG | 2 | 1976 | 1/1 | 0.73 | 0.23 | 75,75,75,75 | 0 |
| 87 | MG | 2 | 1904 | 1/1 | 0.74 | 0.39 | 75,75,75,75 | 0 |
| 87 | MG | 6 | 1959 | 1/1 | 0.74 | 0.33 | 80,80,80,80 | 0 |
| 87 | MG | 4 | 210 | 1/1 | 0.74 | 0.20 | 61,61,61,61 | 0 |
| 87 | MG | 1 | 3410 | 1/1 | 0.74 | 0.33 | 55,55,55,55 | 0 |
| 88 | OHX | 6 | 2115 | 7/7 | 0.74 | 0.21 | 70,70,70,70 | 4 |
| 87 | MG | 6 | 1904 | 1/1 | 0.74 | 0.32 | 82,82,82,82 | 0 |
| 87 | MG | 2 | 1929 | 1/1 | 0.74 | 0.27 | 75,75,75,75 | 0 |
| 87 | MG | 2 | 1975 | 1/1 | 0.74 | 0.25 | 74,74,74,74 | 0 |
| 88 | OHX | 1 | 4086 | 7/7 | 0.75 | 0.15 | 136,136,136,136 | 7 |
| 87 | MG | 2 | 1912 | 1/1 | 0.75 | 0.36 | 88,88,88,88 | 0 |
| 88 | OHX | 5 | 4095 | 7/7 | 0.75 | 0.22 | 60,60,60,60 | 4 |
| 87 | MG | O7 | 102 | 1/1 | 0.75 | 0.42 | 67,67,67,67 | 0 |
| 87 | MG | 1 | 3660 | 1/1 | 0.75 | 0.27 | 52,52,52,52 | 0 |
| 88 | OHX | 5 | 4111 | 7/7 | 0.75 | 0.24 | 77,77,77,77 | 6 |
| 87 | MG | 1 | 3713 | 1/1 | 0.75 | 0.21 | 72,72,72,72 | 0 |
| 88 | OHX | 1 | 4067 | 7/7 | 0.75 | 0.14 | 104,104,104,104 | 4 |
| 87 | MG | 2 | 1941 | 1/1 | 0.75 | 0.29 | 81,81,81,81 | 0 |
| 87 | MG | 2 | 1959 | 1/1 | 0.75 | 0.40 | 84,84,84,84 | 0 |
| 88 | OHX | 5 | 3991 | 7/7 | 0.76 | 0.21 | 96,96,96,96 | 4 |
| 87 | MG | 1 | 3717 | 1/1 | 0.76 | 0.17 | 61,61,61,61 | 0 |
| 88 | OHX | 5 | 4061 | 7/7 | 0.76 | 0.21 | 61,61,61,61 | 1 |
| 88 | OHX | 2 | 2052 | 7/7 | 0.76 | 0.19 | 94,94,94,94 | 3 |
| 88 | OHX | 4 | 233 | 7/7 | 0.76 | 0.20 | 63,63,63,63 | 2 |
| 88 | OHX | M9 | 201 | 7/7 | 0.76 | 0.09 | 75,75,75,75 | 3 |
| 87 | MG | 1 | 3718 | 1/1 | 0.76 | 0.23 | 108,108,108,108 | 0 |
| 87 | MG | 2 | 1962 | 1/1 | 0.76 | 0.33 | 66,66,66,66 | 0 |
| 87 | MG | 1 | 3711 | 1/1 | 0.76 | 0.10 | 59,59,59,59 | 1 |
| 87 | MG | 5 | 3786 | 1/1 | 0.76 | 0.29 | 90,90,90,90 | 0 |
| 88 | OHX | 5 | 4158 | 7/7 | 0.76 | 0.14 | 49,49,49,49 | 1 |
| 88 | OHX | 5 | 4159 | 7/7 | 0.76 | 0.12 | 162,162,162,162 | 7 |
| 87 | MG | 2 | 1966 | 1/1 | 0.76 | 0.17 | 90,90,90,90 | 0 |
| 88 | OHX | l5 | 303 | 7/7 | 0.76 | 0.17 | 94,94,94,94 | 6 |
| 87 | MG | 5 | 3663 | 1/1 | 0.77 | 0.30 | 84,84,84,84 | 0 |
| 87 | MG | 2 | 1907 | 1/1 | 0.77 | 0.35 | 65,65,65,65 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 6 | 1963 | 1/1 | 0.77 | 0.17 | 89,89,89,89 | 0 |
| 87 | MG | 2 | 1945 | 1/1 | 0.77 | 0.41 | 90,90,90,90 | 0 |
| 88 | OHX | 2 | 2146 | 7/7 | 0.77 | 0.16 | 82,82,82,82 | 5 |
| 87 | MG | 2 | 1963 | 1/1 | 0.77 | 0.22 | 95,95,95,95 | 0 |
| 87 | MG | 1 | 3407 | 1/1 | 0.77 | 0.24 | 52,52,52,52 | 0 |
| 87 | MG | 6 | 1915 | 1/1 | 0.77 | 0.36 | 82,82,82,82 | 0 |
| 87 | MG | 2 | 1901 | 1/1 | 0.77 | 0.38 | 87,87,87,87 | 0 |
| 87 | MG | 2 | 1960 | 1/1 | 0.77 | 0.23 | 75,75,75,75 | 0 |
| 87 | MG | 2 | 1977 | 1/1 | 0.77 | 0.41 | 83,83,83,83 | 0 |
| 87 | MG | 5 | 3762 | 1/1 | 0.78 | 0.26 | 45,45,45,45 | 1 |
| 87 | MG | 6 | 1914 | 1/1 | 0.78 | 0.18 | 78,78,78,78 | 0 |
| 88 | OHX | 1 | 4088 | 7/7 | 0.78 | 0.16 | 58,58,58,58 | 7 |
| 88 | OHX | 5 | 4034 | 7/7 | 0.78 | 0.14 | 72,72,72,72 | 3 |
| 88 | OHX | 2 | 2133 | 7/7 | 0.78 | 0.12 | 108,108,108,108 | 6 |
| 88 | OHX | 5 | 4090 | 7/7 | 0.78 | 0.14 | 83,83,83,83 | 4 |
| 88 | OHX | 5 | 4093 | 7/7 | 0.78 | 0.23 | 80,80,80,80 | 6 |
| 87 | MG | 5 | 3690 | 1/1 | 0.78 | 0.27 | 68,68,68,68 | 0 |
| 88 | OHX | 1 | 3995 | 7/7 | 0.78 | 0.18 | 98,98,98,98 | 7 |
| 87 | MG | 5 | 3785 | 1/1 | 0.78 | 0.21 | 52,52,52,52 | 0 |
| 87 | MG | 2 | 1974 | 1/1 | 0.78 | 0.34 | 71,71,71,71 | 0 |
| 88 | OHX | 6 | 2109 | 7/7 | 0.78 | 0.19 | 100,100,100,100 | 5 |
| 87 | MG | 5 | 3531 | 1/1 | 0.78 | 0.24 | 48,48,48,48 | 0 |
| 88 | OHX | 6 | 2151 | 7/7 | 0.78 | 0.23 | 58,58,58,58 | 4 |
| 88 | OHX | 5 | 4143 | 7/7 | 0.78 | 0.11 | 116,116,116,116 | 5 |
| 88 | OHX | 1 | 4064 | 7/7 | 0.78 | 0.17 | 62,62,62,62 | 5 |
| 87 | MG | 6 | 1921 | 1/1 | 0.78 | 0.33 | 71,71,71,71 | 0 |
| 87 | MG | 5 | 3623 | 1/1 | 0.78 | 0.44 | 95,95,95,95 | 0 |
| 88 | OHX | 6 | 2175 | 7/7 | 0.78 | 0.23 | 57,57,57,57 | 5 |
| 87 | MG | 1 | 3604 | 1/1 | 0.79 | 0.38 | 90,90,90,90 | 0 |
| 87 | MG | 6 | 1923 | 1/1 | 0.79 | 0.30 | 82,82,82,82 | 0 |
| 88 | OHX | 1 | 4011 | 7/7 | 0.79 | 0.12 | 117,117,117,117 | 4 |
| 87 | MG | 2 | 1968 | 1/1 | 0.79 | 0.23 | 89,89,89,89 | 0 |
| 88 | OHX | 1 | 4040 | 7/7 | 0.79 | 0.26 | 59,59,59,59 | 2 |
| 87 | MG | 2 | 1971 | 1/1 | 0.79 | 0.28 | 64,64,64,64 | 0 |
| 87 | MG | 6 | 1942 | 1/1 | 0.79 | 0.32 | 78,78,78,78 | 0 |
| 88 | OHX | 6 | 2134 | 7/7 | 0.79 | 0.14 | 88,88,88,88 | 6 |
| 88 | OHX | 6 | 2137 | 7/7 | 0.79 | 0.19 | 85,85,85,85 | 5 |
| 87 | MG | 6 | 1958 | 1/1 | 0.79 | 0.35 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3478 | 1/1 | 0.79 | 0.29 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3562 | 1/1 | 0.79 | 0.22 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 4072 | 7/7 | 0.79 | 0.17 | 68,68,68,68 | 5 |
| 88 | OHX | 5 | 4153 | 7/7 | 0.79 | 0.20 | 50,50,50,50 | 6 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 2 | 2108 | 7/7 | 0.79 | 0.18 | 83,83,83,83 | 3 |
| 88 | OHX | 6 | 2180 | 7/7 | 0.79 | 0.12 | 137,137,137,137 | 6 |
| 87 | MG | 1 | 3582 | 1/1 | 0.79 | 0.22 | 38,38,38,38 | 0 |
| 88 | OHX | 2 | 2119 | 7/7 | 0.79 | 0.14 | 84,84,84,84 | 3 |
| 89 | ZN | d7 | 101 | 1/1 | 0.79 | 0.17 | 142,142,142,142 | 0 |
| 87 | MG | 5 | 3462 | 1/1 | 0.80 | 0.11 | 39,39,39,39 | 0 |
| 87 | MG | M7 | 201 | 1/1 | 0.80 | 0.36 | 73,73,73,73 | 0 |
| 88 | OHX | 5 | 4070 | 7/7 | 0.80 | 0.18 | 69,69,69,69 | 3 |
| 88 | OHX | 5 | 4082 | 7/7 | 0.80 | 0.15 | 99,99,99,99 | 5 |
| 87 | MG | 2 | 1923 | 1/1 | 0.80 | 0.34 | 89,89,89,89 | 0 |
| 88 | OHX | 5 | 4091 | 7/7 | 0.80 | 0.12 | 34,34,34,34 | 4 |
| 88 | OHX | 6 | 2092 | 7/7 | 0.80 | 0.25 | 61,61,61,61 | 3 |
| 87 | MG | 2 | 1914 | 1/1 | 0.80 | 0.34 | 77,77,77,77 | 0 |
| 88 | OHX | 2 | 2139 | 7/7 | 0.80 | 0.11 | 164,164,164,164 | 7 |
| 88 | OHX | 1 | 4050 | 7/7 | 0.80 | 0.14 | 106,106,106,106 | 5 |
| 87 | MG | 1 | 3678 | 1/1 | 0.80 | 0.29 | 69,69,69,69 | 0 |
| 87 | MG | 6 | 1989 | 1/1 | 0.80 | 0.24 | 81,81,81,81 | 0 |
| 87 | MG | 6 | 1911 | 1/1 | 0.80 | 0.23 | 91,91,91,91 | 0 |
| 87 | MG | 1 | 4110 | 1/1 | 0.80 | 0.22 | 73,73,73,73 | 0 |
| 87 | MG | 5 | 3607 | 1/1 | 0.80 | 0.22 | 52,52,52,52 | 0 |
| 88 | OHX | 6 | 2173 | 7/7 | 0.80 | 0.19 | 88,88,88,88 | 6 |
| 87 | MG | 2 | 1983 | 1/1 | 0.80 | 0.28 | 71,71,71,71 | 0 |
| 87 | MG | 7 | 213 | 1/1 | 0.80 | 0.31 | 60,60,60,60 | 0 |
| 87 | MG | 6 | 2009 | 1/1 | 0.80 | 0.23 | 73,73,73,73 | 0 |
| 87 | MG | 6 | 1917 | 1/1 | 0.80 | 0.28 | 78,78,78,78 | 0 |
| 87 | MG | 2 | 1944 | 1/1 | 0.80 | 0.27 | 80,80,80,80 | 0 |
| 87 | MG | 2 | 1979 | 1/1 | 0.81 | 0.29 | 68,68,68,68 | 0 |
| 88 | OHX | 6 | 2179 | 7/7 | 0.81 | 0.16 | 99,99,99,99 | 4 |
| 87 | MG | 2 | 1940 | 1/1 | 0.81 | 0.29 | 72,72,72,72 | 0 |
| 88 | OHX | 6 | 2181 | 7/7 | 0.81 | 0.23 | 92,92,92,92 | 5 |
| 88 | OHX | 6 | 2182 | 7/7 | 0.81 | 0.14 | 152,152,152,152 | 7 |
| 87 | MG | 1 | 3434 | 1/1 | 0.81 | 0.21 | 59,59,59,59 | 0 |
| 88 | OHX | c3 | 201 | 7/7 | 0.81 | 0.14 | 89,89,89,89 | 3 |
| 88 | OHX | 5 | 3962 | 7/7 | 0.81 | 0.19 | 61,61,61,61 | 4 |
| 87 | MG | 1 | 3482 | 1/1 | 0.81 | 0.25 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3567 | 1/1 | 0.81 | 0.32 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3595 | 1/1 | 0.81 | 0.39 | 35,35,35,35 | 0 |
| 88 | OHX | 5 | 4045 | 7/7 | 0.81 | 0.17 | 56,56,56,56 | 4 |
| 87 | MG | 1 | 3515 | 1/1 | 0.81 | 0.21 | 54,54,54,54 | 0 |
| 88 | OHX | C5 | 201 | 7/7 | 0.81 | 0.11 | 116,116,116,116 | 5 |
| 88 | OHX | 1 | 4105 | 7/7 | 0.81 | 0.10 | 98,98,98,98 | 3 |
| 87 | MG | 2 | 1910 | 1/1 | 0.81 | 0.41 | 65,65,65,65 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 2 | 1942 | 1/1 | 0.81 | 0.30 | 77,77,77,77 | 0 |
| 87 | MG | 5 | 3639 | 1/1 | 0.81 | 0.28 | 69,69,69,69 | 0 |
| 87 | MG | o4 | 201 | 1/1 | 0.81 | 0.49 | 50,50,50,50 | 0 |
| 87 | MG | SM | 301 | 1/1 | 0.81 | 0.31 | 58,58,58,58 | 0 |
| 87 | MG | 2 | 1958 | 1/1 | 0.81 | 0.23 | 70,70,70,70 | 0 |
| 88 | OHX | 6 | 2117 | 7/7 | 0.81 | 0.17 | 94,94,94,94 | 5 |
| 88 | OHX | 5 | 4124 | 7/7 | 0.81 | 0.09 | 163,163,163,163 | 7 |
| 87 | MG | 5 | 3701 | 1/1 | 0.81 | 0.11 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3720 | 1/1 | 0.81 | 0.40 | 42,42,42,42 | 0 |
| 87 | MG | 6 | 1931 | 1/1 | 0.81 | 0.26 | 54,54,54,54 | 0 |
| 88 | OHX | 2 | 2126 | 7/7 | 0.81 | 0.13 | 111,111,111,111 | 5 |
| 88 | OHX | 6 | 2164 | 7/7 | 0.81 | 0.19 | 81,81,81,81 | 5 |
| 88 | OHX | 1 | 4053 | 7/7 | 0.81 | 0.22 | 51,51,51,51 | 4 |
| 88 | OHX | 2 | 2130 | 7/7 | 0.81 | 0.14 | 103,103,103,103 | 7 |
| 88 | OHX | 7 | 226 | 7/7 | 0.81 | 0.20 | 61,61,61,61 | 4 |
| 88 | OHX | 6 | 2169 | 7/7 | 0.81 | 0.18 | 61,61,61,61 | 5 |
| 88 | OHX | 6 | 2171 | 7/7 | 0.81 | 0.10 | 131,131,131,131 | 7 |
| 87 | MG | 2 | 1924 | 1/1 | 0.81 | 0.33 | 75,75,75,75 | 0 |
| 88 | OHX | 1 | 4083 | 7/7 | 0.82 | 0.18 | 90,90,90,90 | 4 |
| 87 | MG | 2 | 1969 | 1/1 | 0.82 | 0.15 | 93,93,93,93 | 0 |
| 87 | MG | 2 | 1936 | 1/1 | 0.82 | 0.35 | 63,63,63,63 | 0 |
| 88 | OHX | 1 | 4090 | 7/7 | 0.82 | 0.14 | 46,46,46,46 | 4 |
| 87 | MG | 1 | 3721 | 1/1 | 0.82 | 0.28 | 60,60,60,60 | 0 |
| 87 | MG | 1 | 3590 | 1/1 | 0.82 | 0.39 | 70,70,70,70 | 0 |
| 87 | MG | 5 | 3544 | 1/1 | 0.82 | 0.37 | 54,54,54,54 | 0 |
| 88 | OHX | 3 | 216 | 7/7 | 0.82 | 0.20 | 62,62,62,62 | 3 |
| 87 | MG | 1 | 3745 | 1/1 | 0.82 | 0.12 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 4069 | 7/7 | 0.82 | 0.14 | 143,143,143,143 | 7 |
| 88 | OHX | 4 | 230 | 7/7 | 0.82 | 0.17 | 47,47,47,47 | 3 |
| 87 | MG | 5 | 3591 | 1/1 | 0.82 | 0.28 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3597 | 1/1 | 0.82 | 0.20 | 68,68,68,68 | 0 |
| 87 | MG | 6 | 1933 | 1/1 | 0.82 | 0.21 | 90,90,90,90 | 0 |
| 87 | MG | 1 | 3401 | 1/1 | 0.82 | 0.35 | 46,46,46,46 | 0 |
| 88 | OHX | 1 | 3990 | 7/7 | 0.82 | 0.17 | 80,80,80,80 | 4 |
| 87 | MG | 1 | 3446 | 1/1 | 0.82 | 0.29 | 53,53,53,53 | 0 |
| 87 | MG | 2 | 1928 | 1/1 | 0.82 | 0.35 | 74,74,74,74 | 0 |
| 88 | OHX | 2 | 2100 | 7/7 | 0.82 | 0.18 | 70,70,70,70 | 5 |
| 88 | OHX | 1 | 4031 | 7/7 | 0.82 | 0.13 | 116,116,116,116 | 3 |
| 87 | MG | 5 | 3660 | 1/1 | 0.82 | 0.19 | 50,50,50,50 | 0 |
| 87 | MG | 6 | 1956 | 1/1 | 0.82 | 0.40 | 61,61,61,61 | 0 |
| 87 | MG | 5 | 3669 | 1/1 | 0.82 | 0.33 | 76,76,76,76 | 0 |
| 88 | OHX | 5 | 4142 | 7/7 | 0.82 | 0.20 | 37,37,37,37 | 6 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3664 | 1/1 | 0.82 | 0.15 | 60,60,60,60 | 0 |
| 87 | MG | 1 | 3486 | 1/1 | 0.82 | 0.24 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 4060 | 7/7 | 0.82 | 0.18 | 61,61,61,61 | 4 |
| 87 | MG | 5 | 3712 | 1/1 | 0.82 | 0.22 | 40,40,40,40 | 0 |
| 87 | MG | 6 | 1961 | 1/1 | 0.82 | 0.21 | 68,68,68,68 | 0 |
| 88 | OHX | 8 | 225 | 7/7 | 0.82 | 0.25 | 70,70,70,70 | 5 |
| 88 | OHX | 2 | 2137 | 7/7 | 0.82 | 0.09 | 148,148,148,148 | 6 |
| 87 | MG | 2 | 1932 | 1/1 | 0.82 | 0.23 | 78,78,78,78 | 0 |
| 87 | MG | 1 | 3524 | 1/1 | 0.82 | 0.30 | 62,62,62,62 | 0 |
| 88 | OHX | 2 | 2085 | 7/7 | 0.83 | 0.18 | 83,83,83,83 | 3 |
| 87 | MG | 1 | 3753 | 1/1 | 0.83 | 0.10 | 64,64,64,64 | 0 |
| 87 | MG | 6 | 1924 | 1/1 | 0.83 | 0.44 | 84,84,84,84 | 0 |
| 87 | MG | 1 | 3675 | 1/1 | 0.83 | 0.22 | 65,65,65,65 | 0 |
| 87 | MG | 3 | 201 | 1/1 | 0.83 | 0.23 | 71,71,71,71 | 0 |
| 87 | MG | 3 | 208 | 1/1 | 0.83 | 0.10 | 67,67,67,67 | 0 |
| 87 | MG | 6 | 1936 | 1/1 | 0.83 | 0.30 | 59,59,59,59 | 0 |
| 87 | MG | 6 | 2188 | 1/1 | 0.83 | 0.12 | 81,81,81,81 | 0 |
| 87 | MG | 6 | 1937 | 1/1 | 0.83 | 0.31 | 71,71,71,71 | 0 |
| 88 | OHX | 1 | 4074 | 7/7 | 0.83 | 0.08 | 156,156,156,156 | 7 |
| 88 | OHX | 1 | 4079 | 7/7 | 0.83 | 0.11 | 120,120,120,120 | 7 |
| 87 | MG | 5 | 3429 | 1/1 | 0.83 | 0.31 | 30,30,30,30 | 0 |
| 88 | OHX | 5 | 3993 | 7/7 | 0.83 | 0.20 | 58,58,58,58 | 3 |
| 87 | MG | 1 | 3448 | 1/1 | 0.83 | 0.31 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3691 | 1/1 | 0.83 | 0.23 | 65,65,65,65 | 0 |
| 87 | MG | 6 | 1953 | 1/1 | 0.83 | 0.43 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3694 | 1/1 | 0.83 | 0.20 | 81,81,81,81 | 0 |
| 88 | OHX | 1 | 4096 | 7/7 | 0.83 | 0.14 | 52,52,52,52 | 3 |
| 88 | OHX | 1 | 4099 | 7/7 | 0.83 | 0.18 | 72,72,72,72 | 6 |
| 87 | MG | 1 | 3416 | 1/1 | 0.83 | 0.28 | 42,42,42,42 | 0 |
| 88 | OHX | 2 | 2151 | 7/7 | 0.83 | 0.15 | 109,109,109,109 | 6 |
| 87 | MG | 2 | 1965 | 1/1 | 0.83 | 0.26 | 81,81,81,81 | 0 |
| 87 | MG | 5 | 3481 | 1/1 | 0.83 | 0.22 | 48,48,48,48 | 0 |
| 87 | MG | 6 | 1906 | 1/1 | 0.83 | 0.29 | 51,51,51,51 | 0 |
| 88 | OHX | 5 | 4098 | 7/7 | 0.83 | 0.15 | 74,74,74,74 | 6 |
| 88 | OHX | 1 | 3865 | 7/7 | 0.83 | 0.27 | 46,46,46,46 | 4 |
| 87 | MG | 1 | 3513 | 1/1 | 0.83 | 0.30 | 50,50,50,50 | 0 |
| 88 | OHX | 5 | 4104 | 7/7 | 0.83 | 0.17 | 54,54,54,54 | 3 |
| 88 | OHX | M0 | 303 | 7/7 | 0.83 | 0.15 | 97,97,97,97 | 7 |
| 87 | MG | 1 | 3621 | 1/1 | 0.83 | 0.27 | 56,56,56,56 | 0 |
| 88 | OHX | N8 | 205 | 7/7 | 0.83 | 0.12 | 105,105,105,105 | 7 |
| 87 | MG | 7 | 209 | 1/1 | 0.83 | 0.09 | 59,59,59,59 | 0 |
| 88 | OHX | 1 | 3976 | 7/7 | 0.83 | 0.18 | 83,83,83,83 | 4 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 2 | 1921 | 1/1 | 0.83 | 0.32 | 69,69,69,69 | 0 |
| 87 | MG | 1 | 3730 | 1/1 | 0.83 | 0.24 | 72,72,72,72 | 0 |
| 87 | MG | 1 | 3444 | 1/1 | 0.83 | 0.18 | 44,44,44,44 | 0 |
| 87 | MG | 8 | 211 | 1/1 | 0.83 | 0.14 | 56,56,56,56 | 0 |
| 88 | OHX | 1 | 4027 | 7/7 | 0.83 | 0.22 | 50,50,50,50 | 4 |
| 88 | OHX | 6 | 2153 | 7/7 | 0.83 | 0.17 | 75,75,75,75 | 3 |
| 88 | OHX | 1 | 4028 | 7/7 | 0.83 | 0.17 | 70,70,70,70 | 4 |
| 87 | MG | 2 | 1992 | 1/1 | 0.83 | 0.21 | 86,86,86,86 | 0 |
| 88 | OHX | 8 | 229 | 7/7 | 0.83 | 0.13 | 49,49,49,49 | 4 |
| 88 | OHX | 8 | 230 | 7/7 | 0.83 | 0.17 | 65,65,65,65 | 5 |
| 87 | MG | 6 | 1978 | 1/1 | 0.83 | 0.18 | 88,88,88,88 | 0 |
| 88 | OHX | 2 | 2064 | 7/7 | 0.83 | 0.33 | 79,79,79,79 | 3 |
| 88 | OHX | 6 | 2158 | 7/7 | 0.84 | 0.16 | 70,70,70,70 | 1 |
| 88 | OHX | 2 | 2071 | 7/7 | 0.84 | 0.19 | 104,104,104,104 | 5 |
| 88 | OHX | 1 | 4015 | 7/7 | 0.84 | 0.20 | 52,52,52,52 | 4 |
| 87 | MG | 5 | 3412 | 1/1 | 0.84 | 0.28 | 37,37,37,37 | 0 |
| 88 | OHX | 2 | 2094 | 7/7 | 0.84 | 0.18 | 79,79,79,79 | 5 |
| 87 | MG | 1 | 3483 | 1/1 | 0.84 | 0.32 | 39,39,39,39 | 0 |
| 88 | OHX | 2 | 2106 | 7/7 | 0.84 | 0.13 | 108,108,108,108 | 5 |
| 88 | OHX | 2 | 2107 | 7/7 | 0.84 | 0.14 | 108,108,108,108 | 4 |
| 87 | MG | 5 | 3683 | 1/1 | 0.84 | 0.16 | 41,41,41,41 | 0 |
| 88 | OHX | 6 | 2178 | 7/7 | 0.84 | 0.13 | 97,97,97,97 | 5 |
| 87 | MG | 1 | 3680 | 1/1 | 0.84 | 0.27 | 66,66,66,66 | 0 |
| 87 | MG | 1 | 3683 | 1/1 | 0.84 | 0.30 | 46,46,46,46 | 0 |
| 87 | MG | 2 | 1948 | 1/1 | 0.84 | 0.21 | 66,66,66,66 | 0 |
| 88 | OHX | 1 | 4058 | 7/7 | 0.84 | 0.13 | 106,106,106,106 | 6 |
| 88 | OHX | 6 | 2184 | 7/7 | 0.84 | 0.11 | 115,115,115,115 | 6 |
| 87 | MG | 1 | 3492 | 1/1 | 0.84 | 0.32 | 39,39,39,39 | 0 |
| 88 | OHX | 2 | 2127 | 7/7 | 0.84 | 0.12 | 146,146,146,146 | 6 |
| 88 | OHX | sR | 401 | 7/7 | 0.84 | 0.14 | 125,125,125,125 | 5 |
| 88 | OHX | 5 | 3871 | 7/7 | 0.84 | 0.34 | 42,42,42,42 | 3 |
| 88 | OHX | 5 | 3923 | 7/7 | 0.84 | 0.22 | 37,37,37,37 | 4 |
| 88 | OHX | 2 | 2128 | 7/7 | 0.84 | 0.10 | 62,62,62,62 | 3 |
| 88 | OHX | 5 | 3965 | 7/7 | 0.84 | 0.19 | 61,61,61,61 | 3 |
| 87 | MG | 6 | 1967 | 1/1 | 0.84 | 0.21 | 64,64,64,64 | 0 |
| 87 | MG | 5 | 3730 | 1/1 | 0.84 | 0.10 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 4073 | 7/7 | 0.84 | 0.12 | 55,55,55,55 | 2 |
| 87 | MG | 1 | 3503 | 1/1 | 0.84 | 0.39 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3614 | 1/1 | 0.84 | 0.24 | 55,55,55,55 | 0 |
| 88 | OHX | 2 | 2144 | 7/7 | 0.84 | 0.15 | 97,97,97,97 | 6 |
| 87 | MG | 5 | 3738 | 1/1 | 0.84 | 0.23 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3485 | 1/1 | 0.84 | 0.38 | 73,73,73,73 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 4079 | 7/7 | 0.84 | 0.15 | 45,45,45,45 | 3 |
| 88 | OHX | 1 | 4087 | 7/7 | 0.84 | 0.16 | 45,45,45,45 | 4 |
| 87 | MG | 1 | 3439 | 1/1 | 0.84 | 0.26 | 55,55,55,55 | 0 |
| 87 | MG | 6 | 1981 | 1/1 | 0.84 | 0.33 | 85,85,85,85 | 0 |
| 88 | OHX | 2 | 2150 | 7/7 | 0.84 | 0.09 | 140,140,140,140 | 7 |
| 87 | MG | 5 | 3516 | 1/1 | 0.84 | 0.29 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3631 | 1/1 | 0.84 | 0.36 | 79,79,79,79 | 0 |
| 87 | MG | 1 | 3450 | 1/1 | 0.84 | 0.25 | 62,62,62,62 | 0 |
| 88 | OHX | 5 | 4102 | 7/7 | 0.84 | 0.20 | 53,53,53,53 | 5 |
| 87 | MG | 7 | 206 | 1/1 | 0.84 | 0.24 | 54,54,54,54 | 0 |
| 87 | MG | 6 | 1993 | 1/1 | 0.84 | 0.31 | 56,56,56,56 | 0 |
| 87 | MG | 6 | 1941 | 1/1 | 0.84 | 0.40 | 47,47,47,47 | 0 |
| 88 | OHX | 1 | 3924 | 7/7 | 0.84 | 0.17 | 64,64,64,64 | 4 |
| 88 | OHX | 1 | 3950 | 7/7 | 0.84 | 0.18 | 99,99,99,99 | 5 |
| 88 | OHX | 4 | 235 | 7/7 | 0.84 | 0.15 | 59,59,59,59 | 3 |
| 88 | OHX | 1 | 3956 | 7/7 | 0.84 | 0.15 | 65,65,65,65 | 3 |
| 87 | MG | 1 | 3728 | 1/1 | 0.84 | 0.22 | 75,75,75,75 | 0 |
| 87 | MG | 1 | 3464 | 1/1 | 0.84 | 0.24 | 39,39,39,39 | 0 |
| 88 | OHX | 5 | 4147 | 7/7 | 0.84 | 0.18 | 52,52,52,52 | 5 |
| 88 | OHX | 5 | 4152 | 7/7 | 0.84 | 0.19 | 50,50,50,50 | 3 |
| 88 | OHX | 6 | 2071 | 7/7 | 0.84 | 0.25 | 57,57,57,57 | 3 |
| 88 | OHX | 5 | 4155 | 7/7 | 0.84 | 0.13 | 58,58,58,58 | 4 |
| 88 | OHX | 5 | 4157 | 7/7 | 0.84 | 0.20 | 85,85,85,85 | 5 |
| 87 | MG | 1 | 3555 | 1/1 | 0.84 | 0.34 | 45,45,45,45 | 0 |
| 87 | MG | 6 | 2011 | 1/1 | 0.84 | 0.15 | 79,79,79,79 | 0 |
| 87 | MG | 1 | 3426 | 1/1 | 0.84 | 0.33 | 45,45,45,45 | 0 |
| 88 | OHX | 1 | 3992 | 7/7 | 0.84 | 0.18 | 82,82,82,82 | 5 |
| 87 | MG | 6 | 1916 | 1/1 | 0.84 | 0.18 | 71,71,71,71 | 0 |
| 88 | OHX | 1 | 3997 | 7/7 | 0.84 | 0.21 | 49,49,49,49 | 2 |
| 88 | OHX | 1 | 4004 | 7/7 | 0.84 | 0.20 | 59,59,59,59 | 4 |
| 88 | OHX | 1 | 4006 | 7/7 | 0.84 | 0.19 | 68,68,68,68 | 4 |
| 88 | OHX | 6 | 2155 | 7/7 | 0.84 | 0.14 | 108,108,108,108 | 5 |
| 88 | OHX | 6 | 2127 | 7/7 | 0.85 | 0.13 | 98,98,98,98 | 5 |
| 88 | OHX | 2 | 2101 | 7/7 | 0.85 | 0.15 | 100,100,100,100 | 5 |
| 87 | MG | 1 | 3473 | 1/1 | 0.85 | 0.28 | 58,58,58,58 | 0 |
| 88 | OHX | 6 | 2139 | 7/7 | 0.85 | 0.14 | 91,91,91,91 | 4 |
| 88 | OHX | 6 | 2140 | 7/7 | 0.85 | 0.12 | 119,119,119,119 | 7 |
| 87 | MG | 6 | 2010 | 1/1 | 0.85 | 0.34 | 66,66,66,66 | 0 |
| 87 | MG | 1 | 3512 | 1/1 | 0.85 | 0.41 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3533 | 1/1 | 0.85 | 0.22 | 54,54,54,54 | 0 |
| 87 | MG | 6 | 2187 | 1/1 | 0.85 | 0.14 | 93,93,93,93 | 0 |
| 87 | MG | 5 | 3757 | 1/1 | 0.85 | 0.27 | 59,59,59,59 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3425 | 1/1 | 0.85 | 0.35 | 48,48,48,48 | 0 |
| 87 | MG | 2 | 1920 | 1/1 | 0.85 | 0.41 | 61,61,61,61 | 0 |
| 87 | MG | 5 | 3409 | 1/1 | 0.85 | 0.34 | 41,41,41,41 | 0 |
| 87 | MG | L2 | 301 | 1/1 | 0.85 | 0.24 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3415 | 1/1 | 0.85 | 0.32 | 55,55,55,55 | 0 |
| 88 | OHX | 2 | 2135 | 7/7 | 0.85 | 0.11 | 194,194,194,194 | 7 |
| 88 | OHX | 5 | 4121 | 7/7 | 0.85 | 0.10 | 145,145,145,145 | 7 |
| 87 | MG | 5 | 3790 | 1/1 | 0.85 | 0.24 | 70,70,70,70 | 0 |
| 88 | OHX | 5 | 4132 | 7/7 | 0.85 | 0.14 | 72,72,72,72 | 5 |
| 88 | OHX | 5 | 4134 | 7/7 | 0.85 | 0.17 | 50,50,50,50 | 6 |
| 88 | OHX | 6 | 2177 | 7/7 | 0.85 | 0.17 | 68,68,68,68 | 5 |
| 87 | MG | 6 | 1948 | 1/1 | 0.85 | 0.23 | 55,55,55,55 | 0 |
| 87 | MG | 6 | 1919 | 1/1 | 0.85 | 0.27 | 66,66,66,66 | 0 |
| 87 | MG | 5 | 3648 | 1/1 | 0.85 | 0.23 | 55,55,55,55 | 0 |
| 87 | MG | 1 | 3453 | 1/1 | 0.85 | 0.24 | 51,51,51,51 | 0 |
| 87 | MG | 6 | 1986 | 1/1 | 0.85 | 0.23 | 63,63,63,63 | 0 |
| 88 | OHX | 5 | 4150 | 7/7 | 0.85 | 0.24 | 41,41,41,41 | 6 |
| 88 | OHX | 5 | 4151 | 7/7 | 0.85 | 0.17 | 60,60,60,60 | 6 |
| 88 | OHX | 4 | 234 | 7/7 | 0.85 | 0.23 | 64,64,64,64 | 5 |
| 87 | MG | 6 | 1988 | 1/1 | 0.85 | 0.14 | 61,61,61,61 | 0 |
| 87 | MG | 1 | 3538 | 1/1 | 0.85 | 0.37 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3684 | 1/1 | 0.85 | 0.19 | 75,75,75,75 | 0 |
| 87 | MG | 1 | 3615 | 1/1 | 0.85 | 0.22 | 67,67,67,67 | 0 |
| 87 | MG | 5 | 3479 | 1/1 | 0.85 | 0.18 | 54,54,54,54 | 0 |
| 88 | OHX | 2 | 2078 | 7/7 | 0.85 | 0.15 | 77,77,77,77 | 5 |
| 88 | OHX | 6 | 2094 | 7/7 | 0.85 | 0.20 | 106,106,106,106 | 5 |
| 87 | MG | 1 | 3618 | 1/1 | 0.85 | 0.23 | 53,53,53,53 | 0 |
| 87 | MG | 2 | 1985 | 1/1 | 0.85 | 0.19 | 81,81,81,81 | 0 |
| 87 | MG | 1 | 3628 | 1/1 | 0.85 | 0.29 | 51,51,51,51 | 0 |
| 88 | OHX | 5 | 4025 | 7/7 | 0.85 | 0.13 | 133,133,133,133 | 6 |
| 88 | OHX | 6 | 2126 | 7/7 | 0.85 | 0.19 | 74,74,74,74 | 5 |
| 88 | OHX | 5 | 4028 | 7/7 | 0.86 | 0.28 | 39,39,39,39 | 3 |
| 87 | MG | 7 | 210 | 1/1 | 0.86 | 0.17 | 49,49,49,49 | 0 |
| 88 | OHX | 5 | 4039 | 7/7 | 0.86 | 0.21 | 55,55,55,55 | 3 |
| 88 | OHX | 5 | 4044 | 7/7 | 0.86 | 0.12 | 54,54,54,54 | 3 |
| 87 | MG | 5 | 3422 | 1/1 | 0.86 | 0.27 | 40,40,40,40 | 0 |
| 87 | MG | 2 | 1955 | 1/1 | 0.86 | 0.39 | 78,78,78,78 | 0 |
| 87 | MG | 7 | 214 | 1/1 | 0.86 | 0.16 | 66,66,66,66 | 0 |
| 87 | MG | Q2 | 502 | 1/1 | 0.86 | 0.16 | 72,72,72,72 | 0 |
| 88 | OHX | 1 | 4062 | 7/7 | 0.86 | 0.19 | 39,39,39,39 | 3 |
| 87 | MG | 1 | 3565 | 1/1 | 0.86 | 0.23 | 50,50,50,50 | 0 |
| 88 | OHX | 5 | 4084 | 7/7 | 0.86 | 0.17 | 48,48,48,48 | 5 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 4089 | 7/7 | 0.86 | 0.21 | 67,67,67,67 | 5 |
| 87 | MG | n8 | 201 | 1/1 | 0.86 | 0.16 | 34,34,34,34 | 0 |
| 87 | MG | 2 | 1933 | 1/1 | 0.86 | 0.32 | 84,84,84,84 | 0 |
| 88 | OHX | 6 | 2144 | 7/7 | 0.86 | 0.12 | 139,139,139,139 | 7 |
| 87 | MG | q1 | 701 | 1/1 | 0.86 | 0.28 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3413 | 1/1 | 0.86 | 0.21 | 66,66,66,66 | 0 |
| 87 | MG | 1 | 3501 | 1/1 | 0.86 | 0.35 | 47,47,47,47 | 0 |
| 87 | MG | 6 | 1990 | 1/1 | 0.86 | 0.24 | 72,72,72,72 | 0 |
| 87 | MG | 2 | 1926 | 1/1 | 0.86 | 0.27 | 61,61,61,61 | 0 |
| 87 | MG | S9 | 201 | 1/1 | 0.86 | 0.31 | 99,99,99,99 | 0 |
| 87 | MG | 2 | 1937 | 1/1 | 0.86 | 0.45 | 66,66,66,66 | 0 |
| 88 | OHX | 5 | 4116 | 7/7 | 0.86 | 0.16 | 47,47,47,47 | 3 |
| 88 | OHX | 5 | 4119 | 7/7 | 0.86 | 0.21 | 51,51,51,51 | 4 |
| 87 | MG | 5 | 3492 | 1/1 | 0.86 | 0.13 | 46,46,46,46 | 0 |
| 87 | MG | 1 | 3462 | 1/1 | 0.86 | 0.15 | 50,50,50,50 | 0 |
| 88 | OHX | 6 | 2170 | 7/7 | 0.86 | 0.18 | 76,76,76,76 | 6 |
| 88 | OHX | 1 | 4089 | 7/7 | 0.86 | 0.15 | 63,63,63,63 | 3 |
| 87 | MG | 4 | 204 | 1/1 | 0.86 | 0.29 | 48,48,48,48 | 0 |
| 87 | MG | 4 | 208 | 1/1 | 0.86 | 0.26 | 49,49,49,49 | 0 |
| 87 | MG | 2 | 1938 | 1/1 | 0.86 | 0.32 | 67,67,67,67 | 0 |
| 88 | OHX | 5 | 4141 | 7/7 | 0.86 | 0.11 | 74,74,74,74 | 3 |
| 88 | OHX | 2 | 2115 | 7/7 | 0.86 | 0.12 | 103,103,103,103 | 5 |
| 87 | MG | 5 | 3739 | 1/1 | 0.86 | 0.21 | 63,63,63,63 | 0 |
| 87 | MG | 4 | 218 | 1/1 | 0.86 | 0.13 | 41,41,41,41 | 0 |
| 88 | OHX | 2 | 2122 | 7/7 | 0.86 | 0.17 | 83,83,83,83 | 3 |
| 88 | OHX | 3 | 218 | 7/7 | 0.86 | 0.18 | 49,49,49,49 | 4 |
| 87 | MG | 6 | 1929 | 1/1 | 0.86 | 0.24 | 68,68,68,68 | 0 |
| 87 | MG | 1 | 3625 | 1/1 | 0.86 | 0.23 | 56,56,56,56 | 0 |
| 87 | MG | 5 | 3407 | 1/1 | 0.86 | 0.27 | 36,36,36,36 | 0 |
| 87 | MG | 6 | 1969 | 1/1 | 0.86 | 0.15 | 73,73,73,73 | 0 |
| 87 | MG | 1 | 3431 | 1/1 | 0.86 | 0.16 | 52,52,52,52 | 0 |
| 88 | OHX | 5 | 3909 | 7/7 | 0.86 | 0.17 | 54,54,54,54 | 3 |
| 88 | OHX | 1 | 4029 | 7/7 | 0.86 | 0.15 | 51,51,51,51 | 3 |
| 88 | OHX | 8 | 224 | 7/7 | 0.86 | 0.20 | 46,46,46,46 | 4 |
| 88 | OHX | M7 | 204 | 7/7 | 0.86 | 0.21 | 43,43,43,43 | 4 |
| 87 | MG | 5 | 3610 | 1/1 | 0.86 | 0.20 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3611 | 1/1 | 0.86 | 0.29 | 46,46,46,46 | 0 |
| 87 | MG | 2 | 1905 | 1/1 | 0.86 | 0.31 | 65,65,65,65 | 0 |
| 87 | MG | 5 | 3421 | 1/1 | 0.86 | 0.28 | 63,63,63,63 | 0 |
| 88 | OHX | m9 | 201 | 7/7 | 0.86 | 0.08 | 61,61,61,61 | 4 |
| 89 | ZN | D7 | 101 | 1/1 | 0.86 | 0.20 | 152,152,152,152 | 0 |
| 88 | OHX | 1 | 4043 | 7/7 | 0.86 | 0.11 | 125,125,125,125 | 6 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 2 | 1957 | 1/1 | 0.87 | 0.24 | 74,74,74,74 | 0 |
| 88 | OHX | 1 | 4046 | 7/7 | 0.87 | 0.10 | 105,105,105,105 | 5 |
| 88 | OHX | 1 | 4048 | 7/7 | 0.87 | 0.14 | 52,52,52,52 | 3 |
| 87 | MG | 5 | 3431 | 1/1 | 0.87 | 0.33 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 4051 | 7/7 | 0.87 | 0.17 | 59,59,59,59 | 4 |
| 87 | MG | 5 | 3432 | 1/1 | 0.87 | 0.17 | 46,46,46,46 | 0 |
| 87 | MG | 1 | 3579 | 1/1 | 0.87 | 0.30 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3446 | 1/1 | 0.87 | 0.28 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3448 | 1/1 | 0.87 | 0.27 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3672 | 1/1 | 0.87 | 0.08 | 68,68,68,68 | 0 |
| 87 | MG | 2 | 1964 | 1/1 | 0.87 | 0.36 | 69,69,69,69 | 0 |
| 87 | MG | 4 | 201 | 1/1 | 0.87 | 0.31 | 62,62,62,62 | 0 |
| 88 | OHX | 2 | 2129 | 7/7 | 0.87 | 0.10 | 118,118,118,118 | 6 |
| 88 | OHX | 1 | 4071 | 7/7 | 0.87 | 0.25 | 40,40,40,40 | 4 |
| 87 | MG | 4 | 203 | 1/1 | 0.87 | 0.26 | 52,52,52,52 | 0 |
| 87 | MG | 6 | 1980 | 1/1 | 0.87 | 0.23 | 83,83,83,83 | 0 |
| 88 | OHX | 5 | 3959 | 7/7 | 0.87 | 0.19 | 78,78,78,78 | 2 |
| 87 | MG | 6 | 1928 | 1/1 | 0.87 | 0.34 | 70,70,70,70 | 0 |
| 88 | OHX | 5 | 3963 | 7/7 | 0.87 | 0.19 | 64,64,64,64 | 2 |
| 87 | MG | 1 | 3505 | 1/1 | 0.87 | 0.32 | 36,36,36,36 | 0 |
| 88 | OHX | 5 | 3990 | 7/7 | 0.87 | 0.17 | 80,80,80,80 | 3 |
| 87 | MG | 5 | 3483 | 1/1 | 0.87 | 0.25 | 68,68,68,68 | 0 |
| 87 | MG | 1 | 3472 | 1/1 | 0.87 | 0.22 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 4003 | 7/7 | 0.87 | 0.16 | 41,41,41,41 | 2 |
| 87 | MG | 2 | 1911 | 1/1 | 0.87 | 0.41 | 65,65,65,65 | 0 |
| 87 | MG | 4 | 216 | 1/1 | 0.87 | 0.17 | 65,65,65,65 | 0 |
| 87 | MG | 5 | 3775 | 1/1 | 0.87 | 0.17 | 63,63,63,63 | 0 |
| 88 | OHX | 5 | 4030 | 7/7 | 0.87 | 0.16 | 48,48,48,48 | 1 |
| 87 | MG | 4 | 217 | 1/1 | 0.87 | 0.12 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3505 | 1/1 | 0.87 | 0.18 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3510 | 1/1 | 0.87 | 0.34 | 35,35,35,35 | 0 |
| 88 | OHX | 1 | 4097 | 7/7 | 0.87 | 0.12 | 74,74,74,74 | 5 |
| 87 | MG | 1 | 3605 | 1/1 | 0.87 | 0.21 | 55,55,55,55 | 0 |
| 88 | OHX | S6 | 301 | 7/7 | 0.87 | 0.12 | 105,105,105,105 | 5 |
| 88 | OHX | S8 | 301 | 7/7 | 0.87 | 0.12 | 109,109,109,109 | 6 |
| 88 | OHX | 1 | 4104 | 7/7 | 0.87 | 0.15 | 56,56,56,56 | 5 |
| 87 | MG | 1 | 3606 | 1/1 | 0.87 | 0.18 | 44,44,44,44 | 0 |
| 88 | OHX | 3 | 215 | 7/7 | 0.87 | 0.10 | 80,80,80,80 | 2 |
| 87 | MG | 6 | 1939 | 1/1 | 0.87 | 0.19 | 57,57,57,57 | 0 |
| 88 | OHX | 3 | 217 | 7/7 | 0.87 | 0.20 | 78,78,78,78 | 5 |
| 87 | MG | 1 | 3613 | 1/1 | 0.87 | 0.22 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3553 | 1/1 | 0.87 | 0.27 | 36,36,36,36 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3907 | 7/7 | 0.87 | 0.21 | 69,69,69,69 | 3 |
| 88 | OHX | 1 | 3915 | 7/7 | 0.87 | 0.12 | 72,72,72,72 | 3 |
| 87 | MG | 5 | 3566 | 1/1 | 0.87 | 0.30 | 40,40,40,40 | 0 |
| 88 | OHX | 1 | 3947 | 7/7 | 0.87 | 0.18 | 92,92,92,92 | 5 |
| 88 | OHX | 1 | 3948 | 7/7 | 0.87 | 0.17 | 73,73,73,73 | 3 |
| 87 | MG | 2 | 2154 | 1/1 | 0.87 | 0.19 | 105,105,105,105 | 0 |
| 87 | MG | 5 | 3569 | 1/1 | 0.87 | 0.34 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 4115 | 7/7 | 0.87 | 0.14 | 92,92,92,92 | 2 |
| 88 | OHX | 1 | 3965 | 7/7 | 0.87 | 0.12 | 64,64,64,64 | 5 |
| 87 | MG | 1 | 3519 | 1/1 | 0.87 | 0.32 | 55,55,55,55 | 0 |
| 88 | OHX | 6 | 2080 | 7/7 | 0.87 | 0.24 | 76,76,76,76 | 2 |
| 87 | MG | 8 | 212 | 1/1 | 0.87 | 0.13 | 67,67,67,67 | 0 |
| 88 | OHX | 5 | 4128 | 7/7 | 0.87 | 0.09 | 99,99,99,99 | 4 |
| 88 | OHX | 5 | 4129 | 7/7 | 0.87 | 0.13 | 58,58,58,58 | 3 |
| 87 | MG | m0 | 301 | 1/1 | 0.87 | 0.25 | 45,45,45,45 | 0 |
| 88 | OHX | 6 | 2106 | 7/7 | 0.87 | 0.12 | 80,80,80,80 | 3 |
| 87 | MG | 6 | 1949 | 1/1 | 0.87 | 0.31 | 80,80,80,80 | 0 |
| 88 | OHX | 1 | 3985 | 7/7 | 0.87 | 0.09 | 114,114,114,114 | 4 |
| 87 | MG | 5 | 3601 | 1/1 | 0.87 | 0.18 | 55,55,55,55 | 0 |
| 88 | OHX | 6 | 2125 | 7/7 | 0.87 | 0.15 | 76,76,76,76 | 2 |
| 87 | MG | 6 | 1951 | 1/1 | 0.87 | 0.43 | 74,74,74,74 | 0 |
| 87 | MG | 1 | 3408 | 1/1 | 0.87 | 0.29 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 4146 | 7/7 | 0.87 | 0.20 | 39,39,39,39 | 2 |
| 88 | OHX | 6 | 2129 | 7/7 | 0.87 | 0.18 | 58,58,58,58 | 3 |
| 88 | OHX | 5 | 4149 | 7/7 | 0.87 | 0.12 | 101,101,101,101 | 7 |
| 88 | OHX | 6 | 2133 | 7/7 | 0.87 | 0.11 | 148,148,148,148 | 7 |
| 87 | MG | 2 | 1987 | 1/1 | 0.87 | 0.10 | 96,96,96,96 | 0 |
| 88 | OHX | 2 | 2070 | 7/7 | 0.87 | 0.17 | 100,100,100,100 | 5 |
| 87 | MG | 1 | 3552 | 1/1 | 0.87 | 0.39 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3433 | 1/1 | 0.87 | 0.25 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3626 | 1/1 | 0.87 | 0.27 | 53,53,53,53 | 0 |
| 88 | OHX | 1 | 4018 | 7/7 | 0.87 | 0.14 | 42,42,42,42 | 1 |
| 88 | OHX | 1 | 4024 | 7/7 | 0.87 | 0.14 | 61,61,61,61 | 1 |
| 88 | OHX | 2 | 2089 | 7/7 | 0.87 | 0.15 | 88,88,88,88 | 3 |
| 88 | OHX | 2 | 2091 | 7/7 | 0.87 | 0.15 | 85,85,85,85 | 4 |
| 87 | MG | 6 | 1910 | 1/1 | 0.87 | 0.26 | 59,59,59,59 | 0 |
| 88 | OHX | 6 | 2161 | 7/7 | 0.87 | 0.10 | 133,133,133,133 | 7 |
| 88 | OHX | 6 | 2163 | 7/7 | 0.87 | 0.21 | 62,62,62,62 | 7 |
| 87 | MG | 1 | 3735 | 1/1 | 0.87 | 0.53 | 38,38,38,38 | 0 |
| 88 | OHX | 14 | 401 | 7/7 | 0.87 | 0.11 | 69,69,69,69 | 5 |
| 88 | OHX | 15 | 302 | 7/7 | 0.87 | 0.11 | 105,105,105,105 | 5 |
| 87 | MG | 1 | 3500 | 1/1 | 0.87 | 0.31 | 40,40,40,40 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 19 | 201 | 7/7 | 0.87 | 0.14 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 4038 | 7/7 | 0.87 | 0.08 | 83,83,83,83 | 4 |
| 87 | MG | 1 | 3564 | 1/1 | 0.87 | 0.25 | 47,47,47,47 | 0 |
| 87 | MG | 5 | 3668 | 1/1 | 0.87 | 0.24 | 64,64,64,64 | 0 |
| 88 | OHX | 1 | 4022 | 7/7 | 0.88 | 0.21 | 50,50,50,50 | 4 |
| 87 | MG | 2 | 1952 | 1/1 | 0.88 | 0.16 | 71,71,71,71 | 0 |
| 87 | MG | 6 | 1994 | 1/1 | 0.88 | 0.14 | 57,57,57,57 | 1 |
| 87 | MG | 5 | 3500 | 1/1 | 0.88 | 0.25 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3467 | 1/1 | 0.88 | 0.18 | 54,54,54,54 | 0 |
| 88 | OHX | 5 | 4037 | 7/7 | 0.88 | 0.18 | 62,62,62,62 | 6 |
| 87 | MG | 5 | 3746 | 1/1 | 0.88 | 0.22 | 59,59,59,59 | 0 |
| 88 | OHX | 5 | 4041 | 7/7 | 0.88 | 0.19 | 47,47,47,47 | 3 |
| 88 | OHX | 6 | 2100 | 7/7 | 0.88 | 0.17 | 65,65,65,65 | 4 |
| 87 | MG | 1 | 3682 | 1/1 | 0.88 | 0.17 | 50,50,50,50 | 0 |
| 88 | OHX | 5 | 4047 | 7/7 | 0.88 | 0.15 | 52,52,52,52 | 3 |
| 88 | OHX | 5 | 4052 | 7/7 | 0.88 | 0.12 | 58,58,58,58 | 5 |
| 87 | MG | 1 | 3414 | 1/1 | 0.88 | 0.23 | 45,45,45,45 | 0 |
| 88 | OHX | 6 | 2111 | 7/7 | 0.88 | 0.14 | 94,94,94,94 | 7 |
| 88 | OHX | 6 | 2112 | 7/7 | 0.88 | 0.19 | 69,69,69,69 | 3 |
| 88 | OHX | 6 | 2113 | 7/7 | 0.88 | 0.14 | 66,66,66,66 | 2 |
| 87 | MG | 5 | 3520 | 1/1 | 0.88 | 0.39 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3524 | 1/1 | 0.88 | 0.26 | 35,35,35,35 | 0 |
| 88 | OHX | 5 | 4088 | 7/7 | 0.88 | 0.24 | 41,41,41,41 | 6 |
| 87 | MG | 1 | 3404 | 1/1 | 0.88 | 0.20 | 60,60,60,60 | 0 |
| 87 | MG | 1 | 3599 | 1/1 | 0.88 | 0.17 | 61,61,61,61 | 0 |
| 87 | MG | 1 | 3704 | 1/1 | 0.88 | 0.21 | 53,53,53,53 | 0 |
| 87 | MG | 5 | 3549 | 1/1 | 0.88 | 0.33 | 56,56,56,56 | 0 |
| 87 | MG | 1 | 3480 | 1/1 | 0.88 | 0.18 | 55,55,55,55 | 0 |
| 88 | OHX | 5 | 4097 | 7/7 | 0.88 | 0.12 | 132,132,132,132 | 5 |
| 87 | MG | O7 | 103 | 1/1 | 0.88 | 0.15 | 55,55,55,55 | 1 |
| 87 | MG | 6 | 1952 | 1/1 | 0.88 | 0.28 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 4100 | 7/7 | 0.88 | 0.21 | 50,50,50,50 | 4 |
| 88 | OHX | 5 | 4101 | 7/7 | 0.88 | 0.16 | 54,54,54,54 | 5 |
| 87 | MG | d6 | 102 | 1/1 | 0.88 | 0.18 | 65,65,65,65 | 0 |
| 88 | OHX | 1 | 4059 | 7/7 | 0.88 | 0.16 | 65,65,65,65 | 4 |
| 87 | MG | 5 | 3586 | 1/1 | 0.88 | 0.29 | 31,31,31,31 | 0 |
| 87 | MG | 2 | 1953 | 1/1 | 0.88 | 0.30 | 65,65,65,65 | 0 |
| 88 | OHX | 5 | 4112 | 7/7 | 0.88 | 0.14 | 57,57,57,57 | 3 |
| 88 | OHX | 5 | 4114 | 7/7 | 0.88 | 0.20 | 47,47,47,47 | 4 |
| 87 | MG | 5 | 3594 | 1/1 | 0.88 | 0.35 | 36,36,36,36 | 0 |
| 88 | OHX | 1 | 4065 | 7/7 | 0.88 | 0.12 | 98,98,98,98 | 7 |
| 87 | MG | 1 | 3422 | 1/1 | 0.88 | 0.30 | 58,58,58,58 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 4120 | 7/7 | 0.88 | 0.28 | 38,38,38,38 | 3 |
| 87 | MG | 1 | 3609 | 1/1 | 0.88 | 0.12 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 4122 | 7/7 | 0.88 | 0.15 | 55,55,55,55 | 4 |
| 88 | OHX | D9 | 103 | 7/7 | 0.88 | 0.16 | 89,89,89,89 | 5 |
| 88 | OHX | 5 | 4125 | 7/7 | 0.88 | 0.13 | 51,51,51,51 | 3 |
| 87 | MG | 6 | 1907 | 1/1 | 0.88 | 0.24 | 76,76,76,76 | 0 |
| 87 | MG | 1 | 3525 | 1/1 | 0.88 | 0.23 | 35,35,35,35 | 0 |
| 88 | OHX | 5 | 4130 | 7/7 | 0.88 | 0.18 | 54,54,54,54 | 5 |
| 88 | OHX | 1 | 3899 | 7/7 | 0.88 | 0.28 | 50,50,50,50 | 5 |
| 88 | OHX | 1 | 3906 | 7/7 | 0.88 | 0.16 | 59,59,59,59 | 2 |
| 87 | MG | 1 | 3528 | 1/1 | 0.88 | 0.30 | 40,40,40,40 | 0 |
| 88 | OHX | 1 | 3912 | 7/7 | 0.88 | 0.12 | 112,112,112,112 | 4 |
| 87 | MG | 1 | 3537 | 1/1 | 0.88 | 0.32 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3484 | 1/1 | 0.88 | 0.25 | 81,81,81,81 | 0 |
| 88 | OHX | 2 | 2051 | 7/7 | 0.88 | 0.09 | 136,136,136,136 | 4 |
| 88 | OHX | 6 | 2176 | 7/7 | 0.88 | 0.18 | 63,63,63,63 | 4 |
| 87 | MG | 5 | 3625 | 1/1 | 0.88 | 0.22 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3544 | 1/1 | 0.88 | 0.14 | 58,58,58,58 | 0 |
| 88 | OHX | 1 | 4095 | 7/7 | 0.88 | 0.14 | 45,45,45,45 | 3 |
| 87 | MG | 5 | 3633 | 1/1 | 0.88 | 0.13 | 43,43,43,43 | 0 |
| 87 | MG | 1 | 3423 | 1/1 | 0.88 | 0.21 | 49,49,49,49 | 0 |
| 87 | MG | 1 | 3488 | 1/1 | 0.88 | 0.33 | 46,46,46,46 | 0 |
| 87 | MG | 1 | 3559 | 1/1 | 0.88 | 0.28 | 33,33,33,33 | 0 |
| 87 | MG | 5 | 3458 | 1/1 | 0.88 | 0.23 | 39,39,39,39 | 0 |
| 87 | MG | 6 | 1920 | 1/1 | 0.88 | 0.27 | 53,53,53,53 | 0 |
| 87 | MG | 1 | 3638 | 1/1 | 0.88 | 0.25 | 69,69,69,69 | 0 |
| 88 | OHX | 5 | 3795 | 7/7 | 0.88 | 0.25 | 38,38,38,38 | 1 |
| 88 | OHX | 1 | 3989 | 7/7 | 0.88 | 0.12 | 78,78,78,78 | 3 |
| 88 | OHX | 7 | 227 | 7/7 | 0.88 | 0.10 | 59,59,59,59 | 3 |
| 88 | OHX | 8 | 223 | 7/7 | 0.88 | 0.12 | 95,95,95,95 | 3 |
| 87 | MG | 5 | 3673 | 1/1 | 0.88 | 0.15 | 48,48,48,48 | 1 |
| 87 | MG | 3 | 206 | 1/1 | 0.88 | 0.20 | 66,66,66,66 | 0 |
| 87 | MG | S4 | 301 | 1/1 | 0.88 | 0.16 | 88,88,88,88 | 0 |
| 87 | MG | 2 | 1906 | 1/1 | 0.88 | 0.19 | 67,67,67,67 | 0 |
| 88 | OHX | 1 | 4002 | 7/7 | 0.88 | 0.18 | 55,55,55,55 | 2 |
| 87 | MG | 4 | 202 | 1/1 | 0.88 | 0.24 | 53,53,53,53 | 0 |
| 87 | MG | 2 | 1930 | 1/1 | 0.88 | 0.29 | 76,76,76,76 | 0 |
| 87 | MG | 1 | 3566 | 1/1 | 0.88 | 0.37 | 53,53,53,53 | 0 |
| 87 | MG | 1 | 3573 | 1/1 | 0.88 | 0.33 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 3994 | 7/7 | 0.88 | 0.21 | 45,45,45,45 | 3 |
| 87 | MG | 6 | 1992 | 1/1 | 0.88 | 0.19 | 84,84,84,84 | 0 |
| 88 | OHX | 5 | 4015 | 7/7 | 0.88 | 0.15 | 66,66,66,66 | 4 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 4102 | 7/7 | 0.89 | 0.12 | 58,58,58,58 | 2 |
| 87 | MG | 1 | 3617 | 1/1 | 0.89 | 0.13 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 3969 | 7/7 | 0.89 | 0.17 | 64,64,64,64 | 4 |
| 87 | MG | 5 | 3676 | 1/1 | 0.89 | 0.06 | 62,62,62,62 | 0 |
| 88 | OHX | 5 | 3998 | 7/7 | 0.89 | 0.17 | 101,101,101,101 | 4 |
| 87 | MG | 1 | 3430 | 1/1 | 0.89 | 0.19 | 50,50,50,50 | 0 |
| 87 | MG | 1 | 3754 | 1/1 | 0.89 | 0.15 | 39,39,39,39 | 0 |
| 88 | OHX | 2 | 2092 | 7/7 | 0.89 | 0.10 | 113,113,113,113 | 5 |
| 88 | OHX | 5 | 4022 | 7/7 | 0.89 | 0.11 | 96,96,96,96 | 6 |
| 87 | MG | 5 | 3501 | 1/1 | 0.89 | 0.24 | 33,33,33,33 | 0 |
| 88 | OHX | 2 | 2095 | 7/7 | 0.89 | 0.18 | 70,70,70,70 | 5 |
| 88 | OHX | 1 | 3991 | 7/7 | 0.89 | 0.11 | 88,88,88,88 | 5 |
| 87 | MG | M8 | 201 | 1/1 | 0.89 | 0.12 | 51,51,51,51 | 0 |
| 87 | MG | 6 | 1925 | 1/1 | 0.89 | 0.37 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3405 | 1/1 | 0.89 | 0.29 | 34,34,34,34 | 0 |
| 87 | MG | 5 | 3406 | 1/1 | 0.89 | 0.17 | 47,47,47,47 | 0 |
| 87 | MG | O3 | 202 | 1/1 | 0.89 | 0.11 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3525 | 1/1 | 0.89 | 0.30 | 46,46,46,46 | 0 |
| 88 | OHX | O7 | 105 | 7/7 | 0.89 | 0.23 | 76,76,76,76 | 4 |
| 88 | OHX | 1 | 4008 | 7/7 | 0.89 | 0.17 | 53,53,53,53 | 6 |
| 88 | OHX | 5 | 4054 | 7/7 | 0.89 | 0.15 | 46,46,46,46 | 2 |
| 87 | MG | O4 | 201 | 1/1 | 0.89 | 0.17 | 73,73,73,73 | 0 |
| 88 | OHX | 6 | 2088 | 7/7 | 0.89 | 0.13 | 107,107,107,107 | 3 |
| 87 | MG | 5 | 3532 | 1/1 | 0.89 | 0.26 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 4074 | 7/7 | 0.89 | 0.15 | 53,53,53,53 | 4 |
| 88 | OHX | 5 | 4075 | 7/7 | 0.89 | 0.12 | 49,49,49,49 | 3 |
| 88 | OHX | 2 | 2120 | 7/7 | 0.89 | 0.12 | 123,123,123,123 | 5 |
| 88 | OHX | 1 | 4019 | 7/7 | 0.89 | 0.12 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 4020 | 7/7 | 0.89 | 0.19 | 46,46,46,46 | 4 |
| 88 | OHX | 2 | 2121 | 7/7 | 0.89 | 0.17 | 60,60,60,60 | 5 |
| 87 | MG | 1 | 3506 | 1/1 | 0.89 | 0.17 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3540 | 1/1 | 0.89 | 0.32 | 36,36,36,36 | 0 |
| 88 | OHX | 2 | 2124 | 7/7 | 0.89 | 0.19 | 88,88,88,88 | 7 |
| 87 | MG | 1 | 3508 | 1/1 | 0.89 | 0.23 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 4094 | 7/7 | 0.89 | 0.18 | 64,64,64,64 | 5 |
| 87 | MG | 1 | 3545 | 1/1 | 0.89 | 0.26 | 42,42,42,42 | 0 |
| 88 | OHX | 6 | 2120 | 7/7 | 0.89 | 0.16 | 84,84,84,84 | 5 |
| 88 | OHX | 6 | 2123 | 7/7 | 0.89 | 0.09 | 70,70,70,70 | 4 |
| 87 | MG | 6 | 1935 | 1/1 | 0.89 | 0.33 | 50,50,50,50 | 0 |
| 88 | OHX | 1 | 4033 | 7/7 | 0.89 | 0.18 | 52,52,52,52 | 5 |
| 87 | MG | 5 | 3426 | 1/1 | 0.89 | 0.20 | 65,65,65,65 | 0 |
| 88 | OHX | 1 | 4039 | 7/7 | 0.89 | 0.12 | 76,76,76,76 | 5 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 6 | 1901 | 1/1 | 0.89 | 0.37 | 55,55,55,55 | 0 |
| 87 | MG | 3 | 207 | 1/1 | 0.89 | 0.24 | 68,68,68,68 | 0 |
| 87 | MG | 6 | 1983 | 1/1 | 0.89 | 0.19 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3590 | 1/1 | 0.89 | 0.27 | 37,37,37,37 | 0 |
| 88 | OHX | 1 | 4047 | 7/7 | 0.89 | 0.21 | 48,48,48,48 | 3 |
| 87 | MG | 5 | 3433 | 1/1 | 0.89 | 0.20 | 60,60,60,60 | 0 |
| 88 | OHX | 6 | 2150 | 7/7 | 0.89 | 0.17 | 66,66,66,66 | 1 |
| 88 | OHX | 5 | 4117 | 7/7 | 0.89 | 0.23 | 36,36,36,36 | 2 |
| 87 | MG | 5 | 4166 | 1/1 | 0.89 | 0.37 | 68,68,68,68 | 0 |
| 87 | MG | 7 | 205 | 1/1 | 0.89 | 0.31 | 34,34,34,34 | 0 |
| 87 | MG | 2 | 1978 | 1/1 | 0.89 | 0.28 | 58,58,58,58 | 0 |
| 88 | OHX | 6 | 2156 | 7/7 | 0.89 | 0.17 | 62,62,62,62 | 4 |
| 87 | MG | 2 | 1943 | 1/1 | 0.89 | 0.23 | 78,78,78,78 | 0 |
| 88 | OHX | 6 | 2159 | 7/7 | 0.89 | 0.08 | 135,135,135,135 | 6 |
| 88 | OHX | 1 | 4057 | 7/7 | 0.89 | 0.15 | 77,77,77,77 | 3 |
| 87 | MG | 1 | 3468 | 1/1 | 0.89 | 0.21 | 48,48,48,48 | 0 |
| 88 | OHX | 6 | 2162 | 7/7 | 0.89 | 0.16 | 87,87,87,87 | 4 |
| 88 | OHX | 5 | 4131 | 7/7 | 0.89 | 0.12 | 59,59,59,59 | 2 |
| 87 | MG | 1 | 3447 | 1/1 | 0.89 | 0.18 | 41,41,41,41 | 0 |
| 87 | MG | 6 | 1944 | 1/1 | 0.89 | 0.34 | 70,70,70,70 | 0 |
| 88 | OHX | 1 | 4061 | 7/7 | 0.89 | 0.16 | 53,53,53,53 | 3 |
| 87 | MG | 6 | 1947 | 1/1 | 0.89 | 0.27 | 58,58,58,58 | 0 |
| 88 | OHX | 1 | 4063 | 7/7 | 0.89 | 0.16 | 55,55,55,55 | 4 |
| 87 | MG | 8 | 207 | 1/1 | 0.89 | 0.11 | 50,50,50,50 | 0 |
| 87 | MG | 1 | 3663 | 1/1 | 0.89 | 0.44 | 52,52,52,52 | 0 |
| 88 | OHX | 6 | 2172 | 7/7 | 0.89 | 0.27 | 73,73,73,73 | 6 |
| 88 | OHX | S9 | 202 | 7/7 | 0.89 | 0.19 | 87,87,87,87 | 5 |
| 87 | MG | 5 | 3475 | 1/1 | 0.89 | 0.23 | 34,34,34,34 | 0 |
| 87 | MG | 5 | 3476 | 1/1 | 0.89 | 0.11 | 46,46,46,46 | 0 |
| 87 | MG | 2 | 2153 | 1/1 | 0.89 | 0.23 | 77,77,77,77 | 0 |
| 88 | OHX | 1 | 3846 | 7/7 | 0.89 | 0.20 | 43,43,43,43 | 3 |
| 87 | MG | m6 | 202 | 1/1 | 0.89 | 0.25 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3627 | 1/1 | 0.89 | 0.09 | 48,48,48,48 | 0 |
| 87 | MG | n8 | 203 | 1/1 | 0.89 | 0.14 | 45,45,45,45 | 0 |
| 88 | OHX | 1 | 4081 | 7/7 | 0.89 | 0.13 | 61,61,61,61 | 5 |
| 88 | OHX | 6 | 2183 | 7/7 | 0.89 | 0.12 | 101,101,101,101 | 6 |
| 88 | OHX | 1 | 3900 | 7/7 | 0.89 | 0.13 | 51,51,51,51 | 3 |
| 88 | OHX | 7 | 223 | 7/7 | 0.89 | 0.14 | 65,65,65,65 | 1 |
| 87 | MG | 1 | 3665 | 1/1 | 0.89 | 0.22 | 63,63,63,63 | 0 |
| 88 | OHX | s4 | 301 | 7/7 | 0.89 | 0.12 | 82,82,82,82 | 2 |
| 88 | OHX | s8 | 302 | 7/7 | 0.89 | 0.09 | 108,108,108,108 | 5 |
| 87 | MG | 6 | 2000 | 1/1 | 0.89 | 0.25 | 47,47,47,47 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 2 | 2039 | 7/7 | 0.89 | 0.11 | 133,133,133,133 | 5 |
| 87 | MG | 1 | 3436 | 1/1 | 0.89 | 0.22 | 40,40,40,40 | 0 |
| 87 | MG | 1 | 3437 | 1/1 | 0.89 | 0.25 | 51,51,51,51 | 0 |
| 88 | OHX | 2 | 2060 | 7/7 | 0.89 | 0.13 | 73,73,73,73 | 1 |
| 88 | OHX | 5 | 3918 | 7/7 | 0.89 | 0.26 | 46,46,46,46 | 3 |
| 88 | OHX | 14 | 402 | 7/7 | 0.89 | 0.10 | 52,52,52,52 | 5 |
| 88 | OHX | 2 | 2062 | 7/7 | 0.89 | 0.19 | 93,93,93,93 | 4 |
| 87 | MG | 6 | 1918 | 1/1 | 0.89 | 0.36 | 48,48,48,48 | 0 |
| 88 | OHX | 1 | 3953 | 7/7 | 0.89 | 0.10 | 131,131,131,131 | 7 |
| 88 | OHX | m0 | 304 | 7/7 | 0.89 | 0.18 | 44,44,44,44 | 5 |
| 87 | MG | 1 | 3530 | 1/1 | 0.89 | 0.26 | 63,63,63,63 | 0 |
| 87 | MG | 5 | 3495 | 1/1 | 0.89 | 0.17 | 34,34,34,34 | 0 |
| 88 | OHX | 5 | 3988 | 7/7 | 0.89 | 0.12 | 54,54,54,54 | 2 |
| 87 | MG | 5 | 3779 | 1/1 | 0.90 | 0.08 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3705 | 1/1 | 0.90 | 0.11 | 48,48,48,48 | 0 |
| 88 | OHX | 1 | 4092 | 7/7 | 0.90 | 0.11 | 49,49,49,49 | 4 |
| 88 | OHX | 5 | 3967 | 7/7 | 0.90 | 0.19 | 45,45,45,45 | 2 |
| 88 | OHX | 5 | 3979 | 7/7 | 0.90 | 0.16 | 84,84,84,84 | 3 |
| 88 | OHX | 5 | 3983 | 7/7 | 0.90 | 0.21 | 42,42,42,42 | 3 |
| 87 | MG | M7 | 202 | 1/1 | 0.90 | 0.30 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3537 | 1/1 | 0.90 | 0.29 | 42,42,42,42 | 0 |
| 87 | MG | 5 | 3789 | 1/1 | 0.90 | 0.09 | 59,59,59,59 | 0 |
| 87 | MG | M7 | 203 | 1/1 | 0.90 | 0.20 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3792 | 1/1 | 0.90 | 0.11 | 44,44,44,44 | 1 |
| 87 | MG | 1 | 3419 | 1/1 | 0.90 | 0.20 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 3999 | 7/7 | 0.90 | 0.21 | 53,53,53,53 | 1 |
| 87 | MG | O3 | 201 | 1/1 | 0.90 | 0.18 | 44,44,44,44 | 1 |
| 88 | OHX | 5 | 4005 | 7/7 | 0.90 | 0.14 | 78,78,78,78 | 6 |
| 88 | OHX | 5 | 4011 | 7/7 | 0.90 | 0.14 | 56,56,56,56 | 1 |
| 87 | MG | 1 | 3463 | 1/1 | 0.90 | 0.09 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3561 | 1/1 | 0.90 | 0.29 | 35,35,35,35 | 0 |
| 87 | MG | 1 | 3518 | 1/1 | 0.90 | 0.38 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3487 | 1/1 | 0.90 | 0.23 | 35,35,35,35 | 0 |
| 87 | MG | 1 | 3720 | 1/1 | 0.90 | 0.20 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3571 | 1/1 | 0.90 | 0.40 | 39,39,39,39 | 0 |
| 87 | MG | 6 | 1957 | 1/1 | 0.90 | 0.34 | 65,65,65,65 | 0 |
| 88 | OHX | 5 | 4035 | 7/7 | 0.90 | 0.23 | 42,42,42,42 | 4 |
| 87 | MG | 1 | 3619 | 1/1 | 0.90 | 0.12 | 49,49,49,49 | 0 |
| 87 | MG | 5 | 3425 | 1/1 | 0.90 | 0.30 | 37,37,37,37 | 0 |
| 87 | MG | 1 | 3724 | 1/1 | 0.90 | 0.19 | 86,86,86,86 | 0 |
| 87 | MG | 6 | 1903 | 1/1 | 0.90 | 0.26 | 53,53,53,53 | 0 |
| 88 | OHX | L5 | 301 | 7/7 | 0.90 | 0.13 | 81,81,81,81 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3726 | 1/1 | 0.90 | 0.28 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3602 | 1/1 | 0.90 | 0.22 | 35,35,35,35 | 0 |
| 88 | OHX | M8 | 202 | 7/7 | 0.90 | 0.11 | 49,49,49,49 | 2 |
| 87 | MG | 1 | 3522 | 1/1 | 0.90 | 0.15 | 48,48,48,48 | 0 |
| 88 | OHX | 5 | 4064 | 7/7 | 0.90 | 0.22 | 38,38,38,38 | 3 |
| 88 | OHX | 5 | 4065 | 7/7 | 0.90 | 0.07 | 82,82,82,82 | 3 |
| 88 | OHX | 5 | 4066 | 7/7 | 0.90 | 0.16 | 53,53,53,53 | 3 |
| 88 | OHX | 5 | 4068 | 7/7 | 0.90 | 0.31 | 38,38,38,38 | 4 |
| 87 | MG | n9 | 102 | 1/1 | 0.90 | 0.14 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3729 | 1/1 | 0.90 | 0.21 | 55,55,55,55 | 0 |
| 88 | OHX | 1 | 3978 | 7/7 | 0.90 | 0.11 | 74,74,74,74 | 5 |
| 88 | OHX | 6 | 2073 | 7/7 | 0.90 | 0.19 | 68,68,68,68 | 5 |
| 88 | OHX | 1 | 3982 | 7/7 | 0.90 | 0.13 | 50,50,50,50 | 2 |
| 88 | OHX | 5 | 4081 | 7/7 | 0.90 | 0.17 | 72,72,72,72 | 4 |
| 87 | MG | 1 | 3427 | 1/1 | 0.90 | 0.30 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 4083 | 7/7 | 0.90 | 0.15 | 74,74,74,74 | 5 |
| 88 | OHX | 2 | 2014 | 7/7 | 0.90 | 0.19 | 75,75,75,75 | 4 |
| 88 | OHX | 5 | 4086 | 7/7 | 0.90 | 0.11 | 45,45,45,45 | 4 |
| 87 | MG | 5 | 3614 | 1/1 | 0.90 | 0.32 | 44,44,44,44 | 0 |
| 88 | OHX | 6 | 2099 | 7/7 | 0.90 | 0.15 | 64,64,64,64 | 5 |
| 88 | OHX | 2 | 2046 | 7/7 | 0.90 | 0.16 | 98,98,98,98 | 5 |
| 88 | OHX | 6 | 2102 | 7/7 | 0.90 | 0.15 | 69,69,69,69 | 3 |
| 87 | MG | 5 | 3617 | 1/1 | 0.90 | 0.09 | 35,35,35,35 | 0 |
| 87 | MG | 1 | 3571 | 1/1 | 0.90 | 0.42 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3629 | 1/1 | 0.90 | 0.26 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3466 | 1/1 | 0.90 | 0.18 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3750 | 1/1 | 0.90 | 0.08 | 55,55,55,55 | 0 |
| 88 | OHX | 2 | 2065 | 7/7 | 0.90 | 0.12 | 117,117,117,117 | 3 |
| 88 | OHX | 1 | 4005 | 7/7 | 0.90 | 0.15 | 60,60,60,60 | 5 |
| 87 | MG | 1 | 3752 | 1/1 | 0.90 | 0.15 | 51,51,51,51 | 0 |
| 88 | OHX | 6 | 2121 | 7/7 | 0.90 | 0.14 | 89,89,89,89 | 5 |
| 87 | MG | D9 | 102 | 1/1 | 0.90 | 0.18 | 90,90,90,90 | 0 |
| 87 | MG | 5 | 3637 | 1/1 | 0.90 | 0.31 | 57,57,57,57 | 0 |
| 88 | OHX | 1 | 4013 | 7/7 | 0.90 | 0.10 | 60,60,60,60 | 3 |
| 88 | OHX | 2 | 2083 | 7/7 | 0.90 | 0.11 | 100,100,100,100 | 6 |
| 87 | MG | 5 | 3474 | 1/1 | 0.90 | 0.29 | 39,39,39,39 | 0 |
| 88 | OHX | 6 | 2130 | 7/7 | 0.90 | 0.13 | 61,61,61,61 | 3 |
| 87 | MG | 5 | 3642 | 1/1 | 0.90 | 0.26 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3641 | 1/1 | 0.90 | 0.26 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 4109 | 1/1 | 0.90 | 0.17 | 56,56,56,56 | 0 |
| 87 | MG | 2 | 1980 | 1/1 | 0.90 | 0.21 | 89,89,89,89 | 0 |
| 87 | MG | 1 | 3586 | 1/1 | 0.90 | 0.20 | 51,51,51,51 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 2 | 2097 | 7/7 | 0.90 | 0.16 | 88,88,88,88 | 4 |
| 87 | MG | 1 | 3587 | 1/1 | 0.90 | 0.14 | 63,63,63,63 | 0 |
| 87 | MG | 1 | 3589 | 1/1 | 0.90 | 0.20 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 4127 | 7/7 | 0.90 | 0.17 | 45,45,45,45 | 5 |
| 87 | MG | 5 | 3675 | 1/1 | 0.90 | 0.13 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3535 | 1/1 | 0.90 | 0.40 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3670 | 1/1 | 0.90 | 0.09 | 44,44,44,44 | 0 |
| 88 | OHX | 2 | 2114 | 7/7 | 0.90 | 0.15 | 99,99,99,99 | 4 |
| 87 | MG | 5 | 3490 | 1/1 | 0.90 | 0.13 | 51,51,51,51 | 0 |
| 88 | OHX | 5 | 4133 | 7/7 | 0.90 | 0.32 | 38,38,38,38 | 4 |
| 88 | OHX | 2 | 2116 | 7/7 | 0.90 | 0.10 | 146,146,146,146 | 7 |
| 87 | MG | 5 | 3686 | 1/1 | 0.90 | 0.11 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3688 | 1/1 | 0.90 | 0.26 | 66,66,66,66 | 0 |
| 87 | MG | 5 | 3491 | 1/1 | 0.90 | 0.26 | 46,46,46,46 | 0 |
| 88 | OHX | 5 | 4139 | 7/7 | 0.90 | 0.11 | 58,58,58,58 | 5 |
| 87 | MG | 5 | 3699 | 1/1 | 0.90 | 0.23 | 35,35,35,35 | 0 |
| 88 | OHX | 1 | 4049 | 7/7 | 0.90 | 0.13 | 99,99,99,99 | 3 |
| 87 | MG | 1 | 3596 | 1/1 | 0.90 | 0.27 | 64,64,64,64 | 0 |
| 88 | OHX | 5 | 4145 | 7/7 | 0.90 | 0.14 | 47,47,47,47 | 4 |
| 88 | OHX | 6 | 2168 | 7/7 | 0.90 | 0.12 | 72,72,72,72 | 3 |
| 87 | MG | 1 | 3536 | 1/1 | 0.90 | 0.28 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3716 | 1/1 | 0.90 | 0.18 | 40,40,40,40 | 0 |
| 88 | OHX | 2 | 2125 | 7/7 | 0.90 | 0.09 | 113,113,113,113 | 4 |
| 87 | MG | 5 | 3717 | 1/1 | 0.90 | 0.22 | 44,44,44,44 | 0 |
| 87 | MG | 6 | 1995 | 1/1 | 0.90 | 0.25 | 67,67,67,67 | 0 |
| 87 | MG | 2 | 1982 | 1/1 | 0.90 | 0.11 | 75,75,75,75 | 0 |
| 87 | MG | 6 | 1998 | 1/1 | 0.90 | 0.16 | 55,55,55,55 | 0 |
| 87 | MG | 1 | 3454 | 1/1 | 0.90 | 0.27 | 43,43,43,43 | 0 |
| 88 | OHX | 2 | 2131 | 7/7 | 0.90 | 0.20 | 86,86,86,86 | 6 |
| 87 | MG | 5 | 3504 | 1/1 | 0.90 | 0.36 | 36,36,36,36 | 0 |
| 88 | OHX | 2 | 2134 | 7/7 | 0.90 | 0.13 | 85,85,85,85 | 4 |
| 87 | MG | 6 | 2004 | 1/1 | 0.90 | 0.15 | 90,90,90,90 | 0 |
| 87 | MG | 1 | 3681 | 1/1 | 0.90 | 0.20 | 54,54,54,54 | 0 |
| 88 | OHX | 8 | 214 | 7/7 | 0.90 | 0.22 | 80,80,80,80 | 4 |
| 87 | MG | 5 | 3745 | 1/1 | 0.90 | 0.12 | 39,39,39,39 | 0 |
| 88 | OHX | 2 | 2140 | 7/7 | 0.90 | 0.21 | 65,65,65,65 | 4 |
| 88 | OHX | 2 | 2141 | 7/7 | 0.90 | 0.10 | 78,78,78,78 | 5 |
| 87 | MG | 5 | 3514 | 1/1 | 0.90 | 0.38 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3539 | 1/1 | 0.90 | 0.19 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3751 | 1/1 | 0.90 | 0.08 | 51,51,51,51 | 0 |
| 88 | OHX | 8 | 231 | 7/7 | 0.90 | 0.14 | 62,62,62,62 | 3 |
| 88 | OHX | 8 | 232 | 7/7 | 0.90 | 0.14 | 48,48,48,48 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3755 | 1/1 | 0.90 | 0.18 | 64,64,64,64 | 0 |
| 87 | MG | 1 | 3456 | 1/1 | 0.90 | 0.28 | 33,33,33,33 | 0 |
| 87 | MG | 1 | 3459 | 1/1 | 0.90 | 0.15 | 52,52,52,52 | 0 |
| 88 | OHX | 1 | 4085 | 7/7 | 0.90 | 0.11 | 42,42,42,42 | 3 |
| 87 | MG | 1 | 3610 | 1/1 | 0.90 | 0.14 | 39,39,39,39 | 1 |
| 87 | MG | 1 | 3461 | 1/1 | 0.90 | 0.21 | 46,46,46,46 | 0 |
| 88 | OHX | m7 | 204 | 7/7 | 0.90 | 0.10 | 50,50,50,50 | 4 |
| 88 | OHX | 5 | 3933 | 7/7 | 0.90 | 0.15 | 64,64,64,64 | 3 |
| 88 | OHX | 5 | 3939 | 7/7 | 0.90 | 0.26 | 46,46,46,46 | 3 |
| 87 | MG | 5 | 3778 | 1/1 | 0.90 | 0.13 | 64,64,64,64 | 0 |
| 87 | MG | 6 | 2005 | 1/1 | 0.91 | 0.34 | 72,72,72,72 | 0 |
| 87 | MG | 5 | 3643 | 1/1 | 0.91 | 0.13 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3644 | 1/1 | 0.91 | 0.19 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 3962 | 7/7 | 0.91 | 0.15 | 42,42,42,42 | 3 |
| 87 | MG | 1 | 3751 | 1/1 | 0.91 | 0.19 | 61,61,61,61 | 0 |
| 87 | MG | 2 | 1946 | 1/1 | 0.91 | 0.37 | 66,66,66,66 | 0 |
| 88 | OHX | L4 | 401 | 7/7 | 0.91 | 0.09 | 61,61,61,61 | 6 |
| 87 | MG | 6 | 1950 | 1/1 | 0.91 | 0.20 | 76,76,76,76 | 0 |
| 88 | OHX | 2 | 2053 | 7/7 | 0.91 | 0.10 | 120,120,120,120 | 5 |
| 87 | MG | 5 | 3664 | 1/1 | 0.91 | 0.08 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3665 | 1/1 | 0.91 | 0.14 | 39,39,39,39 | 1 |
| 88 | OHX | 1 | 3981 | 7/7 | 0.91 | 0.14 | 49,49,49,49 | 3 |
| 87 | MG | 1 | 3581 | 1/1 | 0.91 | 0.22 | 42,42,42,42 | 0 |
| 87 | MG | 2 | 1935 | 1/1 | 0.91 | 0.37 | 67,67,67,67 | 0 |
| 87 | MG | 6 | 2012 | 1/1 | 0.91 | 0.22 | 72,72,72,72 | 0 |
| 88 | OHX | 6 | 2072 | 7/7 | 0.91 | 0.20 | 70,70,70,70 | 3 |
| 87 | MG | 6 | 2186 | 1/1 | 0.91 | 0.24 | 67,67,67,67 | 0 |
| 88 | OHX | 2 | 2074 | 7/7 | 0.91 | 0.10 | 179,179,179,179 | 7 |
| 87 | MG | 1 | 3465 | 1/1 | 0.91 | 0.25 | 30,30,30,30 | 0 |
| 88 | OHX | 2 | 2081 | 7/7 | 0.91 | 0.12 | 78,78,78,78 | 6 |
| 87 | MG | 5 | 3678 | 1/1 | 0.91 | 0.09 | 52,52,52,52 | 0 |
| 88 | OHX | 5 | 4057 | 7/7 | 0.91 | 0.17 | 73,73,73,73 | 6 |
| 88 | OHX | 6 | 2097 | 7/7 | 0.91 | 0.10 | 97,97,97,97 | 3 |
| 88 | OHX | 5 | 4062 | 7/7 | 0.91 | 0.15 | 50,50,50,50 | 5 |
| 88 | OHX | 5 | 4063 | 7/7 | 0.91 | 0.14 | 54,54,54,54 | 2 |
| 87 | MG | 1 | 3689 | 1/1 | 0.91 | 0.19 | 55,55,55,55 | 0 |
| 88 | OHX | 2 | 2087 | 7/7 | 0.91 | 0.14 | 100,100,100,100 | 6 |
| 87 | MG | 1 | 3520 | 1/1 | 0.91 | 0.29 | 53,53,53,53 | 0 |
| 87 | MG | 3 | 204 | 1/1 | 0.91 | 0.29 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3687 | 1/1 | 0.91 | 0.20 | 47,47,47,47 | 0 |
| 88 | OHX | 6 | 2110 | 7/7 | 0.91 | 0.15 | 65,65,65,65 | 3 |
| 88 | OHX | 5 | 4071 | 7/7 | 0.91 | 0.18 | 42,42,42,42 | 4 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3515 | 1/1 | 0.91 | 0.20 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3502 | 1/1 | 0.91 | 0.26 | 38,38,38,38 | 0 |
| 88 | OHX | 2 | 2096 | 7/7 | 0.91 | 0.15 | 100,100,100,100 | 4 |
| 87 | MG | 5 | 3517 | 1/1 | 0.91 | 0.19 | 42,42,42,42 | 0 |
| 88 | OHX | 2 | 2098 | 7/7 | 0.91 | 0.17 | 70,70,70,70 | 3 |
| 88 | OHX | 6 | 2119 | 7/7 | 0.91 | 0.10 | 62,62,62,62 | 2 |
| 87 | MG | 6 | 1960 | 1/1 | 0.91 | 0.20 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3521 | 1/1 | 0.91 | 0.29 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3695 | 1/1 | 0.91 | 0.29 | 59,59,59,59 | 0 |
| 88 | OHX | 6 | 2124 | 7/7 | 0.91 | 0.15 | 81,81,81,81 | 4 |
| 87 | MG | 2 | 1990 | 1/1 | 0.91 | 0.12 | 74,74,74,74 | 0 |
| 87 | MG | 1 | 3592 | 1/1 | 0.91 | 0.23 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 4092 | 7/7 | 0.91 | 0.20 | 64,64,64,64 | 5 |
| 87 | MG | 1 | 3594 | 1/1 | 0.91 | 0.25 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3416 | 1/1 | 0.91 | 0.10 | 49,49,49,49 | 0 |
| 87 | MG | 5 | 3732 | 1/1 | 0.91 | 0.15 | 49,49,49,49 | 0 |
| 87 | MG | 2 | 1986 | 1/1 | 0.91 | 0.10 | 99,99,99,99 | 0 |
| 88 | OHX | 2 | 2118 | 7/7 | 0.91 | 0.15 | 82,82,82,82 | 5 |
| 88 | OHX | 6 | 2135 | 7/7 | 0.91 | 0.13 | 88,88,88,88 | 5 |
| 88 | OHX | 6 | 2136 | 7/7 | 0.91 | 0.09 | 165,165,165,165 | 7 |
| 88 | OHX | 1 | 4037 | 7/7 | 0.91 | 0.14 | 60,60,60,60 | 6 |
| 87 | MG | 5 | 3538 | 1/1 | 0.91 | 0.29 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3714 | 1/1 | 0.91 | 0.14 | 46,46,46,46 | 0 |
| 88 | OHX | 6 | 2141 | 7/7 | 0.91 | 0.09 | 87,87,87,87 | 5 |
| 88 | OHX | 5 | 4105 | 7/7 | 0.91 | 0.21 | 44,44,44,44 | 5 |
| 88 | OHX | 5 | 4110 | 7/7 | 0.91 | 0.15 | 54,54,54,54 | 5 |
| 87 | MG | 5 | 3541 | 1/1 | 0.91 | 0.31 | 38,38,38,38 | 0 |
| 87 | MG | 4 | 207 | 1/1 | 0.91 | 0.11 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 4113 | 7/7 | 0.91 | 0.16 | 53,53,53,53 | 3 |
| 87 | MG | 5 | 3548 | 1/1 | 0.91 | 0.32 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3527 | 1/1 | 0.91 | 0.23 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3552 | 1/1 | 0.91 | 0.29 | 46,46,46,46 | 0 |
| 87 | MG | 1 | 3642 | 1/1 | 0.91 | 0.26 | 37,37,37,37 | 0 |
| 87 | MG | 1 | 3651 | 1/1 | 0.91 | 0.22 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3485 | 1/1 | 0.91 | 0.31 | 32,32,32,32 | 0 |
| 87 | MG | 6 | 1926 | 1/1 | 0.91 | 0.25 | 57,57,57,57 | 0 |
| 87 | MG | 5 | 3768 | 1/1 | 0.91 | 0.14 | 62,62,62,62 | 0 |
| 88 | OHX | 1 | 4055 | 7/7 | 0.91 | 0.20 | 71,71,71,71 | 5 |
| 87 | MG | 5 | 3773 | 1/1 | 0.91 | 0.13 | 40,40,40,40 | 0 |
| 87 | MG | 1 | 3424 | 1/1 | 0.91 | 0.07 | 61,61,61,61 | 0 |
| 87 | MG | 5 | 3443 | 1/1 | 0.91 | 0.22 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3575 | 1/1 | 0.91 | 0.37 | 42,42,42,42 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3579 | 1/1 | 0.91 | 0.23 | 32,32,32,32 | 0 |
| 87 | MG | 5 | 3582 | 1/1 | 0.91 | 0.34 | 34,34,34,34 | 0 |
| 87 | MG | 6 | 1984 | 1/1 | 0.91 | 0.08 | 72,72,72,72 | 0 |
| 87 | MG | 5 | 3787 | 1/1 | 0.91 | 0.16 | 42,42,42,42 | 0 |
| 88 | OHX | 2 | 2142 | 7/7 | 0.91 | 0.18 | 101,101,101,101 | 6 |
| 88 | OHX | 5 | 4135 | 7/7 | 0.91 | 0.12 | 68,68,68,68 | 3 |
| 87 | MG | 5 | 3589 | 1/1 | 0.91 | 0.37 | 33,33,33,33 | 0 |
| 87 | MG | 1 | 3533 | 1/1 | 0.91 | 0.24 | 50,50,50,50 | 0 |
| 88 | OHX | 1 | 4068 | 7/7 | 0.91 | 0.19 | 50,50,50,50 | 6 |
| 88 | OHX | 1 | 4069 | 7/7 | 0.91 | 0.18 | 51,51,51,51 | 3 |
| 87 | MG | 5 | 3455 | 1/1 | 0.91 | 0.13 | 45,45,45,45 | 0 |
| 87 | MG | L7 | 302 | 1/1 | 0.91 | 0.17 | 47,47,47,47 | 0 |
| 87 | MG | 5 | 3461 | 1/1 | 0.91 | 0.25 | 48,48,48,48 | 0 |
| 87 | MG | L7 | 303 | 1/1 | 0.91 | 0.07 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3534 | 1/1 | 0.91 | 0.31 | 40,40,40,40 | 0 |
| 88 | OHX | 1 | 4076 | 7/7 | 0.91 | 0.29 | 48,48,48,48 | 3 |
| 88 | OHX | 1 | 4077 | 7/7 | 0.91 | 0.14 | 56,56,56,56 | 5 |
| 87 | MG | 1 | 3568 | 1/1 | 0.91 | 0.33 | 40,40,40,40 | 0 |
| 87 | MG | 1 | 3668 | 1/1 | 0.91 | 0.14 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3469 | 1/1 | 0.91 | 0.17 | 63,63,63,63 | 0 |
| 87 | MG | 1 | 3739 | 1/1 | 0.91 | 0.21 | 45,45,45,45 | 0 |
| 88 | OHX | 5 | 4154 | 7/7 | 0.91 | 0.14 | 42,42,42,42 | 3 |
| 88 | OHX | c5 | 800 | 7/7 | 0.91 | 0.10 | 117,117,117,117 | 5 |
| 88 | OHX | 5 | 4156 | 7/7 | 0.91 | 0.11 | 78,78,78,78 | 7 |
| 87 | MG | 8 | 203 | 1/1 | 0.91 | 0.18 | 52,52,52,52 | 0 |
| 87 | MG | 8 | 205 | 1/1 | 0.91 | 0.15 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3612 | 1/1 | 0.91 | 0.15 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 3904 | 7/7 | 0.91 | 0.24 | 67,67,67,67 | 3 |
| 87 | MG | 1 | 3744 | 1/1 | 0.91 | 0.29 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3452 | 1/1 | 0.91 | 0.19 | 36,36,36,36 | 0 |
| 88 | OHX | 5 | 3920 | 7/7 | 0.91 | 0.15 | 48,48,48,48 | 2 |
| 87 | MG | 5 | 3480 | 1/1 | 0.91 | 0.24 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 3932 | 7/7 | 0.91 | 0.19 | 88,88,88,88 | 3 |
| 88 | OHX | 1 | 3881 | 7/7 | 0.91 | 0.17 | 60,60,60,60 | 1 |
| 88 | OHX | 1 | 4094 | 7/7 | 0.91 | 0.11 | 60,60,60,60 | 3 |
| 87 | MG | l2 | 301 | 1/1 | 0.91 | 0.22 | 40,40,40,40 | 0 |
| 87 | MG | l7 | 301 | 1/1 | 0.91 | 0.15 | 46,46,46,46 | 0 |
| 87 | MG | 6 | 1999 | 1/1 | 0.91 | 0.26 | 57,57,57,57 | 0 |
| 87 | MG | 1 | 3747 | 1/1 | 0.91 | 0.23 | 55,55,55,55 | 0 |
| 88 | OHX | 1 | 3908 | 7/7 | 0.91 | 0.17 | 80,80,80,80 | 2 |
| 87 | MG | m7 | 201 | 1/1 | 0.91 | 0.28 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 3981 | 7/7 | 0.91 | 0.11 | 60,60,60,60 | 5 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3632 | 1/1 | 0.91 | 0.18 | 51,51,51,51 | 0 |
| 88 | OHX | 1 | 3923 | 7/7 | 0.91 | 0.20 | 36,36,36,36 | 2 |
| 87 | MG | 1 | 3575 | 1/1 | 0.91 | 0.26 | 35,35,35,35 | 0 |
| 88 | OHX | 1 | 3926 | 7/7 | 0.91 | 0.15 | 50,50,50,50 | 3 |
| 87 | MG | 5 | 3487 | 1/1 | 0.91 | 0.19 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3488 | 1/1 | 0.91 | 0.33 | 34,34,34,34 | 0 |
| 88 | OHX | 5 | 3996 | 7/7 | 0.91 | 0.12 | 116,116,116,116 | 3 |
| 88 | OHX | 1 | 4082 | 7/7 | 0.92 | 0.15 | 44,44,44,44 | 4 |
| 87 | MG | 5 | 4160 | 1/1 | 0.92 | 0.17 | 39,39,39,39 | 0 |
| 87 | MG | 1 | 3438 | 1/1 | 0.92 | 0.22 | 36,36,36,36 | 0 |
| 87 | MG | 5 | 3618 | 1/1 | 0.92 | 0.16 | 56,56,56,56 | 0 |
| 88 | OHX | 5 | 3966 | 7/7 | 0.92 | 0.14 | 55,55,55,55 | 4 |
| 87 | MG | 5 | 3619 | 1/1 | 0.92 | 0.18 | 53,53,53,53 | 0 |
| 87 | MG | 7 | 208 | 1/1 | 0.92 | 0.30 | 55,55,55,55 | 0 |
| 88 | OHX | 5 | 3980 | 7/7 | 0.92 | 0.15 | 54,54,54,54 | 3 |
| 87 | MG | 5 | 3620 | 1/1 | 0.92 | 0.21 | 44,44,44,44 | 0 |
| 87 | MG | 6 | 1905 | 1/1 | 0.92 | 0.34 | 67,67,67,67 | 0 |
| 87 | MG | 5 | 3494 | 1/1 | 0.92 | 0.19 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3624 | 1/1 | 0.92 | 0.28 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3432 | 1/1 | 0.92 | 0.13 | 51,51,51,51 | 0 |
| 88 | OHX | SR | 401 | 7/7 | 0.92 | 0.10 | 133,133,133,133 | 5 |
| 88 | OHX | 1 | 3838 | 7/7 | 0.92 | 0.16 | 78,78,78,78 | 3 |
| 87 | MG | 8 | 202 | 1/1 | 0.92 | 0.23 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 3853 | 7/7 | 0.92 | 0.16 | 70,70,70,70 | 1 |
| 87 | MG | 3 | 205 | 1/1 | 0.92 | 0.36 | 60,60,60,60 | 0 |
| 87 | MG | 8 | 204 | 1/1 | 0.92 | 0.18 | 52,52,52,52 | 0 |
| 88 | OHX | 1 | 4103 | 7/7 | 0.92 | 0.17 | 46,46,46,46 | 4 |
| 88 | OHX | 1 | 3870 | 7/7 | 0.92 | 0.17 | 43,43,43,43 | 3 |
| 88 | OHX | 1 | 3873 | 7/7 | 0.92 | 0.21 | 50,50,50,50 | 2 |
| 88 | OHX | 5 | 4016 | 7/7 | 0.92 | 0.15 | 78,78,78,78 | 3 |
| 88 | OHX | 5 | 4018 | 7/7 | 0.92 | 0.09 | 87,87,87,87 | 4 |
| 88 | OHX | 3 | 211 | 7/7 | 0.92 | 0.20 | 55,55,55,55 | 2 |
| 87 | MG | d2 | 201 | 1/1 | 0.92 | 0.25 | 71,71,71,71 | 0 |
| 87 | MG | 1 | 3716 | 1/1 | 0.92 | 0.17 | 44,44,44,44 | 0 |
| 87 | MG | sM | 301 | 1/1 | 0.92 | 0.17 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3636 | 1/1 | 0.92 | 0.08 | 54,54,54,54 | 0 |
| 88 | OHX | 5 | 4031 | 7/7 | 0.92 | 0.21 | 60,60,60,60 | 5 |
| 87 | MG | 5 | 3503 | 1/1 | 0.92 | 0.11 | 47,47,47,47 | 0 |
| 88 | OHX | 4 | 228 | 7/7 | 0.92 | 0.12 | 96,96,96,96 | 3 |
| 88 | OHX | 5 | 4036 | 7/7 | 0.92 | 0.11 | 47,47,47,47 | 3 |
| 87 | MG | 5 | 3403 | 1/1 | 0.92 | 0.23 | 41,41,41,41 | 0 |
| 87 | MG | l5 | 301 | 1/1 | 0.92 | 0.06 | 56,56,56,56 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3914 | 7/7 | 0.92 | 0.16 | 70,70,70,70 | 4 |
| 88 | OHX | 5 | 4042 | 7/7 | 0.92 | 0.13 | 47,47,47,47 | 3 |
| 87 | MG | 5 | 3641 | 1/1 | 0.92 | 0.17 | 39,39,39,39 | 0 |
| 87 | MG | 1 | 3591 | 1/1 | 0.92 | 0.17 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3498 | 1/1 | 0.92 | 0.29 | 32,32,32,32 | 0 |
| 87 | MG | 1 | 3620 | 1/1 | 0.92 | 0.20 | 39,39,39,39 | 0 |
| 88 | OHX | 1 | 3932 | 7/7 | 0.92 | 0.10 | 87,87,87,87 | 2 |
| 88 | OHX | 5 | 4055 | 7/7 | 0.92 | 0.11 | 44,44,44,44 | 3 |
| 87 | MG | 1 | 3673 | 1/1 | 0.92 | 0.13 | 61,61,61,61 | 0 |
| 88 | OHX | 5 | 4060 | 7/7 | 0.92 | 0.18 | 38,38,38,38 | 4 |
| 87 | MG | 5 | 3651 | 1/1 | 0.92 | 0.10 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3653 | 1/1 | 0.92 | 0.24 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3655 | 1/1 | 0.92 | 0.17 | 42,42,42,42 | 0 |
| 87 | MG | q0 | 202 | 1/1 | 0.92 | 0.08 | 50,50,50,50 | 0 |
| 87 | MG | 1 | 3723 | 1/1 | 0.92 | 0.21 | 70,70,70,70 | 0 |
| 87 | MG | f | 1003 | 1/1 | 0.92 | 0.11 | 50,50,50,50 | 0 |
| 87 | MG | 1 | 3523 | 1/1 | 0.92 | 0.29 | 33,33,33,33 | 0 |
| 88 | OHX | 2 | 2035 | 7/7 | 0.92 | 0.15 | 100,100,100,100 | 6 |
| 87 | MG | 1 | 3725 | 1/1 | 0.92 | 0.21 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3417 | 1/1 | 0.92 | 0.24 | 38,38,38,38 | 0 |
| 87 | MG | 1 | 3511 | 1/1 | 0.92 | 0.21 | 36,36,36,36 | 0 |
| 87 | MG | 6 | 1971 | 1/1 | 0.92 | 0.22 | 56,56,56,56 | 0 |
| 88 | OHX | 5 | 4078 | 7/7 | 0.92 | 0.16 | 38,38,38,38 | 5 |
| 87 | MG | 5 | 3671 | 1/1 | 0.92 | 0.18 | 44,44,44,44 | 0 |
| 88 | OHX | 6 | 2101 | 7/7 | 0.92 | 0.13 | 88,88,88,88 | 3 |
| 88 | OHX | 2 | 2056 | 7/7 | 0.92 | 0.12 | 108,108,108,108 | 5 |
| 88 | OHX | 6 | 2104 | 7/7 | 0.92 | 0.10 | 83,83,83,83 | 5 |
| 88 | OHX | 6 | 2105 | 7/7 | 0.92 | 0.14 | 83,83,83,83 | 2 |
| 87 | MG | 2 | 2155 | 1/1 | 0.92 | 0.10 | 83,83,83,83 | 0 |
| 88 | OHX | 2 | 2061 | 7/7 | 0.92 | 0.19 | 63,63,63,63 | 4 |
| 87 | MG | 5 | 3674 | 1/1 | 0.92 | 0.12 | 50,50,50,50 | 0 |
| 88 | OHX | 2 | 2063 | 7/7 | 0.92 | 0.15 | 80,80,80,80 | 4 |
| 87 | MG | 1 | 3541 | 1/1 | 0.92 | 0.30 | 39,39,39,39 | 0 |
| 88 | OHX | 1 | 3994 | 7/7 | 0.92 | 0.10 | 47,47,47,47 | 2 |
| 87 | MG | 6 | 1977 | 1/1 | 0.92 | 0.14 | 70,70,70,70 | 0 |
| 88 | OHX | 2 | 2069 | 7/7 | 0.92 | 0.09 | 122,122,122,122 | 3 |
| 88 | OHX | 6 | 2118 | 7/7 | 0.92 | 0.12 | 62,62,62,62 | 3 |
| 87 | MG | 1 | 3543 | 1/1 | 0.92 | 0.21 | 36,36,36,36 | 0 |
| 87 | MG | 5 | 3681 | 1/1 | 0.92 | 0.09 | 130,130,130,130 | 0 |
| 87 | MG | 1 | 3634 | 1/1 | 0.92 | 0.08 | 60,60,60,60 | 0 |
| 87 | MG | 1 | 3736 | 1/1 | 0.92 | 0.22 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3684 | 1/1 | 0.92 | 0.07 | 57,57,57,57 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3543 | 1/1 | 0.92 | 0.19 | 41,41,41,41 | 0 |
| 88 | OHX | 1 | 4012 | 7/7 | 0.92 | 0.17 | 41,41,41,41 | 4 |
| 87 | MG | 1 | 3574 | 1/1 | 0.92 | 0.13 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3444 | 1/1 | 0.92 | 0.32 | 55,55,55,55 | 0 |
| 87 | MG | 5 | 3691 | 1/1 | 0.92 | 0.09 | 52,52,52,52 | 0 |
| 88 | OHX | 2 | 2090 | 7/7 | 0.92 | 0.09 | 84,84,84,84 | 3 |
| 87 | MG | 5 | 3695 | 1/1 | 0.92 | 0.17 | 39,39,39,39 | 0 |
| 88 | OHX | 1 | 4021 | 7/7 | 0.92 | 0.13 | 48,48,48,48 | 5 |
| 87 | MG | 2 | 1922 | 1/1 | 0.92 | 0.32 | 60,60,60,60 | 0 |
| 88 | OHX | 1 | 4023 | 7/7 | 0.92 | 0.13 | 69,69,69,69 | 6 |
| 88 | OHX | 6 | 2138 | 7/7 | 0.92 | 0.17 | 62,62,62,62 | 5 |
| 87 | MG | 5 | 3550 | 1/1 | 0.92 | 0.29 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 4118 | 7/7 | 0.92 | 0.12 | 67,67,67,67 | 5 |
| 87 | MG | 5 | 3708 | 1/1 | 0.92 | 0.18 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3711 | 1/1 | 0.92 | 0.39 | 63,63,63,63 | 0 |
| 88 | OHX | 6 | 2142 | 7/7 | 0.92 | 0.23 | 68,68,68,68 | 5 |
| 88 | OHX | 6 | 2143 | 7/7 | 0.92 | 0.09 | 74,74,74,74 | 5 |
| 87 | MG | 5 | 3551 | 1/1 | 0.92 | 0.10 | 46,46,46,46 | 0 |
| 88 | OHX | 6 | 2145 | 7/7 | 0.92 | 0.11 | 88,88,88,88 | 6 |
| 87 | MG | 6 | 1930 | 1/1 | 0.92 | 0.22 | 63,63,63,63 | 0 |
| 87 | MG | 1 | 3693 | 1/1 | 0.92 | 0.18 | 53,53,53,53 | 0 |
| 88 | OHX | 6 | 2152 | 7/7 | 0.92 | 0.13 | 87,87,87,87 | 5 |
| 87 | MG | 5 | 3555 | 1/1 | 0.92 | 0.19 | 36,36,36,36 | 0 |
| 88 | OHX | 1 | 4036 | 7/7 | 0.92 | 0.20 | 70,70,70,70 | 3 |
| 87 | MG | 5 | 3721 | 1/1 | 0.92 | 0.23 | 54,54,54,54 | 0 |
| 87 | MG | 5 | 3728 | 1/1 | 0.92 | 0.09 | 47,47,47,47 | 0 |
| 87 | MG | 5 | 3558 | 1/1 | 0.92 | 0.26 | 37,37,37,37 | 0 |
| 88 | OHX | 2 | 2110 | 7/7 | 0.92 | 0.16 | 61,61,61,61 | 5 |
| 88 | OHX | 2 | 2113 | 7/7 | 0.92 | 0.13 | 99,99,99,99 | 4 |
| 87 | MG | 1 | 3746 | 1/1 | 0.92 | 0.13 | 56,56,56,56 | 0 |
| 88 | OHX | 1 | 4044 | 7/7 | 0.92 | 0.09 | 62,62,62,62 | 4 |
| 87 | MG | 2 | 1902 | 1/1 | 0.92 | 0.29 | 59,59,59,59 | 0 |
| 87 | MG | 1 | 3748 | 1/1 | 0.92 | 0.31 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3568 | 1/1 | 0.92 | 0.28 | 33,33,33,33 | 0 |
| 87 | MG | N3 | 202 | 1/1 | 0.92 | 0.14 | 65,65,65,65 | 0 |
| 87 | MG | N6 | 201 | 1/1 | 0.92 | 0.22 | 64,64,64,64 | 0 |
| 87 | MG | 5 | 3740 | 1/1 | 0.92 | 0.21 | 34,34,34,34 | 0 |
| 87 | MG | 5 | 3469 | 1/1 | 0.92 | 0.22 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 4148 | 7/7 | 0.92 | 0.19 | 45,45,45,45 | 6 |
| 88 | OHX | 1 | 4054 | 7/7 | 0.92 | 0.10 | 43,43,43,43 | 3 |
| 87 | MG | 5 | 3578 | 1/1 | 0.92 | 0.23 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3473 | 1/1 | 0.92 | 0.21 | 59,59,59,59 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3750 | 1/1 | 0.92 | 0.13 | 47,47,47,47 | 0 |
| 87 | MG | N8 | 204 | 1/1 | 0.92 | 0.13 | 56,56,56,56 | 0 |
| 87 | MG | N9 | 101 | 1/1 | 0.92 | 0.23 | 33,33,33,33 | 0 |
| 87 | MG | 5 | 3587 | 1/1 | 0.92 | 0.31 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3758 | 1/1 | 0.92 | 0.09 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3546 | 1/1 | 0.92 | 0.15 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3701 | 1/1 | 0.92 | 0.23 | 35,35,35,35 | 0 |
| 87 | MG | 6 | 1943 | 1/1 | 0.92 | 0.40 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3592 | 1/1 | 0.92 | 0.31 | 45,45,45,45 | 0 |
| 88 | OHX | 7 | 225 | 7/7 | 0.92 | 0.18 | 43,43,43,43 | 4 |
| 88 | OHX | 1 | 4066 | 7/7 | 0.92 | 0.13 | 37,37,37,37 | 3 |
| 87 | MG | 1 | 3516 | 1/1 | 0.92 | 0.24 | 36,36,36,36 | 0 |
| 87 | MG | 6 | 1945 | 1/1 | 0.92 | 0.30 | 66,66,66,66 | 0 |
| 88 | OHX | 8 | 222 | 7/7 | 0.92 | 0.15 | 59,59,59,59 | 3 |
| 88 | OHX | s9 | 201 | 7/7 | 0.92 | 0.16 | 73,73,73,73 | 5 |
| 88 | OHX | 2 | 2136 | 7/7 | 0.92 | 0.14 | 72,72,72,72 | 5 |
| 87 | MG | 1 | 3553 | 1/1 | 0.92 | 0.25 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3782 | 1/1 | 0.92 | 0.26 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3708 | 1/1 | 0.92 | 0.11 | 50,50,50,50 | 0 |
| 87 | MG | 1 | 3709 | 1/1 | 0.92 | 0.14 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 3894 | 7/7 | 0.92 | 0.18 | 56,56,56,56 | 4 |
| 87 | MG | 2 | 1988 | 1/1 | 0.92 | 0.20 | 66,66,66,66 | 0 |
| 88 | OHX | l3 | 404 | 7/7 | 0.92 | 0.09 | 71,71,71,71 | 3 |
| 88 | OHX | 1 | 4075 | 7/7 | 0.92 | 0.17 | 74,74,74,74 | 5 |
| 88 | OHX | 5 | 3915 | 7/7 | 0.92 | 0.13 | 127,127,127,127 | 5 |
| 88 | OHX | 2 | 2143 | 7/7 | 0.92 | 0.23 | 61,61,61,61 | 5 |
| 87 | MG | 6 | 1902 | 1/1 | 0.92 | 0.19 | 59,59,59,59 | 0 |
| 88 | OHX | 1 | 4078 | 7/7 | 0.92 | 0.17 | 45,45,45,45 | 6 |
| 88 | OHX | m0 | 303 | 7/7 | 0.92 | 0.20 | 49,49,49,49 | 1 |
| 88 | OHX | 5 | 3930 | 7/7 | 0.92 | 0.18 | 49,49,49,49 | 3 |
| 87 | MG | 5 | 3612 | 1/1 | 0.92 | 0.26 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3613 | 1/1 | 0.92 | 0.21 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 4113 | 1/1 | 0.92 | 0.16 | 55,55,55,55 | 1 |
| 88 | OHX | 5 | 3953 | 7/7 | 0.92 | 0.14 | 101,101,101,101 | 2 |
| 88 | OHX | M7 | 205 | 7/7 | 0.93 | 0.09 | 57,57,57,57 | 5 |
| 87 | MG | 2 | 1918 | 1/1 | 0.93 | 0.41 | 65,65,65,65 | 0 |
| 88 | OHX | 5 | 4000 | 7/7 | 0.93 | 0.16 | 48,48,48,48 | 4 |
| 88 | OHX | 1 | 3988 | 7/7 | 0.93 | 0.12 | 68,68,68,68 | 3 |
| 87 | MG | 5 | 3759 | 1/1 | 0.93 | 0.18 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3442 | 1/1 | 0.93 | 0.20 | 36,36,36,36 | 0 |
| 88 | OHX | O9 | 101 | 7/7 | 0.93 | 0.14 | 47,47,47,47 | 4 |
| 88 | OHX | 6 | 2061 | 7/7 | 0.93 | 0.12 | 84,84,84,84 | 2 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 4017 | 7/7 | 0.93 | 0.14 | 69,69,69,69 | 4 |
| 88 | OHX | 6 | 2066 | 7/7 | 0.93 | 0.11 | 161,161,161,161 | 6 |
| 88 | OHX | 6 | 2068 | 7/7 | 0.93 | 0.13 | 99,99,99,99 | 3 |
| 88 | OHX | 5 | 4020 | 7/7 | 0.93 | 0.22 | 40,40,40,40 | 2 |
| 87 | MG | 5 | 3635 | 1/1 | 0.93 | 0.17 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3572 | 1/1 | 0.93 | 0.23 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 4027 | 7/7 | 0.93 | 0.12 | 45,45,45,45 | 4 |
| 88 | OHX | 1 | 3993 | 7/7 | 0.93 | 0.13 | 53,53,53,53 | 2 |
| 88 | OHX | 6 | 2077 | 7/7 | 0.93 | 0.17 | 87,87,87,87 | 4 |
| 87 | MG | 6 | 1940 | 1/1 | 0.93 | 0.29 | 40,40,40,40 | 0 |
| 88 | OHX | 6 | 2086 | 7/7 | 0.93 | 0.20 | 68,68,68,68 | 5 |
| 88 | OHX | 6 | 2087 | 7/7 | 0.93 | 0.12 | 100,100,100,100 | 5 |
| 88 | OHX | 2 | 2099 | 7/7 | 0.93 | 0.10 | 99,99,99,99 | 4 |
| 88 | OHX | 6 | 2090 | 7/7 | 0.93 | 0.12 | 84,84,84,84 | 6 |
| 87 | MG | 5 | 3774 | 1/1 | 0.93 | 0.16 | 50,50,50,50 | 0 |
| 88 | OHX | 1 | 4000 | 7/7 | 0.93 | 0.16 | 104,104,104,104 | 5 |
| 87 | MG | 1 | 3595 | 1/1 | 0.93 | 0.20 | 45,45,45,45 | 0 |
| 88 | OHX | 2 | 2104 | 7/7 | 0.93 | 0.11 | 106,106,106,106 | 7 |
| 87 | MG | 5 | 3640 | 1/1 | 0.93 | 0.17 | 38,38,38,38 | 0 |
| 87 | MG | 1 | 3440 | 1/1 | 0.93 | 0.27 | 52,52,52,52 | 0 |
| 88 | OHX | 1 | 4007 | 7/7 | 0.93 | 0.18 | 40,40,40,40 | 4 |
| 87 | MG | 5 | 3454 | 1/1 | 0.93 | 0.27 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3671 | 1/1 | 0.93 | 0.17 | 47,47,47,47 | 0 |
| 88 | OHX | 2 | 2112 | 7/7 | 0.93 | 0.09 | 103,103,103,103 | 6 |
| 88 | OHX | 6 | 2107 | 7/7 | 0.93 | 0.08 | 114,114,114,114 | 7 |
| 87 | MG | 3 | 202 | 1/1 | 0.93 | 0.31 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3624 | 1/1 | 0.93 | 0.18 | 38,38,38,38 | 0 |
| 88 | OHX | 1 | 4016 | 7/7 | 0.93 | 0.09 | 63,63,63,63 | 3 |
| 87 | MG | 2 | 1908 | 1/1 | 0.93 | 0.15 | 84,84,84,84 | 0 |
| 87 | MG | 1 | 3674 | 1/1 | 0.93 | 0.33 | 75,75,75,75 | 0 |
| 87 | MG | 5 | 3654 | 1/1 | 0.93 | 0.08 | 33,33,33,33 | 0 |
| 87 | MG | 5 | 3791 | 1/1 | 0.93 | 0.10 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3627 | 1/1 | 0.93 | 0.17 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3657 | 1/1 | 0.93 | 0.18 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3676 | 1/1 | 0.93 | 0.09 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 4026 | 7/7 | 0.93 | 0.15 | 51,51,51,51 | 2 |
| 87 | MG | 7 | 203 | 1/1 | 0.93 | 0.27 | 57,57,57,57 | 0 |
| 88 | OHX | 5 | 4077 | 7/7 | 0.93 | 0.12 | 53,53,53,53 | 5 |
| 87 | MG | 7 | 204 | 1/1 | 0.93 | 0.23 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3662 | 1/1 | 0.93 | 0.12 | 55,55,55,55 | 0 |
| 87 | MG | 1 | 3677 | 1/1 | 0.93 | 0.17 | 49,49,49,49 | 0 |
| 87 | MG | 5 | 3557 | 1/1 | 0.93 | 0.18 | 49,49,49,49 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 6 | 2128 | 7/7 | 0.93 | 0.10 | 56,56,56,56 | 3 |
| 88 | OHX | 1 | 4032 | 7/7 | 0.93 | 0.12 | 56,56,56,56 | 5 |
| 87 | MG | 1 | 3457 | 1/1 | 0.93 | 0.19 | 32,32,32,32 | 0 |
| 88 | OHX | 1 | 4034 | 7/7 | 0.93 | 0.14 | 50,50,50,50 | 5 |
| 87 | MG | 1 | 3679 | 1/1 | 0.93 | 0.07 | 45,45,45,45 | 0 |
| 87 | MG | 7 | 211 | 1/1 | 0.93 | 0.13 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3564 | 1/1 | 0.93 | 0.38 | 33,33,33,33 | 0 |
| 87 | MG | 6 | 1954 | 1/1 | 0.93 | 0.44 | 51,51,51,51 | 0 |
| 88 | OHX | 2 | 2132 | 7/7 | 0.93 | 0.10 | 81,81,81,81 | 5 |
| 87 | MG | 1 | 3578 | 1/1 | 0.93 | 0.31 | 34,34,34,34 | 0 |
| 87 | MG | 7 | 215 | 1/1 | 0.93 | 0.07 | 54,54,54,54 | 1 |
| 87 | MG | 4 | 205 | 1/1 | 0.93 | 0.23 | 40,40,40,40 | 0 |
| 87 | MG | 4 | 206 | 1/1 | 0.93 | 0.27 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3570 | 1/1 | 0.93 | 0.25 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3677 | 1/1 | 0.93 | 0.16 | 69,69,69,69 | 0 |
| 87 | MG | 1 | 3458 | 1/1 | 0.93 | 0.17 | 43,43,43,43 | 0 |
| 88 | OHX | 6 | 2148 | 7/7 | 0.93 | 0.12 | 93,93,93,93 | 5 |
| 87 | MG | 8 | 209 | 1/1 | 0.93 | 0.23 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3680 | 1/1 | 0.93 | 0.21 | 41,41,41,41 | 0 |
| 87 | MG | s8 | 301 | 1/1 | 0.93 | 0.34 | 63,63,63,63 | 0 |
| 87 | MG | 5 | 3682 | 1/1 | 0.93 | 0.23 | 50,50,50,50 | 0 |
| 87 | MG | 2 | 1916 | 1/1 | 0.93 | 0.24 | 60,60,60,60 | 0 |
| 87 | MG | l3 | 401 | 1/1 | 0.93 | 0.31 | 31,31,31,31 | 0 |
| 88 | OHX | 6 | 2157 | 7/7 | 0.93 | 0.10 | 51,51,51,51 | 3 |
| 87 | MG | 1 | 3635 | 1/1 | 0.93 | 0.10 | 61,61,61,61 | 0 |
| 88 | OHX | 2 | 2148 | 7/7 | 0.93 | 0.23 | 67,67,67,67 | 4 |
| 87 | MG | d3 | 201 | 1/1 | 0.93 | 0.15 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3585 | 1/1 | 0.93 | 0.35 | 38,38,38,38 | 0 |
| 87 | MG | m3 | 201 | 1/1 | 0.93 | 0.12 | 40,40,40,40 | 0 |
| 87 | MG | m6 | 201 | 1/1 | 0.93 | 0.08 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3479 | 1/1 | 0.93 | 0.14 | 54,54,54,54 | 0 |
| 87 | MG | 5 | 3689 | 1/1 | 0.93 | 0.17 | 39,39,39,39 | 1 |
| 87 | MG | m7 | 202 | 1/1 | 0.93 | 0.21 | 37,37,37,37 | 0 |
| 87 | MG | m7 | 203 | 1/1 | 0.93 | 0.24 | 35,35,35,35 | 0 |
| 87 | MG | n6 | 201 | 1/1 | 0.93 | 0.18 | 59,59,59,59 | 0 |
| 87 | MG | 1 | 3685 | 1/1 | 0.93 | 0.08 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3402 | 1/1 | 0.93 | 0.25 | 47,47,47,47 | 0 |
| 88 | OHX | 1 | 3802 | 7/7 | 0.93 | 0.23 | 66,66,66,66 | 3 |
| 87 | MG | 5 | 3692 | 1/1 | 0.93 | 0.11 | 59,59,59,59 | 0 |
| 88 | OHX | 1 | 3839 | 7/7 | 0.93 | 0.19 | 55,55,55,55 | 3 |
| 87 | MG | o2 | 201 | 1/1 | 0.93 | 0.14 | 37,37,37,37 | 0 |
| 87 | MG | 1 | 3639 | 1/1 | 0.93 | 0.22 | 58,58,58,58 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3856 | 7/7 | 0.93 | 0.17 | 45,45,45,45 | 4 |
| 87 | MG | 5 | 3404 | 1/1 | 0.93 | 0.28 | 35,35,35,35 | 0 |
| 87 | MG | 1 | 3585 | 1/1 | 0.93 | 0.19 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3703 | 1/1 | 0.93 | 0.20 | 48,48,48,48 | 0 |
| 88 | OHX | 2 | 2013 | 7/7 | 0.93 | 0.15 | 105,105,105,105 | 3 |
| 87 | MG | L3 | 403 | 1/1 | 0.93 | 0.14 | 52,52,52,52 | 0 |
| 88 | OHX | 5 | 4140 | 7/7 | 0.93 | 0.13 | 52,52,52,52 | 5 |
| 88 | OHX | 1 | 3890 | 7/7 | 0.93 | 0.10 | 106,106,106,106 | 5 |
| 88 | OHX | 1 | 3892 | 7/7 | 0.93 | 0.12 | 149,149,149,149 | 5 |
| 88 | OHX | 2 | 2019 | 7/7 | 0.93 | 0.16 | 93,93,93,93 | 3 |
| 88 | OHX | 1 | 4084 | 7/7 | 0.93 | 0.15 | 47,47,47,47 | 4 |
| 87 | MG | 6 | 1922 | 1/1 | 0.93 | 0.07 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3596 | 1/1 | 0.93 | 0.19 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3600 | 1/1 | 0.93 | 0.12 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3692 | 1/1 | 0.93 | 0.16 | 58,58,58,58 | 1 |
| 87 | MG | 5 | 3410 | 1/1 | 0.93 | 0.22 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 3853 | 7/7 | 0.93 | 0.20 | 69,69,69,69 | 2 |
| 87 | MG | 5 | 3502 | 1/1 | 0.93 | 0.14 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3412 | 1/1 | 0.93 | 0.22 | 46,46,46,46 | 0 |
| 88 | OHX | 5 | 3898 | 7/7 | 0.93 | 0.14 | 70,70,70,70 | 5 |
| 88 | OHX | 1 | 3918 | 7/7 | 0.93 | 0.12 | 70,70,70,70 | 3 |
| 88 | OHX | 1 | 3919 | 7/7 | 0.93 | 0.11 | 96,96,96,96 | 3 |
| 87 | MG | M0 | 301 | 1/1 | 0.93 | 0.18 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3420 | 1/1 | 0.93 | 0.08 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3731 | 1/1 | 0.93 | 0.11 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3657 | 1/1 | 0.93 | 0.30 | 50,50,50,50 | 0 |
| 88 | OHX | 1 | 3936 | 7/7 | 0.93 | 0.11 | 103,103,103,103 | 3 |
| 88 | OHX | 1 | 3938 | 7/7 | 0.93 | 0.12 | 53,53,53,53 | 3 |
| 87 | MG | 5 | 3511 | 1/1 | 0.93 | 0.33 | 31,31,31,31 | 0 |
| 88 | OHX | 5 | 3934 | 7/7 | 0.93 | 0.14 | 98,98,98,98 | 2 |
| 87 | MG | 5 | 3616 | 1/1 | 0.93 | 0.15 | 63,63,63,63 | 0 |
| 88 | OHX | 2 | 2067 | 7/7 | 0.93 | 0.14 | 124,124,124,124 | 5 |
| 88 | OHX | 5 | 3954 | 7/7 | 0.93 | 0.16 | 73,73,73,73 | 3 |
| 88 | OHX | 5 | 3956 | 7/7 | 0.93 | 0.18 | 81,81,81,81 | 3 |
| 88 | OHX | 8 | 226 | 7/7 | 0.93 | 0.12 | 92,92,92,92 | 5 |
| 88 | OHX | 8 | 227 | 7/7 | 0.93 | 0.11 | 56,56,56,56 | 4 |
| 87 | MG | 5 | 3419 | 1/1 | 0.93 | 0.11 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3428 | 1/1 | 0.93 | 0.29 | 52,52,52,52 | 0 |
| 87 | MG | 1 | 3749 | 1/1 | 0.93 | 0.11 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3742 | 1/1 | 0.93 | 0.27 | 61,61,61,61 | 0 |
| 87 | MG | 1 | 3702 | 1/1 | 0.93 | 0.12 | 42,42,42,42 | 0 |
| 87 | MG | 5 | 3518 | 1/1 | 0.93 | 0.32 | 31,31,31,31 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3971 | 7/7 | 0.93 | 0.14 | 61,61,61,61 | 3 |
| 88 | OHX | 1 | 3974 | 7/7 | 0.93 | 0.09 | 61,61,61,61 | 5 |
| 88 | OHX | 4 | 231 | 7/7 | 0.93 | 0.10 | 56,56,56,56 | 3 |
| 87 | MG | 5 | 3747 | 1/1 | 0.93 | 0.19 | 46,46,46,46 | 1 |
| 87 | MG | N3 | 201 | 1/1 | 0.93 | 0.25 | 39,39,39,39 | 0 |
| 88 | OHX | m0 | 302 | 7/7 | 0.93 | 0.14 | 97,97,97,97 | 4 |
| 87 | MG | 1 | 3703 | 1/1 | 0.93 | 0.13 | 59,59,59,59 | 0 |
| 88 | OHX | 1 | 3979 | 7/7 | 0.93 | 0.18 | 69,69,69,69 | 3 |
| 88 | OHX | 5 | 3992 | 7/7 | 0.93 | 0.13 | 41,41,41,41 | 4 |
| 87 | MG | 1 | 3451 | 1/1 | 0.93 | 0.30 | 64,64,64,64 | 0 |
| 88 | OHX | o9 | 102 | 7/7 | 0.93 | 0.12 | 47,47,47,47 | 5 |
| 87 | MG | N8 | 203 | 1/1 | 0.93 | 0.18 | 52,52,52,52 | 0 |
| 89 | ZN | E1 | 501 | 1/1 | 0.93 | 0.07 | 132,132,132,132 | 0 |
| 87 | MG | 2 | 1981 | 1/1 | 0.93 | 0.18 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3725 | 1/1 | 0.94 | 0.09 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 4010 | 7/7 | 0.94 | 0.13 | 62,62,62,62 | 4 |
| 88 | OHX | 2 | 2138 | 7/7 | 0.94 | 0.13 | 72,72,72,72 | 6 |
| 88 | OHX | 5 | 4012 | 7/7 | 0.94 | 0.13 | 49,49,49,49 | 3 |
| 88 | OHX | 6 | 2091 | 7/7 | 0.94 | 0.12 | 90,90,90,90 | 5 |
| 87 | MG | 5 | 3545 | 1/1 | 0.94 | 0.27 | 44,44,44,44 | 0 |
| 88 | OHX | 6 | 2093 | 7/7 | 0.94 | 0.12 | 47,47,47,47 | 2 |
| 87 | MG | 5 | 3546 | 1/1 | 0.94 | 0.28 | 56,56,56,56 | 0 |
| 87 | MG | 5 | 3628 | 1/1 | 0.94 | 0.14 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3445 | 1/1 | 0.94 | 0.18 | 46,46,46,46 | 0 |
| 87 | MG | 1 | 3646 | 1/1 | 0.94 | 0.20 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3634 | 1/1 | 0.94 | 0.20 | 47,47,47,47 | 0 |
| 87 | MG | 1 | 3557 | 1/1 | 0.94 | 0.25 | 33,33,33,33 | 0 |
| 87 | MG | o2 | 202 | 1/1 | 0.94 | 0.08 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3408 | 1/1 | 0.94 | 0.29 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3755 | 1/1 | 0.94 | 0.21 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 4032 | 7/7 | 0.94 | 0.09 | 51,51,51,51 | 3 |
| 87 | MG | 1 | 3719 | 1/1 | 0.94 | 0.20 | 58,58,58,58 | 0 |
| 87 | MG | 5 | 3411 | 1/1 | 0.94 | 0.24 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3743 | 1/1 | 0.94 | 0.13 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3496 | 1/1 | 0.94 | 0.24 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 4038 | 7/7 | 0.94 | 0.12 | 65,65,65,65 | 4 |
| 87 | MG | 1 | 3561 | 1/1 | 0.94 | 0.33 | 46,46,46,46 | 0 |
| 88 | OHX | 2 | 2025 | 7/7 | 0.94 | 0.19 | 74,74,74,74 | 4 |
| 88 | OHX | 2 | 2026 | 7/7 | 0.94 | 0.11 | 99,99,99,99 | 3 |
| 88 | OHX | 5 | 4043 | 7/7 | 0.94 | 0.15 | 46,46,46,46 | 5 |
| 87 | MG | D4 | 201 | 1/1 | 0.94 | 0.14 | 69,69,69,69 | 0 |
| 87 | MG | 5 | 3562 | 1/1 | 0.94 | 0.24 | 31,31,31,31 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3645 | 1/1 | 0.94 | 0.16 | 48,48,48,48 | 0 |
| 88 | OHX | 5 | 4049 | 7/7 | 0.94 | 0.12 | 40,40,40,40 | 2 |
| 88 | OHX | 2 | 2050 | 7/7 | 0.94 | 0.14 | 77,77,77,77 | 3 |
| 88 | OHX | 5 | 4053 | 7/7 | 0.94 | 0.12 | 67,67,67,67 | 4 |
| 87 | MG | 5 | 3563 | 1/1 | 0.94 | 0.33 | 45,45,45,45 | 0 |
| 88 | OHX | 6 | 2122 | 7/7 | 0.94 | 0.11 | 64,64,64,64 | 3 |
| 87 | MG | 1 | 3499 | 1/1 | 0.94 | 0.26 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 4058 | 7/7 | 0.94 | 0.10 | 50,50,50,50 | 4 |
| 87 | MG | 2 | 1939 | 1/1 | 0.94 | 0.14 | 79,79,79,79 | 0 |
| 87 | MG | 2 | 1984 | 1/1 | 0.94 | 0.20 | 57,57,57,57 | 0 |
| 88 | OHX | 2 | 2057 | 7/7 | 0.94 | 0.12 | 96,96,96,96 | 3 |
| 88 | OHX | 1 | 3855 | 7/7 | 0.94 | 0.11 | 102,102,102,102 | 4 |
| 88 | OHX | 2 | 2059 | 7/7 | 0.94 | 0.15 | 90,90,90,90 | 1 |
| 88 | OHX | 1 | 3859 | 7/7 | 0.94 | 0.16 | 82,82,82,82 | 5 |
| 88 | OHX | 1 | 3861 | 7/7 | 0.94 | 0.15 | 99,99,99,99 | 3 |
| 87 | MG | 1 | 3593 | 1/1 | 0.94 | 0.15 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3424 | 1/1 | 0.94 | 0.22 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3763 | 1/1 | 0.94 | 0.07 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3493 | 1/1 | 0.94 | 0.06 | 38,38,38,38 | 0 |
| 87 | MG | 6 | 2003 | 1/1 | 0.94 | 0.18 | 51,51,51,51 | 0 |
| 87 | MG | 5 | 3770 | 1/1 | 0.94 | 0.08 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 4076 | 7/7 | 0.94 | 0.07 | 38,38,38,38 | 2 |
| 87 | MG | 5 | 3574 | 1/1 | 0.94 | 0.20 | 41,41,41,41 | 0 |
| 88 | OHX | 1 | 3897 | 7/7 | 0.94 | 0.14 | 51,51,51,51 | 5 |
| 88 | OHX | 1 | 3898 | 7/7 | 0.94 | 0.15 | 80,80,80,80 | 5 |
| 87 | MG | 1 | 3471 | 1/1 | 0.94 | 0.17 | 36,36,36,36 | 0 |
| 87 | MG | 5 | 3428 | 1/1 | 0.94 | 0.10 | 34,34,34,34 | 0 |
| 88 | OHX | 1 | 3904 | 7/7 | 0.94 | 0.16 | 55,55,55,55 | 3 |
| 87 | MG | 5 | 3776 | 1/1 | 0.94 | 0.13 | 49,49,49,49 | 0 |
| 88 | OHX | 6 | 2146 | 7/7 | 0.94 | 0.11 | 53,53,53,53 | 3 |
| 88 | OHX | 6 | 2147 | 7/7 | 0.94 | 0.13 | 82,82,82,82 | 5 |
| 88 | OHX | 2 | 2072 | 7/7 | 0.94 | 0.13 | 104,104,104,104 | 5 |
| 88 | OHX | 6 | 2149 | 7/7 | 0.94 | 0.13 | 49,49,49,49 | 4 |
| 87 | MG | 5 | 3667 | 1/1 | 0.94 | 0.34 | 54,54,54,54 | 0 |
| 88 | OHX | 2 | 2076 | 7/7 | 0.94 | 0.11 | 78,78,78,78 | 2 |
| 87 | MG | 1 | 3696 | 1/1 | 0.94 | 0.09 | 62,62,62,62 | 0 |
| 88 | OHX | 2 | 2079 | 7/7 | 0.94 | 0.12 | 122,122,122,122 | 6 |
| 88 | OHX | 6 | 2154 | 7/7 | 0.94 | 0.12 | 69,69,69,69 | 5 |
| 87 | MG | 5 | 3430 | 1/1 | 0.94 | 0.18 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3734 | 1/1 | 0.94 | 0.17 | 35,35,35,35 | 0 |
| 88 | OHX | 2 | 2084 | 7/7 | 0.94 | 0.10 | 87,87,87,87 | 3 |
| 87 | MG | 5 | 3784 | 1/1 | 0.94 | 0.24 | 41,41,41,41 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3699 | 1/1 | 0.94 | 0.08 | 48,48,48,48 | 0 |
| 88 | OHX | 1 | 3929 | 7/7 | 0.94 | 0.10 | 116,116,116,116 | 5 |
| 88 | OHX | 2 | 2088 | 7/7 | 0.94 | 0.11 | 99,99,99,99 | 3 |
| 87 | MG | 2 | 1934 | 1/1 | 0.94 | 0.09 | 93,93,93,93 | 0 |
| 87 | MG | 1 | 3402 | 1/1 | 0.94 | 0.29 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 4106 | 7/7 | 0.94 | 0.17 | 52,52,52,52 | 3 |
| 88 | OHX | 1 | 3944 | 7/7 | 0.94 | 0.12 | 44,44,44,44 | 1 |
| 87 | MG | 1 | 3741 | 1/1 | 0.94 | 0.07 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3506 | 1/1 | 0.94 | 0.29 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3475 | 1/1 | 0.94 | 0.32 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 3951 | 7/7 | 0.94 | 0.14 | 41,41,41,41 | 3 |
| 87 | MG | 6 | 1970 | 1/1 | 0.94 | 0.18 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3793 | 1/1 | 0.94 | 0.18 | 49,49,49,49 | 0 |
| 87 | MG | 1 | 3507 | 1/1 | 0.94 | 0.32 | 36,36,36,36 | 0 |
| 88 | OHX | 1 | 4091 | 7/7 | 0.94 | 0.14 | 44,44,44,44 | 5 |
| 88 | OHX | 1 | 3963 | 7/7 | 0.94 | 0.12 | 58,58,58,58 | 3 |
| 88 | OHX | 1 | 3964 | 7/7 | 0.94 | 0.15 | 54,54,54,54 | 4 |
| 87 | MG | 5 | 4161 | 1/1 | 0.94 | 0.11 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 4164 | 1/1 | 0.94 | 0.10 | 55,55,55,55 | 0 |
| 88 | OHX | 1 | 3968 | 7/7 | 0.94 | 0.16 | 72,72,72,72 | 3 |
| 87 | MG | 5 | 4165 | 1/1 | 0.94 | 0.25 | 39,39,39,39 | 1 |
| 88 | OHX | 1 | 3970 | 7/7 | 0.94 | 0.12 | 53,53,53,53 | 4 |
| 87 | MG | 1 | 3603 | 1/1 | 0.94 | 0.15 | 45,45,45,45 | 0 |
| 88 | OHX | 2 | 2102 | 7/7 | 0.94 | 0.09 | 161,161,161,161 | 7 |
| 87 | MG | 5 | 3598 | 1/1 | 0.94 | 0.12 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3449 | 1/1 | 0.94 | 0.10 | 37,37,37,37 | 0 |
| 88 | OHX | 1 | 3977 | 7/7 | 0.94 | 0.11 | 51,51,51,51 | 3 |
| 87 | MG | 5 | 3450 | 1/1 | 0.94 | 0.24 | 48,48,48,48 | 0 |
| 88 | OHX | 3 | 214 | 7/7 | 0.94 | 0.15 | 77,77,77,77 | 4 |
| 87 | MG | 5 | 3451 | 1/1 | 0.94 | 0.06 | 44,44,44,44 | 0 |
| 87 | MG | 7 | 207 | 1/1 | 0.94 | 0.21 | 40,40,40,40 | 0 |
| 88 | OHX | c8 | 201 | 7/7 | 0.94 | 0.12 | 94,94,94,94 | 5 |
| 87 | MG | 5 | 3452 | 1/1 | 0.94 | 0.20 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3608 | 1/1 | 0.94 | 0.13 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 3840 | 7/7 | 0.94 | 0.19 | 65,65,65,65 | 2 |
| 87 | MG | 1 | 3476 | 1/1 | 0.94 | 0.15 | 43,43,43,43 | 0 |
| 88 | OHX | 4 | 226 | 7/7 | 0.94 | 0.11 | 75,75,75,75 | 1 |
| 87 | MG | 4 | 211 | 1/1 | 0.94 | 0.26 | 66,66,66,66 | 0 |
| 87 | MG | 5 | 3457 | 1/1 | 0.94 | 0.26 | 34,34,34,34 | 0 |
| 87 | MG | 5 | 3693 | 1/1 | 0.94 | 0.34 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 3905 | 7/7 | 0.94 | 0.09 | 118,118,118,118 | 3 |
| 88 | OHX | 4 | 232 | 7/7 | 0.94 | 0.14 | 45,45,45,45 | 4 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3527 | 1/1 | 0.94 | 0.21 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3696 | 1/1 | 0.94 | 0.12 | 56,56,56,56 | 0 |
| 87 | MG | 5 | 3698 | 1/1 | 0.94 | 0.29 | 65,65,65,65 | 0 |
| 87 | MG | 4 | 214 | 1/1 | 0.94 | 0.19 | 71,71,71,71 | 0 |
| 88 | OHX | 5 | 3924 | 7/7 | 0.94 | 0.14 | 45,45,45,45 | 4 |
| 88 | OHX | 5 | 3927 | 7/7 | 0.94 | 0.14 | 48,48,48,48 | 2 |
| 87 | MG | 5 | 3700 | 1/1 | 0.94 | 0.14 | 53,53,53,53 | 0 |
| 88 | OHX | 5 | 3931 | 7/7 | 0.94 | 0.17 | 55,55,55,55 | 3 |
| 88 | OHX | M0 | 302 | 7/7 | 0.94 | 0.17 | 50,50,50,50 | 4 |
| 87 | MG | 5 | 3459 | 1/1 | 0.94 | 0.15 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 3998 | 7/7 | 0.94 | 0.09 | 67,67,67,67 | 3 |
| 88 | OHX | 1 | 3999 | 7/7 | 0.94 | 0.14 | 55,55,55,55 | 5 |
| 88 | OHX | 5 | 3946 | 7/7 | 0.94 | 0.14 | 100,100,100,100 | 3 |
| 88 | OHX | 5 | 3950 | 7/7 | 0.94 | 0.16 | 40,40,40,40 | 4 |
| 87 | MG | 5 | 3702 | 1/1 | 0.94 | 0.24 | 62,62,62,62 | 0 |
| 87 | MG | 6 | 1979 | 1/1 | 0.94 | 0.17 | 54,54,54,54 | 0 |
| 88 | OHX | 8 | 220 | 7/7 | 0.94 | 0.15 | 75,75,75,75 | 3 |
| 88 | OHX | 1 | 4003 | 7/7 | 0.94 | 0.11 | 57,57,57,57 | 4 |
| 88 | OHX | 5 | 3958 | 7/7 | 0.94 | 0.16 | 52,52,52,52 | 2 |
| 87 | MG | 5 | 3705 | 1/1 | 0.94 | 0.09 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3706 | 1/1 | 0.94 | 0.29 | 69,69,69,69 | 0 |
| 88 | OHX | 6 | 2029 | 7/7 | 0.94 | 0.18 | 67,67,67,67 | 5 |
| 88 | OHX | 6 | 2043 | 7/7 | 0.94 | 0.14 | 91,91,91,91 | 4 |
| 88 | OHX | 6 | 2050 | 7/7 | 0.94 | 0.12 | 87,87,87,87 | 3 |
| 88 | OHX | 6 | 2051 | 7/7 | 0.94 | 0.12 | 123,123,123,123 | 5 |
| 88 | OHX | 6 | 2052 | 7/7 | 0.94 | 0.14 | 73,73,73,73 | 2 |
| 87 | MG | 1 | 3577 | 1/1 | 0.94 | 0.39 | 27,27,27,27 | 0 |
| 88 | OHX | 6 | 2064 | 7/7 | 0.94 | 0.11 | 97,97,97,97 | 3 |
| 88 | OHX | 6 | 2065 | 7/7 | 0.94 | 0.12 | 141,141,141,141 | 6 |
| 87 | MG | 1 | 3550 | 1/1 | 0.94 | 0.31 | 32,32,32,32 | 0 |
| 88 | OHX | 5 | 3989 | 7/7 | 0.94 | 0.10 | 48,48,48,48 | 3 |
| 88 | OHX | 6 | 2067 | 7/7 | 0.94 | 0.12 | 157,157,157,157 | 5 |
| 87 | MG | 1 | 3509 | 1/1 | 0.94 | 0.13 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3713 | 1/1 | 0.94 | 0.07 | 55,55,55,55 | 0 |
| 87 | MG | 5 | 3468 | 1/1 | 0.94 | 0.32 | 49,49,49,49 | 0 |
| 87 | MG | 5 | 3542 | 1/1 | 0.94 | 0.26 | 38,38,38,38 | 0 |
| 88 | OHX | 1 | 4014 | 7/7 | 0.94 | 0.15 | 53,53,53,53 | 3 |
| 87 | MG | 1 | 3489 | 1/1 | 0.94 | 0.23 | 44,44,44,44 | 0 |
| 88 | OHX | 6 | 2083 | 7/7 | 0.94 | 0.14 | 85,85,85,85 | 7 |
| 87 | MG | 1 | 3715 | 1/1 | 0.94 | 0.26 | 49,49,49,49 | 0 |
| 88 | OHX | q1 | 702 | 7/7 | 0.94 | 0.17 | 48,48,48,48 | 3 |
| 88 | OHX | 5 | 4001 | 7/7 | 0.94 | 0.11 | 40,40,40,40 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 4002 | 7/7 | 0.94 | 0.14 | 63,63,63,63 | 4 |
| 87 | MG | 5 | 3722 | 1/1 | 0.94 | 0.10 | 46,46,46,46 | 1 |
| 89 | ZN | e1 | 501 | 1/1 | 0.94 | 0.05 | 168,168,168,168 | 0 |
| 87 | MG | 5 | 3580 | 1/1 | 0.95 | 0.36 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 4098 | 7/7 | 0.95 | 0.12 | 45,45,45,45 | 5 |
| 87 | MG | 1 | 3588 | 1/1 | 0.95 | 0.29 | 55,55,55,55 | 0 |
| 88 | OHX | 5 | 3938 | 7/7 | 0.95 | 0.14 | 41,41,41,41 | 4 |
| 87 | MG | 5 | 3704 | 1/1 | 0.95 | 0.17 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 3945 | 7/7 | 0.95 | 0.10 | 59,59,59,59 | 5 |
| 87 | MG | 5 | 3583 | 1/1 | 0.95 | 0.41 | 28,28,28,28 | 0 |
| 88 | OHX | 5 | 3947 | 7/7 | 0.95 | 0.17 | 53,53,53,53 | 5 |
| 87 | MG | 5 | 3584 | 1/1 | 0.95 | 0.21 | 31,31,31,31 | 0 |
| 87 | MG | 6 | 1927 | 1/1 | 0.95 | 0.22 | 54,54,54,54 | 0 |
| 88 | OHX | 1 | 3902 | 7/7 | 0.95 | 0.18 | 51,51,51,51 | 1 |
| 88 | OHX | 1 | 3903 | 7/7 | 0.95 | 0.10 | 52,52,52,52 | 3 |
| 88 | OHX | 5 | 3957 | 7/7 | 0.95 | 0.13 | 38,38,38,38 | 2 |
| 88 | OHX | 1 | 4106 | 7/7 | 0.95 | 0.14 | 60,60,60,60 | 4 |
| 88 | OHX | 1 | 4107 | 7/7 | 0.95 | 0.11 | 151,151,151,151 | 6 |
| 88 | OHX | 5 | 3961 | 7/7 | 0.95 | 0.13 | 56,56,56,56 | 3 |
| 88 | OHX | 2 | 2010 | 7/7 | 0.95 | 0.15 | 86,86,86,86 | 5 |
| 87 | MG | 5 | 3710 | 1/1 | 0.95 | 0.12 | 46,46,46,46 | 0 |
| 87 | MG | 4 | 209 | 1/1 | 0.95 | 0.07 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3421 | 1/1 | 0.95 | 0.23 | 44,44,44,44 | 0 |
| 88 | OHX | 2 | 2020 | 7/7 | 0.95 | 0.13 | 73,73,73,73 | 4 |
| 88 | OHX | 5 | 3970 | 7/7 | 0.95 | 0.18 | 57,57,57,57 | 3 |
| 88 | OHX | 5 | 3973 | 7/7 | 0.95 | 0.12 | 153,153,153,153 | 7 |
| 88 | OHX | 5 | 3976 | 7/7 | 0.95 | 0.17 | 50,50,50,50 | 4 |
| 88 | OHX | 5 | 3977 | 7/7 | 0.95 | 0.12 | 41,41,41,41 | 5 |
| 88 | OHX | 1 | 3913 | 7/7 | 0.95 | 0.11 | 55,55,55,55 | 2 |
| 87 | MG | 1 | 3455 | 1/1 | 0.95 | 0.27 | 32,32,32,32 | 0 |
| 88 | OHX | 4 | 223 | 7/7 | 0.95 | 0.10 | 67,67,67,67 | 3 |
| 88 | OHX | 4 | 224 | 7/7 | 0.95 | 0.13 | 81,81,81,81 | 4 |
| 88 | OHX | 5 | 3986 | 7/7 | 0.95 | 0.11 | 46,46,46,46 | 3 |
| 87 | MG | 1 | 3722 | 1/1 | 0.95 | 0.21 | 56,56,56,56 | 0 |
| 88 | OHX | 1 | 3916 | 7/7 | 0.95 | 0.13 | 45,45,45,45 | 2 |
| 88 | OHX | 4 | 229 | 7/7 | 0.95 | 0.11 | 92,92,92,92 | 3 |
| 88 | OHX | 2 | 2028 | 7/7 | 0.95 | 0.17 | 74,74,74,74 | 4 |
| 88 | OHX | 2 | 2032 | 7/7 | 0.95 | 0.16 | 92,92,92,92 | 4 |
| 87 | MG | 6 | 1932 | 1/1 | 0.95 | 0.28 | 60,60,60,60 | 0 |
| 88 | OHX | 2 | 2037 | 7/7 | 0.95 | 0.14 | 102,102,102,102 | 3 |
| 88 | OHX | 5 | 3995 | 7/7 | 0.95 | 0.12 | 68,68,68,68 | 5 |
| 88 | OHX | 2 | 2038 | 7/7 | 0.95 | 0.08 | 110,110,110,110 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 4 | 215 | 1/1 | 0.95 | 0.15 | 51,51,51,51 | 1 |
| 88 | OHX | 2 | 2044 | 7/7 | 0.95 | 0.10 | 130,130,130,130 | 7 |
| 88 | OHX | 2 | 2045 | 7/7 | 0.95 | 0.14 | 65,65,65,65 | 4 |
| 88 | OHX | 1 | 3937 | 7/7 | 0.95 | 0.11 | 54,54,54,54 | 4 |
| 87 | MG | 1 | 3540 | 1/1 | 0.95 | 0.24 | 35,35,35,35 | 0 |
| 88 | OHX | M5 | 301 | 7/7 | 0.95 | 0.14 | 66,66,66,66 | 4 |
| 88 | OHX | 1 | 3939 | 7/7 | 0.95 | 0.13 | 76,76,76,76 | 4 |
| 88 | OHX | 1 | 3942 | 7/7 | 0.95 | 0.10 | 87,87,87,87 | 3 |
| 88 | OHX | 2 | 2047 | 7/7 | 0.95 | 0.16 | 88,88,88,88 | 5 |
| 88 | OHX | 2 | 2048 | 7/7 | 0.95 | 0.15 | 97,97,97,97 | 3 |
| 87 | MG | 5 | 3482 | 1/1 | 0.95 | 0.29 | 30,30,30,30 | 0 |
| 88 | OHX | O3 | 203 | 7/7 | 0.95 | 0.15 | 47,47,47,47 | 3 |
| 87 | MG | 1 | 3435 | 1/1 | 0.95 | 0.29 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3726 | 1/1 | 0.95 | 0.12 | 47,47,47,47 | 0 |
| 88 | OHX | 1 | 3952 | 7/7 | 0.95 | 0.14 | 46,46,46,46 | 5 |
| 88 | OHX | 6 | 2039 | 7/7 | 0.95 | 0.11 | 123,123,123,123 | 3 |
| 88 | OHX | 5 | 4021 | 7/7 | 0.95 | 0.12 | 41,41,41,41 | 5 |
| 87 | MG | 5 | 3727 | 1/1 | 0.95 | 0.18 | 46,46,46,46 | 1 |
| 88 | OHX | 5 | 4023 | 7/7 | 0.95 | 0.13 | 97,97,97,97 | 5 |
| 88 | OHX | 6 | 2044 | 7/7 | 0.95 | 0.14 | 51,51,51,51 | 3 |
| 88 | OHX | 1 | 3954 | 7/7 | 0.95 | 0.15 | 54,54,54,54 | 3 |
| 88 | OHX | 1 | 3955 | 7/7 | 0.95 | 0.10 | 100,100,100,100 | 2 |
| 87 | MG | 5 | 3597 | 1/1 | 0.95 | 0.09 | 48,48,48,48 | 0 |
| 88 | OHX | 6 | 2057 | 7/7 | 0.95 | 0.12 | 65,65,65,65 | 2 |
| 88 | OHX | 6 | 2060 | 7/7 | 0.95 | 0.09 | 96,96,96,96 | 3 |
| 87 | MG | 1 | 3622 | 1/1 | 0.95 | 0.19 | 44,44,44,44 | 0 |
| 88 | OHX | 6 | 2063 | 7/7 | 0.95 | 0.10 | 138,138,138,138 | 4 |
| 87 | MG | 4 | 219 | 1/1 | 0.95 | 0.29 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3567 | 1/1 | 0.95 | 0.40 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3727 | 1/1 | 0.95 | 0.08 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3603 | 1/1 | 0.95 | 0.19 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 4040 | 7/7 | 0.95 | 0.14 | 40,40,40,40 | 4 |
| 88 | OHX | 1 | 3967 | 7/7 | 0.95 | 0.15 | 37,37,37,37 | 4 |
| 88 | OHX | 6 | 2070 | 7/7 | 0.95 | 0.12 | 86,86,86,86 | 3 |
| 87 | MG | L6 | 201 | 1/1 | 0.95 | 0.07 | 53,53,53,53 | 0 |
| 87 | MG | 1 | 3542 | 1/1 | 0.95 | 0.26 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3570 | 1/1 | 0.95 | 0.27 | 37,37,37,37 | 0 |
| 88 | OHX | 6 | 2074 | 7/7 | 0.95 | 0.13 | 71,71,71,71 | 2 |
| 88 | OHX | 2 | 2066 | 7/7 | 0.95 | 0.08 | 139,139,139,139 | 6 |
| 88 | OHX | 6 | 2078 | 7/7 | 0.95 | 0.14 | 66,66,66,66 | 2 |
| 87 | MG | 1 | 3449 | 1/1 | 0.95 | 0.24 | 42,42,42,42 | 0 |
| 88 | OHX | 2 | 2068 | 7/7 | 0.95 | 0.12 | 144,144,144,144 | 6 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 6 | 2084 | 7/7 | 0.95 | 0.13 | 98,98,98,98 | 5 |
| 87 | MG | 1 | 3477 | 1/1 | 0.95 | 0.14 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3496 | 1/1 | 0.95 | 0.21 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 4059 | 7/7 | 0.95 | 0.12 | 40,40,40,40 | 2 |
| 87 | MG | M6 | 201 | 1/1 | 0.95 | 0.17 | 47,47,47,47 | 0 |
| 87 | MG | 5 | 3615 | 1/1 | 0.95 | 0.17 | 35,35,35,35 | 0 |
| 88 | OHX | 2 | 2073 | 7/7 | 0.95 | 0.11 | 64,64,64,64 | 4 |
| 87 | MG | 5 | 3498 | 1/1 | 0.95 | 0.27 | 64,64,64,64 | 0 |
| 87 | MG | 5 | 3748 | 1/1 | 0.95 | 0.05 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3401 | 1/1 | 0.95 | 0.17 | 42,42,42,42 | 0 |
| 88 | OHX | 6 | 2095 | 7/7 | 0.95 | 0.09 | 104,104,104,104 | 3 |
| 87 | MG | 6 | 1946 | 1/1 | 0.95 | 0.33 | 48,48,48,48 | 0 |
| 88 | OHX | 2 | 2080 | 7/7 | 0.95 | 0.13 | 107,107,107,107 | 7 |
| 87 | MG | 1 | 3630 | 1/1 | 0.95 | 0.11 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3753 | 1/1 | 0.95 | 0.21 | 42,42,42,42 | 0 |
| 88 | OHX | 5 | 4073 | 7/7 | 0.95 | 0.16 | 47,47,47,47 | 2 |
| 87 | MG | 1 | 3598 | 1/1 | 0.95 | 0.35 | 70,70,70,70 | 0 |
| 87 | MG | 1 | 3442 | 1/1 | 0.95 | 0.30 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3622 | 1/1 | 0.95 | 0.18 | 38,38,38,38 | 0 |
| 87 | MG | 1 | 3600 | 1/1 | 0.95 | 0.27 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3636 | 1/1 | 0.95 | 0.21 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3743 | 1/1 | 0.95 | 0.12 | 49,49,49,49 | 0 |
| 87 | MG | N3 | 203 | 1/1 | 0.95 | 0.06 | 55,55,55,55 | 0 |
| 87 | MG | 5 | 3766 | 1/1 | 0.95 | 0.17 | 33,33,33,33 | 0 |
| 87 | MG | 5 | 3767 | 1/1 | 0.95 | 0.07 | 40,40,40,40 | 0 |
| 87 | MG | 1 | 3687 | 1/1 | 0.95 | 0.16 | 41,41,41,41 | 1 |
| 87 | MG | 5 | 3512 | 1/1 | 0.95 | 0.13 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3771 | 1/1 | 0.95 | 0.10 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3629 | 1/1 | 0.95 | 0.18 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3630 | 1/1 | 0.95 | 0.20 | 55,55,55,55 | 0 |
| 87 | MG | 6 | 1955 | 1/1 | 0.95 | 0.34 | 64,64,64,64 | 0 |
| 87 | MG | N8 | 201 | 1/1 | 0.95 | 0.22 | 57,57,57,57 | 0 |
| 87 | MG | 5 | 3777 | 1/1 | 0.95 | 0.05 | 67,67,67,67 | 0 |
| 88 | OHX | 2 | 2103 | 7/7 | 0.95 | 0.12 | 77,77,77,77 | 3 |
| 87 | MG | 5 | 3414 | 1/1 | 0.95 | 0.27 | 34,34,34,34 | 0 |
| 88 | OHX | 2 | 2105 | 7/7 | 0.95 | 0.10 | 106,106,106,106 | 4 |
| 87 | MG | 1 | 3602 | 1/1 | 0.95 | 0.12 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 4017 | 7/7 | 0.95 | 0.15 | 50,50,50,50 | 5 |
| 87 | MG | 5 | 3780 | 1/1 | 0.95 | 0.12 | 43,43,43,43 | 0 |
| 87 | MG | 1 | 3690 | 1/1 | 0.95 | 0.20 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3519 | 1/1 | 0.95 | 0.17 | 32,32,32,32 | 0 |
| 87 | MG | 1 | 3495 | 1/1 | 0.95 | 0.24 | 40,40,40,40 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3640 | 1/1 | 0.95 | 0.33 | 66,66,66,66 | 0 |
| 87 | MG | 1 | 3548 | 1/1 | 0.95 | 0.28 | 35,35,35,35 | 0 |
| 87 | MG | 2 | 1991 | 1/1 | 0.95 | 0.13 | 76,76,76,76 | 0 |
| 88 | OHX | 1 | 4025 | 7/7 | 0.95 | 0.10 | 42,42,42,42 | 3 |
| 87 | MG | 5 | 3788 | 1/1 | 0.95 | 0.11 | 40,40,40,40 | 0 |
| 87 | MG | 1 | 3643 | 1/1 | 0.95 | 0.22 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3528 | 1/1 | 0.95 | 0.15 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3551 | 1/1 | 0.95 | 0.18 | 32,32,32,32 | 0 |
| 87 | MG | 5 | 3646 | 1/1 | 0.95 | 0.25 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3647 | 1/1 | 0.95 | 0.16 | 41,41,41,41 | 0 |
| 87 | MG | 6 | 1965 | 1/1 | 0.95 | 0.26 | 63,63,63,63 | 0 |
| 87 | MG | 5 | 3427 | 1/1 | 0.95 | 0.17 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 4162 | 1/1 | 0.95 | 0.47 | 36,36,36,36 | 1 |
| 88 | OHX | 1 | 4035 | 7/7 | 0.95 | 0.12 | 64,64,64,64 | 4 |
| 87 | MG | 5 | 3534 | 1/1 | 0.95 | 0.25 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3535 | 1/1 | 0.95 | 0.32 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3536 | 1/1 | 0.95 | 0.27 | 36,36,36,36 | 0 |
| 87 | MG | 7 | 201 | 1/1 | 0.95 | 0.19 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3698 | 1/1 | 0.95 | 0.18 | 57,57,57,57 | 0 |
| 87 | MG | 1 | 3647 | 1/1 | 0.95 | 0.25 | 58,58,58,58 | 0 |
| 88 | OHX | 1 | 4042 | 7/7 | 0.95 | 0.12 | 52,52,52,52 | 5 |
| 87 | MG | 5 | 3539 | 1/1 | 0.95 | 0.27 | 29,29,29,29 | 0 |
| 87 | MG | 1 | 3700 | 1/1 | 0.95 | 0.19 | 63,63,63,63 | 0 |
| 88 | OHX | 1 | 4045 | 7/7 | 0.95 | 0.17 | 45,45,45,45 | 4 |
| 87 | MG | 1 | 3756 | 1/1 | 0.95 | 0.16 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 4108 | 1/1 | 0.95 | 0.15 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3666 | 1/1 | 0.95 | 0.21 | 39,39,39,39 | 0 |
| 87 | MG | 1 | 3648 | 1/1 | 0.95 | 0.07 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3435 | 1/1 | 0.95 | 0.21 | 39,39,39,39 | 0 |
| 87 | MG | 1 | 3607 | 1/1 | 0.95 | 0.12 | 45,45,45,45 | 0 |
| 87 | MG | 5 | 3441 | 1/1 | 0.95 | 0.20 | 35,35,35,35 | 0 |
| 87 | MG | 1 | 3652 | 1/1 | 0.95 | 0.18 | 46,46,46,46 | 0 |
| 88 | OHX | 6 | 2166 | 7/7 | 0.95 | 0.09 | 65,65,65,65 | 5 |
| 87 | MG | 1 | 3654 | 1/1 | 0.95 | 0.24 | 56,56,56,56 | 0 |
| 87 | MG | 7 | 228 | 1/1 | 0.95 | 0.08 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 4144 | 7/7 | 0.95 | 0.13 | 49,49,49,49 | 5 |
| 87 | MG | 8 | 201 | 1/1 | 0.95 | 0.10 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3608 | 1/1 | 0.95 | 0.06 | 49,49,49,49 | 0 |
| 87 | MG | 3 | 203 | 1/1 | 0.95 | 0.23 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3447 | 1/1 | 0.95 | 0.22 | 46,46,46,46 | 0 |
| 87 | MG | 6 | 1912 | 1/1 | 0.95 | 0.29 | 59,59,59,59 | 0 |
| 88 | OHX | 6 | 2174 | 7/7 | 0.95 | 0.11 | 86,86,86,86 | 6 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 5 | 3554 | 1/1 | 0.95 | 0.30 | 47,47,47,47 | 0 |
| 87 | MG | 8 | 208 | 1/1 | 0.95 | 0.16 | 46,46,46,46 | 0 |
| 87 | MG | 6 | 1913 | 1/1 | 0.95 | 0.26 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3556 | 1/1 | 0.95 | 0.24 | 33,33,33,33 | 0 |
| 87 | MG | 1 | 3706 | 1/1 | 0.95 | 0.17 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3707 | 1/1 | 0.95 | 0.24 | 45,45,45,45 | 1 |
| 87 | MG | 5 | 3685 | 1/1 | 0.95 | 0.11 | 44,44,44,44 | 0 |
| 87 | MG | 12 | 302 | 1/1 | 0.95 | 0.20 | 50,50,50,50 | 0 |
| 87 | MG | 12 | 303 | 1/1 | 0.95 | 0.09 | 45,45,45,45 | 0 |
| 88 | OHX | 7 | 222 | 7/7 | 0.95 | 0.15 | 66,66,66,66 | 2 |
| 87 | MG | 1 | 3497 | 1/1 | 0.95 | 0.36 | 34,34,34,34 | 0 |
| 87 | MG | 6 | 1987 | 1/1 | 0.95 | 0.34 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3481 | 1/1 | 0.95 | 0.14 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3456 | 1/1 | 0.95 | 0.06 | 40,40,40,40 | 0 |
| 88 | OHX | 1 | 3820 | 7/7 | 0.95 | 0.18 | 86,86,86,86 | 3 |
| 88 | OHX | 8 | 218 | 7/7 | 0.95 | 0.12 | 73,73,73,73 | 2 |
| 88 | OHX | 8 | 219 | 7/7 | 0.95 | 0.13 | 59,59,59,59 | 2 |
| 88 | OHX | 1 | 3829 | 7/7 | 0.95 | 0.17 | 60,60,60,60 | 2 |
| 88 | OHX | 1 | 3831 | 7/7 | 0.95 | 0.18 | 85,85,85,85 | 3 |
| 87 | MG | 1 | 3710 | 1/1 | 0.95 | 0.09 | 45,45,45,45 | 0 |
| 87 | MG | 1 | 3661 | 1/1 | 0.95 | 0.14 | 46,46,46,46 | 0 |
| 88 | OHX | 1 | 3843 | 7/7 | 0.95 | 0.12 | 111,111,111,111 | 1 |
| 88 | OHX | 5 | 3796 | 7/7 | 0.95 | 0.11 | 52,52,52,52 | 2 |
| 88 | OHX | 5 | 3838 | 7/7 | 0.95 | 0.21 | 62,62,62,62 | 3 |
| 87 | MG | 1 | 3662 | 1/1 | 0.95 | 0.11 | 43,43,43,43 | 0 |
| 87 | MG | 1 | 3415 | 1/1 | 0.95 | 0.10 | 57,57,57,57 | 0 |
| 88 | OHX | 5 | 3854 | 7/7 | 0.95 | 0.23 | 80,80,80,80 | 3 |
| 88 | OHX | 5 | 3858 | 7/7 | 0.95 | 0.19 | 45,45,45,45 | 4 |
| 88 | OHX | 5 | 3861 | 7/7 | 0.95 | 0.20 | 55,55,55,55 | 2 |
| 87 | MG | 1 | 3470 | 1/1 | 0.95 | 0.23 | 47,47,47,47 | 0 |
| 88 | OHX | 5 | 3887 | 7/7 | 0.95 | 0.16 | 87,87,87,87 | 3 |
| 87 | MG | 5 | 3463 | 1/1 | 0.95 | 0.24 | 56,56,56,56 | 0 |
| 87 | MG | n0 | 202 | 1/1 | 0.95 | 0.20 | 48,48,48,48 | 0 |
| 88 | OHX | 5 | 3901 | 7/7 | 0.95 | 0.18 | 67,67,67,67 | 2 |
| 87 | MG | 1 | 3517 | 1/1 | 0.95 | 0.32 | 40,40,40,40 | 0 |
| 87 | MG | 6 | 1996 | 1/1 | 0.95 | 0.21 | 60,60,60,60 | 0 |
| 88 | OHX | 5 | 3907 | 7/7 | 0.95 | 0.20 | 41,41,41,41 | 2 |
| 88 | OHX | 1 | 3866 | 7/7 | 0.95 | 0.14 | 53,53,53,53 | 3 |
| 88 | OHX | 1 | 3868 | 7/7 | 0.95 | 0.15 | 68,68,68,68 | 3 |
| 87 | MG | n8 | 202 | 1/1 | 0.95 | 0.26 | 51,51,51,51 | 0 |
| 87 | MG | 2 | 1917 | 1/1 | 0.95 | 0.24 | 65,65,65,65 | 0 |
| 87 | MG | n9 | 101 | 1/1 | 0.95 | 0.20 | 32,32,32,32 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 4093 | 7/7 | 0.95 | 0.12 | 42,42,42,42 | 5 |
| 88 | OHX | 1 | 3875 | 7/7 | 0.95 | 0.12 | 86,86,86,86 | 3 |
| 87 | MG | 1 | 3669 | 1/1 | 0.95 | 0.33 | 38,38,38,38 | 0 |
| 88 | OHX | 1 | 3889 | 7/7 | 0.95 | 0.12 | 49,49,49,49 | 3 |
| 89 | ZN | q2 | 501 | 1/1 | 0.95 | 0.12 | 79,79,79,79 | 0 |
| 88 | OHX | 2 | 2002 | 7/7 | 0.96 | 0.14 | 109,109,109,109 | 4 |
| 88 | OHX | 5 | 4013 | 7/7 | 0.96 | 0.11 | 67,67,67,67 | 4 |
| 88 | OHX | 2 | 2007 | 7/7 | 0.96 | 0.12 | 136,136,136,136 | 6 |
| 87 | MG | 1 | 3560 | 1/1 | 0.96 | 0.31 | 35,35,35,35 | 0 |
| 88 | OHX | 1 | 3943 | 7/7 | 0.96 | 0.08 | 89,89,89,89 | 3 |
| 88 | OHX | 6 | 2131 | 7/7 | 0.96 | 0.09 | 53,53,53,53 | 4 |
| 88 | OHX | 6 | 2132 | 7/7 | 0.96 | 0.12 | 61,61,61,61 | 5 |
| 87 | MG | 5 | 3781 | 1/1 | 0.96 | 0.09 | 56,56,56,56 | 0 |
| 87 | MG | L7 | 301 | 1/1 | 0.96 | 0.14 | 41,41,41,41 | 0 |
| 87 | MG | 5 | 3526 | 1/1 | 0.96 | 0.29 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3638 | 1/1 | 0.96 | 0.12 | 41,41,41,41 | 0 |
| 88 | OHX | 5 | 4024 | 7/7 | 0.96 | 0.13 | 74,74,74,74 | 5 |
| 88 | OHX | 2 | 2023 | 7/7 | 0.96 | 0.09 | 111,111,111,111 | 2 |
| 88 | OHX | 5 | 4026 | 7/7 | 0.96 | 0.11 | 68,68,68,68 | 6 |
| 88 | OHX | 2 | 2024 | 7/7 | 0.96 | 0.09 | 98,98,98,98 | 6 |
| 87 | MG | 5 | 3434 | 1/1 | 0.96 | 0.22 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3403 | 1/1 | 0.96 | 0.16 | 43,43,43,43 | 0 |
| 88 | OHX | 2 | 2027 | 7/7 | 0.96 | 0.10 | 94,94,94,94 | 5 |
| 87 | MG | 5 | 3529 | 1/1 | 0.96 | 0.34 | 28,28,28,28 | 0 |
| 88 | OHX | 5 | 4033 | 7/7 | 0.96 | 0.09 | 37,37,37,37 | 5 |
| 88 | OHX | 1 | 3958 | 7/7 | 0.96 | 0.10 | 47,47,47,47 | 4 |
| 88 | OHX | 1 | 3960 | 7/7 | 0.96 | 0.07 | 110,110,110,110 | 2 |
| 88 | OHX | 1 | 3961 | 7/7 | 0.96 | 0.11 | 41,41,41,41 | 4 |
| 88 | OHX | 2 | 2031 | 7/7 | 0.96 | 0.09 | 102,102,102,102 | 1 |
| 87 | MG | 5 | 3530 | 1/1 | 0.96 | 0.20 | 46,46,46,46 | 0 |
| 88 | OHX | 2 | 2033 | 7/7 | 0.96 | 0.08 | 91,91,91,91 | 7 |
| 87 | MG | 5 | 3437 | 1/1 | 0.96 | 0.17 | 33,33,33,33 | 0 |
| 87 | MG | 5 | 3709 | 1/1 | 0.96 | 0.24 | 56,56,56,56 | 0 |
| 87 | MG | 5 | 3438 | 1/1 | 0.96 | 0.22 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3439 | 1/1 | 0.96 | 0.13 | 46,46,46,46 | 0 |
| 88 | OHX | 2 | 2040 | 7/7 | 0.96 | 0.13 | 68,68,68,68 | 4 |
| 88 | OHX | 2 | 2041 | 7/7 | 0.96 | 0.08 | 110,110,110,110 | 5 |
| 88 | OHX | 2 | 2042 | 7/7 | 0.96 | 0.13 | 100,100,100,100 | 4 |
| 88 | OHX | 5 | 4048 | 7/7 | 0.96 | 0.14 | 41,41,41,41 | 5 |
| 88 | OHX | 1 | 3972 | 7/7 | 0.96 | 0.10 | 53,53,53,53 | 2 |
| 88 | OHX | 5 | 4050 | 7/7 | 0.96 | 0.07 | 39,39,39,39 | 4 |
| 88 | OHX | 5 | 4051 | 7/7 | 0.96 | 0.09 | 51,51,51,51 | 2 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3623 | 1/1 | 0.96 | 0.06 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3484 | 1/1 | 0.96 | 0.07 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3715 | 1/1 | 0.96 | 0.23 | 39,39,39,39 | 0 |
| 87 | MG | 2 | 1913 | 1/1 | 0.96 | 0.07 | 69,69,69,69 | 0 |
| 88 | OHX | 5 | 4056 | 7/7 | 0.96 | 0.10 | 49,49,49,49 | 5 |
| 87 | MG | 5 | 4163 | 1/1 | 0.96 | 0.17 | 34,34,34,34 | 0 |
| 87 | MG | 5 | 3486 | 1/1 | 0.96 | 0.19 | 45,45,45,45 | 0 |
| 88 | OHX | 1 | 3980 | 7/7 | 0.96 | 0.08 | 182,182,182,182 | 7 |
| 87 | MG | 5 | 3718 | 1/1 | 0.96 | 0.25 | 59,59,59,59 | 0 |
| 87 | MG | 6 | 1991 | 1/1 | 0.96 | 0.09 | 65,65,65,65 | 0 |
| 87 | MG | 1 | 3563 | 1/1 | 0.96 | 0.29 | 40,40,40,40 | 0 |
| 88 | OHX | 2 | 2054 | 7/7 | 0.96 | 0.12 | 104,104,104,104 | 5 |
| 88 | OHX | 1 | 3986 | 7/7 | 0.96 | 0.09 | 41,41,41,41 | 2 |
| 88 | OHX | 1 | 3987 | 7/7 | 0.96 | 0.13 | 65,65,65,65 | 5 |
| 87 | MG | 1 | 3626 | 1/1 | 0.96 | 0.14 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3656 | 1/1 | 0.96 | 0.07 | 42,42,42,42 | 0 |
| 87 | MG | 1 | 3504 | 1/1 | 0.96 | 0.20 | 42,42,42,42 | 0 |
| 87 | MG | 5 | 3658 | 1/1 | 0.96 | 0.15 | 39,39,39,39 | 0 |
| 87 | MG | 5 | 3599 | 1/1 | 0.96 | 0.14 | 42,42,42,42 | 0 |
| 87 | MG | 5 | 3661 | 1/1 | 0.96 | 0.19 | 43,43,43,43 | 0 |
| 87 | MG | 6 | 1908 | 1/1 | 0.96 | 0.30 | 58,58,58,58 | 0 |
| 87 | MG | 1 | 3650 | 1/1 | 0.96 | 0.07 | 55,55,55,55 | 0 |
| 88 | OHX | 1 | 3996 | 7/7 | 0.96 | 0.09 | 55,55,55,55 | 5 |
| 87 | MG | 1 | 3549 | 1/1 | 0.96 | 0.23 | 39,39,39,39 | 0 |
| 87 | MG | 2 | 1903 | 1/1 | 0.96 | 0.16 | 59,59,59,59 | 0 |
| 88 | OHX | L3 | 404 | 7/7 | 0.96 | 0.10 | 68,68,68,68 | 2 |
| 88 | OHX | 5 | 4080 | 7/7 | 0.96 | 0.06 | 111,111,111,111 | 4 |
| 87 | MG | 5 | 3605 | 1/1 | 0.96 | 0.25 | 56,56,56,56 | 0 |
| 88 | OHX | 1 | 3803 | 7/7 | 0.96 | 0.14 | 60,60,60,60 | 3 |
| 88 | OHX | 1 | 3810 | 7/7 | 0.96 | 0.12 | 89,89,89,89 | 4 |
| 88 | OHX | 1 | 3812 | 7/7 | 0.96 | 0.16 | 100,100,100,100 | 3 |
| 87 | MG | 1 | 3406 | 1/1 | 0.96 | 0.12 | 48,48,48,48 | 0 |
| 88 | OHX | 1 | 3824 | 7/7 | 0.96 | 0.16 | 57,57,57,57 | 2 |
| 88 | OHX | 1 | 3827 | 7/7 | 0.96 | 0.12 | 73,73,73,73 | 1 |
| 87 | MG | 5 | 3547 | 1/1 | 0.96 | 0.26 | 51,51,51,51 | 0 |
| 87 | MG | 4 | 213 | 1/1 | 0.96 | 0.24 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 4010 | 7/7 | 0.96 | 0.12 | 50,50,50,50 | 6 |
| 88 | OHX | 1 | 3832 | 7/7 | 0.96 | 0.15 | 88,88,88,88 | 3 |
| 88 | OHX | 1 | 3834 | 7/7 | 0.96 | 0.13 | 47,47,47,47 | 2 |
| 87 | MG | 5 | 3741 | 1/1 | 0.96 | 0.08 | 39,39,39,39 | 0 |
| 88 | OHX | 5 | 4096 | 7/7 | 0.96 | 0.08 | 55,55,55,55 | 4 |
| 87 | MG | 5 | 3670 | 1/1 | 0.96 | 0.22 | 36,36,36,36 | 1 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 6 | 2032 | 7/7 | 0.96 | 0.12 | 131,131,131,131 | 3 |
| 88 | OHX | 6 | 2035 | 7/7 | 0.96 | 0.15 | 82,82,82,82 | 3 |
| 87 | MG | 6 | 1968 | 1/1 | 0.96 | 0.22 | 55,55,55,55 | 0 |
| 88 | OHX | 1 | 3845 | 7/7 | 0.96 | 0.12 | 70,70,70,70 | 2 |
| 87 | MG | 5 | 3744 | 1/1 | 0.96 | 0.11 | 42,42,42,42 | 0 |
| 88 | OHX | 6 | 2049 | 7/7 | 0.96 | 0.10 | 95,95,95,95 | 2 |
| 88 | OHX | 5 | 3872 | 7/7 | 0.96 | 0.17 | 71,71,71,71 | 3 |
| 88 | OHX | 5 | 3873 | 7/7 | 0.96 | 0.15 | 65,65,65,65 | 3 |
| 88 | OHX | 5 | 3875 | 7/7 | 0.96 | 0.22 | 53,53,53,53 | 3 |
| 88 | OHX | 5 | 4108 | 7/7 | 0.96 | 0.14 | 64,64,64,64 | 4 |
| 88 | OHX | 5 | 4109 | 7/7 | 0.96 | 0.09 | 68,68,68,68 | 6 |
| 87 | MG | 5 | 3672 | 1/1 | 0.96 | 0.19 | 48,48,48,48 | 0 |
| 88 | OHX | 5 | 3893 | 7/7 | 0.96 | 0.13 | 76,76,76,76 | 4 |
| 88 | OHX | 2 | 2077 | 7/7 | 0.96 | 0.09 | 73,73,73,73 | 3 |
| 87 | MG | 1 | 3697 | 1/1 | 0.96 | 0.32 | 56,56,56,56 | 0 |
| 88 | OHX | 5 | 3899 | 7/7 | 0.96 | 0.14 | 72,72,72,72 | 2 |
| 88 | OHX | 6 | 2054 | 7/7 | 0.96 | 0.13 | 89,89,89,89 | 2 |
| 88 | OHX | 1 | 3858 | 7/7 | 0.96 | 0.15 | 61,61,61,61 | 3 |
| 88 | OHX | 6 | 2059 | 7/7 | 0.96 | 0.14 | 67,67,67,67 | 4 |
| 87 | MG | 1 | 3655 | 1/1 | 0.96 | 0.08 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3417 | 1/1 | 0.96 | 0.21 | 50,50,50,50 | 0 |
| 88 | OHX | 5 | 3911 | 7/7 | 0.96 | 0.10 | 137,137,137,137 | 3 |
| 88 | OHX | 5 | 3912 | 7/7 | 0.96 | 0.16 | 43,43,43,43 | 4 |
| 88 | OHX | 5 | 3913 | 7/7 | 0.96 | 0.10 | 55,55,55,55 | 3 |
| 88 | OHX | 5 | 4123 | 7/7 | 0.96 | 0.10 | 47,47,47,47 | 3 |
| 88 | OHX | 6 | 2062 | 7/7 | 0.96 | 0.10 | 114,114,114,114 | 4 |
| 88 | OHX | 1 | 3864 | 7/7 | 0.96 | 0.14 | 65,65,65,65 | 2 |
| 88 | OHX | 5 | 4126 | 7/7 | 0.96 | 0.15 | 53,53,53,53 | 6 |
| 87 | MG | 5 | 3418 | 1/1 | 0.96 | 0.10 | 41,41,41,41 | 0 |
| 88 | OHX | 5 | 3922 | 7/7 | 0.96 | 0.13 | 59,59,59,59 | 3 |
| 88 | OHX | 2 | 2082 | 7/7 | 0.96 | 0.15 | 86,86,86,86 | 5 |
| 87 | MG | 1 | 3491 | 1/1 | 0.96 | 0.06 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3601 | 1/1 | 0.96 | 0.16 | 47,47,47,47 | 0 |
| 87 | MG | 5 | 3752 | 1/1 | 0.96 | 0.09 | 41,41,41,41 | 1 |
| 88 | OHX | 6 | 2069 | 7/7 | 0.96 | 0.12 | 74,74,74,74 | 4 |
| 87 | MG | 5 | 3679 | 1/1 | 0.96 | 0.21 | 50,50,50,50 | 0 |
| 87 | MG | 5 | 3754 | 1/1 | 0.96 | 0.18 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 3876 | 7/7 | 0.96 | 0.11 | 56,56,56,56 | 4 |
| 88 | OHX | 5 | 3937 | 7/7 | 0.96 | 0.09 | 136,136,136,136 | 1 |
| 88 | OHX | 1 | 3880 | 7/7 | 0.96 | 0.13 | 62,62,62,62 | 4 |
| 87 | MG | 6 | 1975 | 1/1 | 0.96 | 0.27 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 3942 | 7/7 | 0.96 | 0.17 | 46,46,46,46 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 3943 | 7/7 | 0.96 | 0.11 | 69,69,69,69 | 2 |
| 88 | OHX | 6 | 2075 | 7/7 | 0.96 | 0.12 | 71,71,71,71 | 2 |
| 88 | OHX | 1 | 3884 | 7/7 | 0.96 | 0.16 | 54,54,54,54 | 3 |
| 88 | OHX | 1 | 3888 | 7/7 | 0.96 | 0.15 | 45,45,45,45 | 3 |
| 88 | OHX | 5 | 3949 | 7/7 | 0.96 | 0.14 | 50,50,50,50 | 4 |
| 87 | MG | 5 | 3756 | 1/1 | 0.96 | 0.17 | 39,39,39,39 | 0 |
| 88 | OHX | 5 | 3951 | 7/7 | 0.96 | 0.18 | 49,49,49,49 | 3 |
| 88 | OHX | 5 | 3952 | 7/7 | 0.96 | 0.11 | 45,45,45,45 | 3 |
| 88 | OHX | 6 | 2081 | 7/7 | 0.96 | 0.09 | 74,74,74,74 | 3 |
| 88 | OHX | 6 | 2082 | 7/7 | 0.96 | 0.12 | 93,93,93,93 | 4 |
| 88 | OHX | 5 | 3955 | 7/7 | 0.96 | 0.09 | 42,42,42,42 | 2 |
| 87 | MG | 1 | 3531 | 1/1 | 0.96 | 0.26 | 52,52,52,52 | 0 |
| 87 | MG | 5 | 3507 | 1/1 | 0.96 | 0.37 | 37,37,37,37 | 0 |
| 88 | OHX | 1 | 3896 | 7/7 | 0.96 | 0.10 | 57,57,57,57 | 4 |
| 88 | OHX | 2 | 2093 | 7/7 | 0.96 | 0.09 | 91,91,91,91 | 7 |
| 87 | MG | O2 | 201 | 1/1 | 0.96 | 0.16 | 36,36,36,36 | 1 |
| 87 | MG | 5 | 3760 | 1/1 | 0.96 | 0.12 | 48,48,48,48 | 0 |
| 87 | MG | 5 | 3761 | 1/1 | 0.96 | 0.12 | 41,41,41,41 | 1 |
| 87 | MG | 5 | 3466 | 1/1 | 0.96 | 0.09 | 44,44,44,44 | 0 |
| 88 | OHX | 7 | 218 | 7/7 | 0.96 | 0.14 | 56,56,56,56 | 2 |
| 87 | MG | 4 | 236 | 1/1 | 0.96 | 0.08 | 56,56,56,56 | 0 |
| 87 | MG | 1 | 3478 | 1/1 | 0.96 | 0.24 | 39,39,39,39 | 0 |
| 88 | OHX | 5 | 3969 | 7/7 | 0.96 | 0.09 | 54,54,54,54 | 4 |
| 88 | OHX | 1 | 3905 | 7/7 | 0.96 | 0.09 | 52,52,52,52 | 2 |
| 88 | OHX | 5 | 3971 | 7/7 | 0.96 | 0.12 | 43,43,43,43 | 2 |
| 88 | OHX | 5 | 3972 | 7/7 | 0.96 | 0.12 | 60,60,60,60 | 4 |
| 88 | OHX | 8 | 217 | 7/7 | 0.96 | 0.13 | 85,85,85,85 | 3 |
| 87 | MG | n0 | 201 | 1/1 | 0.96 | 0.11 | 45,45,45,45 | 0 |
| 88 | OHX | 5 | 3975 | 7/7 | 0.96 | 0.09 | 70,70,70,70 | 2 |
| 88 | OHX | 6 | 2098 | 7/7 | 0.96 | 0.15 | 75,75,75,75 | 4 |
| 88 | OHX | 8 | 221 | 7/7 | 0.96 | 0.12 | 42,42,42,42 | 4 |
| 87 | MG | L2 | 302 | 1/1 | 0.96 | 0.17 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3470 | 1/1 | 0.96 | 0.17 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 4052 | 7/7 | 0.96 | 0.13 | 58,58,58,58 | 2 |
| 88 | OHX | 1 | 3909 | 7/7 | 0.96 | 0.13 | 68,68,68,68 | 3 |
| 87 | MG | 5 | 3471 | 1/1 | 0.96 | 0.27 | 59,59,59,59 | 0 |
| 88 | OHX | 5 | 3985 | 7/7 | 0.96 | 0.19 | 46,46,46,46 | 4 |
| 87 | MG | 5 | 3769 | 1/1 | 0.96 | 0.09 | 43,43,43,43 | 1 |
| 88 | OHX | 5 | 3987 | 7/7 | 0.96 | 0.14 | 69,69,69,69 | 5 |
| 87 | MG | 5 | 3472 | 1/1 | 0.96 | 0.17 | 44,44,44,44 | 0 |
| 87 | MG | L3 | 401 | 1/1 | 0.96 | 0.17 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3510 | 1/1 | 0.96 | 0.14 | 36,36,36,36 | 0 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3917 | 7/7 | 0.96 | 0.12 | 52,52,52,52 | 5 |
| 87 | MG | 5 | 3631 | 1/1 | 0.96 | 0.07 | 50,50,50,50 | 0 |
| 88 | OHX | 2 | 2109 | 7/7 | 0.96 | 0.07 | 73,73,73,73 | 4 |
| 88 | OHX | 1 | 3922 | 7/7 | 0.96 | 0.10 | 74,74,74,74 | 4 |
| 87 | MG | 5 | 3694 | 1/1 | 0.96 | 0.17 | 45,45,45,45 | 0 |
| 88 | OHX | 2 | 2111 | 7/7 | 0.96 | 0.10 | 73,73,73,73 | 5 |
| 88 | OHX | 5 | 3997 | 7/7 | 0.96 | 0.15 | 42,42,42,42 | 3 |
| 87 | MG | 5 | 3572 | 1/1 | 0.96 | 0.22 | 32,32,32,32 | 0 |
| 88 | OHX | 1 | 3927 | 7/7 | 0.96 | 0.14 | 48,48,48,48 | 4 |
| 88 | OHX | m5 | 301 | 7/7 | 0.96 | 0.12 | 72,72,72,72 | 3 |
| 87 | MG | o9 | 101 | 1/1 | 0.96 | 0.10 | 53,53,53,53 | 0 |
| 87 | MG | O7 | 104 | 1/1 | 0.96 | 0.30 | 43,43,43,43 | 1 |
| 88 | OHX | n6 | 202 | 7/7 | 0.96 | 0.10 | 89,89,89,89 | 5 |
| 88 | OHX | 1 | 3933 | 7/7 | 0.96 | 0.14 | 53,53,53,53 | 4 |
| 88 | OHX | 1 | 3934 | 7/7 | 0.96 | 0.10 | 65,65,65,65 | 3 |
| 88 | OHX | 1 | 3935 | 7/7 | 0.96 | 0.13 | 55,55,55,55 | 2 |
| 88 | OHX | 5 | 4006 | 7/7 | 0.96 | 0.13 | 49,49,49,49 | 2 |
| 88 | OHX | 5 | 4009 | 7/7 | 0.96 | 0.11 | 41,41,41,41 | 3 |
| 87 | MG | 5 | 3697 | 1/1 | 0.96 | 0.11 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3522 | 1/1 | 0.96 | 0.38 | 45,45,45,45 | 0 |
| 88 | OHX | 5 | 3879 | 7/7 | 0.97 | 0.13 | 61,61,61,61 | 3 |
| 88 | OHX | 2 | 2034 | 7/7 | 0.97 | 0.11 | 79,79,79,79 | 5 |
| 87 | MG | 1 | 3554 | 1/1 | 0.97 | 0.26 | 30,30,30,30 | 0 |
| 88 | OHX | 6 | 2089 | 7/7 | 0.97 | 0.12 | 58,58,58,58 | 3 |
| 88 | OHX | 5 | 3897 | 7/7 | 0.97 | 0.10 | 76,76,76,76 | 2 |
| 88 | OHX | 1 | 3849 | 7/7 | 0.97 | 0.10 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 3852 | 7/7 | 0.97 | 0.10 | 79,79,79,79 | 2 |
| 88 | OHX | 2 | 2036 | 7/7 | 0.97 | 0.11 | 75,75,75,75 | 5 |
| 88 | OHX | 1 | 3973 | 7/7 | 0.97 | 0.10 | 52,52,52,52 | 3 |
| 87 | MG | 1 | 3411 | 1/1 | 0.97 | 0.23 | 46,46,46,46 | 0 |
| 87 | MG | 6 | 2001 | 1/1 | 0.97 | 0.09 | 51,51,51,51 | 0 |
| 88 | OHX | 6 | 2096 | 7/7 | 0.97 | 0.10 | 86,86,86,86 | 5 |
| 88 | OHX | 5 | 3910 | 7/7 | 0.97 | 0.08 | 64,64,64,64 | 4 |
| 88 | OHX | 5 | 4067 | 7/7 | 0.97 | 0.07 | 41,41,41,41 | 4 |
| 87 | MG | 6 | 2002 | 1/1 | 0.97 | 0.20 | 55,55,55,55 | 0 |
| 87 | MG | 5 | 3650 | 1/1 | 0.97 | 0.07 | 43,43,43,43 | 0 |
| 87 | MG | 1 | 3532 | 1/1 | 0.97 | 0.22 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 3862 | 7/7 | 0.97 | 0.10 | 54,54,54,54 | 4 |
| 88 | OHX | 5 | 4072 | 7/7 | 0.97 | 0.09 | 42,42,42,42 | 4 |
| 88 | OHX | 5 | 3916 | 7/7 | 0.97 | 0.11 | 90,90,90,90 | 5 |
| 87 | MG | 1 | 3637 | 1/1 | 0.97 | 0.26 | 47,47,47,47 | 0 |
| 88 | OHX | 2 | 2043 | 7/7 | 0.97 | 0.16 | 80,80,80,80 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 3921 | 7/7 | 0.97 | 0.11 | 83,83,83,83 | 3 |
| 88 | OHX | 6 | 2103 | 7/7 | 0.97 | 0.12 | 90,90,90,90 | 7 |
| 87 | MG | 5 | 3460 | 1/1 | 0.97 | 0.27 | 34,34,34,34 | 0 |
| 88 | OHX | 1 | 3867 | 7/7 | 0.97 | 0.11 | 84,84,84,84 | 3 |
| 88 | OHX | 5 | 3925 | 7/7 | 0.97 | 0.14 | 46,46,46,46 | 4 |
| 88 | OHX | 5 | 3926 | 7/7 | 0.97 | 0.16 | 41,41,41,41 | 5 |
| 87 | MG | 8 | 206 | 1/1 | 0.97 | 0.10 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 3929 | 7/7 | 0.97 | 0.13 | 42,42,42,42 | 4 |
| 87 | MG | 5 | 3420 | 1/1 | 0.97 | 0.04 | 35,35,35,35 | 0 |
| 88 | OHX | 5 | 4085 | 7/7 | 0.97 | 0.08 | 66,66,66,66 | 3 |
| 88 | OHX | 6 | 2108 | 7/7 | 0.97 | 0.09 | 91,91,91,91 | 5 |
| 88 | OHX | 5 | 4087 | 7/7 | 0.97 | 0.16 | 45,45,45,45 | 6 |
| 87 | MG | 1 | 3460 | 1/1 | 0.97 | 0.25 | 59,59,59,59 | 0 |
| 87 | MG | 5 | 3707 | 1/1 | 0.97 | 0.14 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 3874 | 7/7 | 0.97 | 0.14 | 43,43,43,43 | 3 |
| 88 | OHX | 5 | 3936 | 7/7 | 0.97 | 0.09 | 51,51,51,51 | 1 |
| 88 | OHX | 2 | 2049 | 7/7 | 0.97 | 0.10 | 78,78,78,78 | 6 |
| 87 | MG | 6 | 2006 | 1/1 | 0.97 | 0.08 | 83,83,83,83 | 0 |
| 88 | OHX | 6 | 2114 | 7/7 | 0.97 | 0.14 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 3877 | 7/7 | 0.97 | 0.12 | 44,44,44,44 | 1 |
| 88 | OHX | 1 | 3878 | 7/7 | 0.97 | 0.11 | 46,46,46,46 | 4 |
| 88 | OHX | 5 | 3944 | 7/7 | 0.97 | 0.10 | 50,50,50,50 | 4 |
| 87 | MG | 5 | 3606 | 1/1 | 0.97 | 0.08 | 40,40,40,40 | 0 |
| 87 | MG | 5 | 3659 | 1/1 | 0.97 | 0.17 | 49,49,49,49 | 0 |
| 88 | OHX | 1 | 3882 | 7/7 | 0.97 | 0.14 | 65,65,65,65 | 5 |
| 87 | MG | 5 | 3423 | 1/1 | 0.97 | 0.14 | 38,38,38,38 | 0 |
| 88 | OHX | 1 | 3886 | 7/7 | 0.97 | 0.10 | 124,124,124,124 | 4 |
| 88 | OHX | 1 | 3887 | 7/7 | 0.97 | 0.12 | 63,63,63,63 | 1 |
| 87 | MG | 5 | 3465 | 1/1 | 0.97 | 0.12 | 36,36,36,36 | 0 |
| 88 | OHX | 1 | 4001 | 7/7 | 0.97 | 0.07 | 200,200,200,200 | 7 |
| 87 | MG | 5 | 3772 | 1/1 | 0.97 | 0.04 | 65,65,65,65 | 0 |
| 88 | OHX | 5 | 4107 | 7/7 | 0.97 | 0.17 | 48,48,48,48 | 5 |
| 87 | MG | 5 | 3508 | 1/1 | 0.97 | 0.33 | 34,34,34,34 | 0 |
| 88 | OHX | 3 | 210 | 7/7 | 0.97 | 0.12 | 48,48,48,48 | 3 |
| 88 | OHX | 1 | 3891 | 7/7 | 0.97 | 0.08 | 63,63,63,63 | 3 |
| 88 | OHX | 3 | 212 | 7/7 | 0.97 | 0.12 | 76,76,76,76 | 2 |
| 88 | OHX | 2 | 2058 | 7/7 | 0.97 | 0.08 | 61,61,61,61 | 3 |
| 88 | OHX | 5 | 3960 | 7/7 | 0.97 | 0.06 | 108,108,108,108 | 4 |
| 88 | OHX | 1 | 3893 | 7/7 | 0.97 | 0.06 | 131,131,131,131 | 5 |
| 88 | OHX | 1 | 3894 | 7/7 | 0.97 | 0.09 | 49,49,49,49 | 4 |
| 87 | MG | 6 | 1972 | 1/1 | 0.97 | 0.15 | 60,60,60,60 | 0 |
| 88 | OHX | 5 | 3964 | 7/7 | 0.97 | 0.12 | 53,53,53,53 | 5 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 4009 | 7/7 | 0.97 | 0.08 | 42,42,42,42 | 3 |
| 87 | MG | 2 | 1919 | 1/1 | 0.97 | 0.26 | 70,70,70,70 | 0 |
| 87 | MG | 4 | 212 | 1/1 | 0.97 | 0.20 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3474 | 1/1 | 0.97 | 0.35 | 43,43,43,43 | 0 |
| 88 | OHX | 4 | 225 | 7/7 | 0.97 | 0.08 | 57,57,57,57 | 3 |
| 87 | MG | 5 | 3719 | 1/1 | 0.97 | 0.09 | 60,60,60,60 | 0 |
| 87 | MG | 5 | 3560 | 1/1 | 0.97 | 0.35 | 34,34,34,34 | 0 |
| 87 | MG | 6 | 1976 | 1/1 | 0.97 | 0.25 | 54,54,54,54 | 0 |
| 87 | MG | 1 | 3732 | 1/1 | 0.97 | 0.12 | 37,37,37,37 | 0 |
| 87 | MG | 5 | 3724 | 1/1 | 0.97 | 0.11 | 44,44,44,44 | 0 |
| 87 | MG | 1 | 3733 | 1/1 | 0.97 | 0.12 | 37,37,37,37 | 1 |
| 88 | OHX | 5 | 3978 | 7/7 | 0.97 | 0.10 | 45,45,45,45 | 3 |
| 87 | MG | 1 | 4111 | 1/1 | 0.97 | 0.14 | 44,44,44,44 | 1 |
| 87 | MG | n3 | 201 | 1/1 | 0.97 | 0.21 | 31,31,31,31 | 0 |
| 87 | MG | 1 | 4112 | 1/1 | 0.97 | 0.08 | 35,35,35,35 | 1 |
| 88 | OHX | 1 | 3910 | 7/7 | 0.97 | 0.10 | 75,75,75,75 | 3 |
| 88 | OHX | 5 | 3984 | 7/7 | 0.97 | 0.11 | 42,42,42,42 | 3 |
| 88 | OHX | 1 | 3911 | 7/7 | 0.97 | 0.11 | 64,64,64,64 | 4 |
| 87 | MG | 1 | 3547 | 1/1 | 0.97 | 0.31 | 38,38,38,38 | 0 |
| 87 | MG | 6 | 1982 | 1/1 | 0.97 | 0.07 | 61,61,61,61 | 0 |
| 87 | MG | 1 | 3441 | 1/1 | 0.97 | 0.07 | 56,56,56,56 | 0 |
| 88 | OHX | 2 | 2075 | 7/7 | 0.97 | 0.13 | 60,60,60,60 | 4 |
| 87 | MG | 5 | 3523 | 1/1 | 0.97 | 0.25 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3436 | 1/1 | 0.97 | 0.27 | 46,46,46,46 | 0 |
| 87 | MG | 5 | 3733 | 1/1 | 0.97 | 0.10 | 39,39,39,39 | 0 |
| 87 | MG | 1 | 3667 | 1/1 | 0.97 | 0.07 | 38,38,38,38 | 1 |
| 88 | OHX | 1 | 3921 | 7/7 | 0.97 | 0.10 | 73,73,73,73 | 3 |
| 87 | MG | 5 | 3735 | 1/1 | 0.97 | 0.21 | 49,49,49,49 | 1 |
| 87 | MG | 1 | 3526 | 1/1 | 0.97 | 0.20 | 38,38,38,38 | 0 |
| 87 | MG | 5 | 3737 | 1/1 | 0.97 | 0.14 | 51,51,51,51 | 0 |
| 88 | OHX | 1 | 3925 | 7/7 | 0.97 | 0.14 | 56,56,56,56 | 7 |
| 88 | OHX | S1 | 301 | 7/7 | 0.97 | 0.10 | 117,117,117,117 | 3 |
| 87 | MG | 1 | 3645 | 1/1 | 0.97 | 0.23 | 57,57,57,57 | 0 |
| 87 | MG | 1 | 3429 | 1/1 | 0.97 | 0.16 | 42,42,42,42 | 0 |
| 88 | OHX | 2 | 1999 | 7/7 | 0.97 | 0.14 | 104,104,104,104 | 2 |
| 88 | OHX | C1 | 201 | 7/7 | 0.97 | 0.14 | 97,97,97,97 | 5 |
| 88 | OHX | 6 | 2048 | 7/7 | 0.97 | 0.09 | 64,64,64,64 | 2 |
| 87 | MG | L3 | 402 | 1/1 | 0.97 | 0.28 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 4007 | 7/7 | 0.97 | 0.13 | 35,35,35,35 | 3 |
| 88 | OHX | 5 | 4008 | 7/7 | 0.97 | 0.12 | 40,40,40,40 | 3 |
| 88 | OHX | 2 | 2004 | 7/7 | 0.97 | 0.11 | 112,112,112,112 | 3 |
| 88 | OHX | C8 | 201 | 7/7 | 0.97 | 0.10 | 106,106,106,106 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | Q0 | 202 | 1/1 | 0.97 | 0.07 | 56,56,56,56 | 0 |
| 87 | MG | 5 | 3581 | 1/1 | 0.97 | 0.30 | 28,28,28,28 | 0 |
| 88 | OHX | 6 | 2055 | 7/7 | 0.97 | 0.09 | 110,110,110,110 | 2 |
| 88 | OHX | 7 | 224 | 7/7 | 0.97 | 0.12 | 51,51,51,51 | 4 |
| 88 | OHX | 5 | 4014 | 7/7 | 0.97 | 0.06 | 72,72,72,72 | 4 |
| 87 | MG | 1 | 3611 | 1/1 | 0.97 | 0.22 | 59,59,59,59 | 0 |
| 88 | OHX | 1 | 3940 | 7/7 | 0.97 | 0.13 | 47,47,47,47 | 4 |
| 87 | MG | 7 | 202 | 1/1 | 0.97 | 0.24 | 26,26,26,26 | 0 |
| 88 | OHX | 8 | 215 | 7/7 | 0.97 | 0.12 | 59,59,59,59 | 2 |
| 88 | OHX | 8 | 216 | 7/7 | 0.97 | 0.11 | 60,60,60,60 | 4 |
| 88 | OHX | 1 | 3807 | 7/7 | 0.97 | 0.14 | 86,86,86,86 | 3 |
| 88 | OHX | 1 | 3808 | 7/7 | 0.97 | 0.10 | 52,52,52,52 | 1 |
| 88 | OHX | 1 | 3946 | 7/7 | 0.97 | 0.07 | 56,56,56,56 | 3 |
| 87 | MG | 1 | 3443 | 1/1 | 0.97 | 0.14 | 36,36,36,36 | 0 |
| 87 | MG | 1 | 3649 | 1/1 | 0.97 | 0.17 | 45,45,45,45 | 0 |
| 88 | OHX | 1 | 3949 | 7/7 | 0.97 | 0.08 | 37,37,37,37 | 2 |
| 88 | OHX | 1 | 3815 | 7/7 | 0.97 | 0.20 | 51,51,51,51 | 3 |
| 88 | OHX | 1 | 3816 | 7/7 | 0.97 | 0.14 | 66,66,66,66 | 5 |
| 88 | OHX | 1 | 3818 | 7/7 | 0.97 | 0.12 | 106,106,106,106 | 3 |
| 88 | OHX | 2 | 2022 | 7/7 | 0.97 | 0.12 | 78,78,78,78 | 2 |
| 88 | OHX | 1 | 3821 | 7/7 | 0.97 | 0.15 | 83,83,83,83 | 3 |
| 88 | OHX | 5 | 4029 | 7/7 | 0.97 | 0.09 | 49,49,49,49 | 4 |
| 87 | MG | 1 | 3583 | 1/1 | 0.97 | 0.21 | 42,42,42,42 | 0 |
| 87 | MG | 5 | 3489 | 1/1 | 0.97 | 0.21 | 40,40,40,40 | 0 |
| 88 | OHX | 1 | 3957 | 7/7 | 0.97 | 0.07 | 48,48,48,48 | 3 |
| 87 | MG | 1 | 3529 | 1/1 | 0.97 | 0.17 | 49,49,49,49 | 0 |
| 88 | OHX | l3 | 402 | 7/7 | 0.97 | 0.11 | 50,50,50,50 | 2 |
| 88 | OHX | 6 | 2076 | 7/7 | 0.97 | 0.11 | 54,54,54,54 | 5 |
| 88 | OHX | 5 | 3826 | 7/7 | 0.97 | 0.11 | 47,47,47,47 | 3 |
| 88 | OHX | 1 | 3830 | 7/7 | 0.97 | 0.15 | 57,57,57,57 | 1 |
| 87 | MG | 5 | 3588 | 1/1 | 0.97 | 0.23 | 37,37,37,37 | 0 |
| 88 | OHX | 5 | 3847 | 7/7 | 0.97 | 0.14 | 87,87,87,87 | 3 |
| 88 | OHX | 5 | 3849 | 7/7 | 0.97 | 0.10 | 127,127,127,127 | 2 |
| 88 | OHX | 5 | 3850 | 7/7 | 0.97 | 0.13 | 72,72,72,72 | 1 |
| 88 | OHX | 5 | 3851 | 7/7 | 0.97 | 0.11 | 41,41,41,41 | 3 |
| 88 | OHX | 6 | 2079 | 7/7 | 0.97 | 0.10 | 52,52,52,52 | 4 |
| 87 | MG | 1 | 3494 | 1/1 | 0.97 | 0.31 | 51,51,51,51 | 0 |
| 88 | OHX | 5 | 3856 | 7/7 | 0.97 | 0.15 | 60,60,60,60 | 2 |
| 87 | MG | 1 | 3653 | 1/1 | 0.97 | 0.06 | 57,57,57,57 | 1 |
| 88 | OHX | n3 | 202 | 7/7 | 0.97 | 0.09 | 63,63,63,63 | 3 |
| 88 | OHX | 5 | 4046 | 7/7 | 0.97 | 0.12 | 46,46,46,46 | 2 |
| 88 | OHX | o3 | 201 | 7/7 | 0.97 | 0.14 | 49,49,49,49 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | M3 | 202 | 1/1 | 0.97 | 0.12 | 44,44,44,44 | 0 |
| 88 | OHX | 5 | 3864 | 7/7 | 0.97 | 0.11 | 87,87,87,87 | 3 |
| 88 | OHX | q2 | 502 | 7/7 | 0.97 | 0.17 | 46,46,46,46 | 3 |
| 87 | MG | 1 | 3633 | 1/1 | 0.97 | 0.17 | 52,52,52,52 | 0 |
| 88 | OHX | 1 | 3842 | 7/7 | 0.97 | 0.10 | 109,109,109,109 | 3 |
| 89 | ZN | Q2 | 501 | 1/1 | 0.97 | 0.13 | 79,79,79,79 | 0 |
| 88 | OHX | 6 | 2085 | 7/7 | 0.97 | 0.09 | 69,69,69,69 | 2 |
| 87 | MG | 5 | 3453 | 1/1 | 0.97 | 0.08 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 3877 | 7/7 | 0.97 | 0.14 | 54,54,54,54 | 3 |
| 88 | OHX | 1 | 3790 | 7/7 | 0.98 | 0.12 | 77,77,77,77 | 3 |
| 88 | OHX | 1 | 3791 | 7/7 | 0.98 | 0.13 | 58,58,58,58 | 3 |
| 88 | OHX | 5 | 3919 | 7/7 | 0.98 | 0.07 | 53,53,53,53 | 1 |
| 88 | OHX | 1 | 3796 | 7/7 | 0.98 | 0.12 | 77,77,77,77 | 3 |
| 88 | OHX | 1 | 3800 | 7/7 | 0.98 | 0.13 | 91,91,91,91 | 3 |
| 87 | MG | 5 | 3649 | 1/1 | 0.98 | 0.09 | 47,47,47,47 | 0 |
| 87 | MG | 1 | 3514 | 1/1 | 0.98 | 0.25 | 35,35,35,35 | 0 |
| 88 | OHX | O7 | 106 | 7/7 | 0.98 | 0.11 | 55,55,55,55 | 3 |
| 88 | OHX | 1 | 3806 | 7/7 | 0.98 | 0.15 | 73,73,73,73 | 2 |
| 88 | OHX | Q2 | 503 | 7/7 | 0.98 | 0.09 | 45,45,45,45 | 2 |
| 88 | OHX | 6 | 2021 | 7/7 | 0.98 | 0.11 | 95,95,95,95 | 3 |
| 88 | OHX | 5 | 3928 | 7/7 | 0.98 | 0.11 | 101,101,101,101 | 3 |
| 88 | OHX | 6 | 2027 | 7/7 | 0.98 | 0.10 | 77,77,77,77 | 1 |
| 87 | MG | 1 | 3666 | 1/1 | 0.98 | 0.20 | 66,66,66,66 | 0 |
| 87 | MG | 5 | 3723 | 1/1 | 0.98 | 0.28 | 55,55,55,55 | 0 |
| 88 | OHX | 6 | 2033 | 7/7 | 0.98 | 0.12 | 60,60,60,60 | 5 |
| 88 | OHX | 1 | 3895 | 7/7 | 0.98 | 0.12 | 50,50,50,50 | 3 |
| 88 | OHX | 6 | 2036 | 7/7 | 0.98 | 0.09 | 58,58,58,58 | 2 |
| 88 | OHX | 6 | 2037 | 7/7 | 0.98 | 0.08 | 95,95,95,95 | 3 |
| 88 | OHX | 6 | 2038 | 7/7 | 0.98 | 0.10 | 63,63,63,63 | 5 |
| 88 | OHX | 1 | 3809 | 7/7 | 0.98 | 0.13 | 77,77,77,77 | 3 |
| 88 | OHX | 6 | 2040 | 7/7 | 0.98 | 0.09 | 130,130,130,130 | 5 |
| 88 | OHX | 5 | 3940 | 7/7 | 0.98 | 0.12 | 42,42,42,42 | 2 |
| 88 | OHX | 5 | 3941 | 7/7 | 0.98 | 0.07 | 60,60,60,60 | 1 |
| 88 | OHX | 6 | 2041 | 7/7 | 0.98 | 0.16 | 61,61,61,61 | 2 |
| 87 | MG | 5 | 3652 | 1/1 | 0.98 | 0.24 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 3811 | 7/7 | 0.98 | 0.16 | 58,58,58,58 | 3 |
| 88 | OHX | 6 | 2045 | 7/7 | 0.98 | 0.09 | 87,87,87,87 | 5 |
| 88 | OHX | 6 | 2046 | 7/7 | 0.98 | 0.09 | 60,60,60,60 | 3 |
| 88 | OHX | 6 | 2047 | 7/7 | 0.98 | 0.11 | 68,68,68,68 | 4 |
| 88 | OHX | 5 | 3948 | 7/7 | 0.98 | 0.09 | 50,50,50,50 | 3 |
| 87 | MG | 1 | 3493 | 1/1 | 0.98 | 0.32 | 30,30,30,30 | 0 |
| 88 | OHX | 1 | 3813 | 7/7 | 0.98 | 0.10 | 54,54,54,54 | 1 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 1 | 3901 | 7/7 | 0.98 | 0.09 | 63,63,63,63 | 5 |
| 87 | MG | 1 | 3737 | 1/1 | 0.98 | 0.26 | 53,53,53,53 | 0 |
| 88 | OHX | 2 | 2029 | 7/7 | 0.98 | 0.08 | 103,103,103,103 | 4 |
| 88 | OHX | 6 | 2053 | 7/7 | 0.98 | 0.08 | 86,86,86,86 | 5 |
| 87 | MG | 1 | 3738 | 1/1 | 0.98 | 0.05 | 62,62,62,62 | 0 |
| 87 | MG | 1 | 3409 | 1/1 | 0.98 | 0.16 | 37,37,37,37 | 0 |
| 88 | OHX | 6 | 2056 | 7/7 | 0.98 | 0.08 | 75,75,75,75 | 3 |
| 87 | MG | 5 | 3765 | 1/1 | 0.98 | 0.18 | 47,47,47,47 | 0 |
| 88 | OHX | 6 | 2058 | 7/7 | 0.98 | 0.09 | 77,77,77,77 | 3 |
| 88 | OHX | 1 | 3822 | 7/7 | 0.98 | 0.12 | 46,46,46,46 | 2 |
| 87 | MG | 1 | 3584 | 1/1 | 0.98 | 0.07 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 3825 | 7/7 | 0.98 | 0.12 | 90,90,90,90 | 3 |
| 87 | MG | 1 | 3632 | 1/1 | 0.98 | 0.08 | 41,41,41,41 | 0 |
| 87 | MG | 1 | 3686 | 1/1 | 0.98 | 0.11 | 47,47,47,47 | 1 |
| 87 | MG | N0 | 201 | 1/1 | 0.98 | 0.12 | 51,51,51,51 | 0 |
| 87 | MG | 1 | 3656 | 1/1 | 0.98 | 0.20 | 44,44,44,44 | 0 |
| 87 | MG | 5 | 3593 | 1/1 | 0.98 | 0.25 | 28,28,28,28 | 0 |
| 88 | OHX | 5 | 3968 | 7/7 | 0.98 | 0.09 | 58,58,58,58 | 3 |
| 88 | OHX | 1 | 3833 | 7/7 | 0.98 | 0.09 | 61,61,61,61 | 3 |
| 88 | OHX | 2 | 2086 | 7/7 | 0.98 | 0.09 | 94,94,94,94 | 4 |
| 88 | OHX | 1 | 3836 | 7/7 | 0.98 | 0.11 | 78,78,78,78 | 3 |
| 88 | OHX | 1 | 3837 | 7/7 | 0.98 | 0.12 | 64,64,64,64 | 3 |
| 87 | MG | 1 | 3688 | 1/1 | 0.98 | 0.16 | 39,39,39,39 | 0 |
| 88 | OHX | 1 | 3920 | 7/7 | 0.98 | 0.10 | 44,44,44,44 | 4 |
| 87 | MG | 1 | 3644 | 1/1 | 0.98 | 0.25 | 51,51,51,51 | 0 |
| 88 | OHX | 1 | 3840 | 7/7 | 0.98 | 0.09 | 90,90,90,90 | 5 |
| 88 | OHX | 1 | 3841 | 7/7 | 0.98 | 0.10 | 48,48,48,48 | 2 |
| 87 | MG | 5 | 3509 | 1/1 | 0.98 | 0.24 | 43,43,43,43 | 0 |
| 87 | MG | 5 | 3565 | 1/1 | 0.98 | 0.17 | 34,34,34,34 | 0 |
| 87 | MG | 1 | 3658 | 1/1 | 0.98 | 0.08 | 43,43,43,43 | 0 |
| 88 | OHX | 5 | 3982 | 7/7 | 0.98 | 0.10 | 43,43,43,43 | 3 |
| 87 | MG | 1 | 3576 | 1/1 | 0.98 | 0.25 | 31,31,31,31 | 0 |
| 88 | OHX | 1 | 3928 | 7/7 | 0.98 | 0.07 | 52,52,52,52 | 3 |
| 88 | OHX | 1 | 3847 | 7/7 | 0.98 | 0.15 | 42,42,42,42 | 2 |
| 88 | OHX | s1 | 301 | 7/7 | 0.98 | 0.12 | 91,91,91,91 | 2 |
| 88 | OHX | 1 | 3930 | 7/7 | 0.98 | 0.10 | 42,42,42,42 | 4 |
| 88 | OHX | 1 | 3931 | 7/7 | 0.98 | 0.10 | 53,53,53,53 | 4 |
| 87 | MG | N8 | 202 | 1/1 | 0.98 | 0.11 | 44,44,44,44 | 0 |
| 88 | OHX | 1 | 3851 | 7/7 | 0.98 | 0.11 | 42,42,42,42 | 4 |
| 87 | MG | 5 | 3513 | 1/1 | 0.98 | 0.15 | 48,48,48,48 | 0 |
| 87 | MG | 1 | 3521 | 1/1 | 0.98 | 0.36 | 43,43,43,43 | 0 |
| 88 | OHX | 1 | 3854 | 7/7 | 0.98 | 0.10 | 53,53,53,53 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 3 | 220 | 1/1 | 0.98 | 0.09 | 49,49,49,49 | 1 |
| 87 | MG | 1 | 3558 | 1/1 | 0.98 | 0.06 | 38,38,38,38 | 0 |
| 88 | OHX | 5 | 3824 | 7/7 | 0.98 | 0.13 | 62,62,62,62 | 2 |
| 87 | MG | 5 | 3573 | 1/1 | 0.98 | 0.28 | 41,41,41,41 | 0 |
| 88 | OHX | 5 | 3827 | 7/7 | 0.98 | 0.12 | 40,40,40,40 | 3 |
| 88 | OHX | 5 | 3831 | 7/7 | 0.98 | 0.11 | 54,54,54,54 | 2 |
| 88 | OHX | 5 | 3837 | 7/7 | 0.98 | 0.12 | 74,74,74,74 | 2 |
| 88 | OHX | 2 | 1996 | 7/7 | 0.98 | 0.11 | 99,99,99,99 | 2 |
| 88 | OHX | 5 | 3839 | 7/7 | 0.98 | 0.10 | 53,53,53,53 | 2 |
| 88 | OHX | 3 | 209 | 7/7 | 0.98 | 0.10 | 68,68,68,68 | 3 |
| 88 | OHX | 5 | 4004 | 7/7 | 0.98 | 0.12 | 49,49,49,49 | 2 |
| 88 | OHX | 5 | 3841 | 7/7 | 0.98 | 0.10 | 51,51,51,51 | 1 |
| 88 | OHX | 5 | 3842 | 7/7 | 0.98 | 0.12 | 77,77,77,77 | 3 |
| 88 | OHX | 5 | 3844 | 7/7 | 0.98 | 0.10 | 47,47,47,47 | 1 |
| 88 | OHX | 5 | 3845 | 7/7 | 0.98 | 0.16 | 79,79,79,79 | 4 |
| 88 | OHX | 5 | 3846 | 7/7 | 0.98 | 0.10 | 88,88,88,88 | 1 |
| 88 | OHX | 1 | 3941 | 7/7 | 0.98 | 0.09 | 46,46,46,46 | 3 |
| 88 | OHX | 5 | 3848 | 7/7 | 0.98 | 0.13 | 58,58,58,58 | 3 |
| 87 | MG | 1 | 3490 | 1/1 | 0.98 | 0.27 | 40,40,40,40 | 0 |
| 88 | OHX | 2 | 2001 | 7/7 | 0.98 | 0.11 | 104,104,104,104 | 2 |
| 88 | OHX | 7 | 216 | 7/7 | 0.98 | 0.14 | 71,71,71,71 | 2 |
| 88 | OHX | 3 | 213 | 7/7 | 0.98 | 0.08 | 76,76,76,76 | 4 |
| 88 | OHX | 7 | 219 | 7/7 | 0.98 | 0.16 | 44,44,44,44 | 2 |
| 88 | OHX | 5 | 3852 | 7/7 | 0.98 | 0.11 | 75,75,75,75 | 2 |
| 88 | OHX | 1 | 3863 | 7/7 | 0.98 | 0.12 | 69,69,69,69 | 4 |
| 88 | OHX | 1 | 3945 | 7/7 | 0.98 | 0.07 | 52,52,52,52 | 1 |
| 88 | OHX | 2 | 2055 | 7/7 | 0.98 | 0.09 | 83,83,83,83 | 5 |
| 87 | MG | 1 | 3712 | 1/1 | 0.98 | 0.12 | 40,40,40,40 | 0 |
| 88 | OHX | 5 | 3860 | 7/7 | 0.98 | 0.10 | 73,73,73,73 | 2 |
| 87 | MG | 5 | 3609 | 1/1 | 0.98 | 0.13 | 38,38,38,38 | 0 |
| 88 | OHX | 2 | 2005 | 7/7 | 0.98 | 0.10 | 90,90,90,90 | 3 |
| 88 | OHX | 5 | 3865 | 7/7 | 0.98 | 0.12 | 49,49,49,49 | 2 |
| 88 | OHX | 5 | 3867 | 7/7 | 0.98 | 0.12 | 75,75,75,75 | 1 |
| 88 | OHX | 5 | 3869 | 7/7 | 0.98 | 0.13 | 45,45,45,45 | 3 |
| 88 | OHX | 4 | 222 | 7/7 | 0.98 | 0.10 | 57,57,57,57 | 3 |
| 87 | MG | 5 | 3576 | 1/1 | 0.98 | 0.16 | 35,35,35,35 | 0 |
| 87 | MG | 5 | 3577 | 1/1 | 0.98 | 0.26 | 39,39,39,39 | 0 |
| 88 | OHX | 5 | 3874 | 7/7 | 0.98 | 0.13 | 62,62,62,62 | 3 |
| 87 | MG | 1 | 3731 | 1/1 | 0.98 | 0.09 | 47,47,47,47 | 1 |
| 88 | OHX | 5 | 3876 | 7/7 | 0.98 | 0.12 | 54,54,54,54 | 1 |
| 88 | OHX | 1 | 3871 | 7/7 | 0.98 | 0.10 | 50,50,50,50 | 4 |
| 88 | OHX | 5 | 3878 | 7/7 | 0.98 | 0.11 | 44,44,44,44 | 2 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 4 | 227 | 7/7 | 0.98 | 0.12 | 42,42,42,42 | 3 |
| 88 | OHX | 5 | 3880 | 7/7 | 0.98 | 0.12 | 45,45,45,45 | 2 |
| 88 | OHX | 5 | 3882 | 7/7 | 0.98 | 0.10 | 56,56,56,56 | 4 |
| 88 | OHX | 5 | 3884 | 7/7 | 0.98 | 0.16 | 53,53,53,53 | 3 |
| 88 | OHX | 5 | 3886 | 7/7 | 0.98 | 0.12 | 66,66,66,66 | 3 |
| 88 | OHX | 1 | 3872 | 7/7 | 0.98 | 0.08 | 47,47,47,47 | 2 |
| 88 | OHX | 5 | 3888 | 7/7 | 0.98 | 0.12 | 51,51,51,51 | 1 |
| 88 | OHX | 13 | 403 | 7/7 | 0.98 | 0.10 | 47,47,47,47 | 2 |
| 88 | OHX | 5 | 3889 | 7/7 | 0.98 | 0.09 | 47,47,47,47 | 3 |
| 88 | OHX | 5 | 3891 | 7/7 | 0.98 | 0.09 | 60,60,60,60 | 3 |
| 87 | MG | 1 | 3616 | 1/1 | 0.98 | 0.21 | 44,44,44,44 | 0 |
| 88 | OHX | 2 | 2015 | 7/7 | 0.98 | 0.09 | 81,81,81,81 | 1 |
| 88 | OHX | 5 | 3895 | 7/7 | 0.98 | 0.11 | 47,47,47,47 | 3 |
| 88 | OHX | 5 | 3896 | 7/7 | 0.98 | 0.07 | 106,106,106,106 | 1 |
| 88 | OHX | 2 | 2016 | 7/7 | 0.98 | 0.11 | 87,87,87,87 | 4 |
| 88 | OHX | 2 | 2017 | 7/7 | 0.98 | 0.06 | 118,118,118,118 | 5 |
| 88 | OHX | 1 | 3959 | 7/7 | 0.98 | 0.10 | 51,51,51,51 | 2 |
| 88 | OHX | 5 | 3900 | 7/7 | 0.98 | 0.10 | 39,39,39,39 | 3 |
| 88 | OHX | 6 | 2116 | 7/7 | 0.98 | 0.08 | 62,62,62,62 | 3 |
| 88 | OHX | 5 | 3902 | 7/7 | 0.98 | 0.11 | 39,39,39,39 | 3 |
| 88 | OHX | 5 | 3903 | 7/7 | 0.98 | 0.13 | 55,55,55,55 | 1 |
| 88 | OHX | 2 | 2018 | 7/7 | 0.98 | 0.07 | 83,83,83,83 | 3 |
| 87 | MG | 1 | 3580 | 1/1 | 0.98 | 0.41 | 27,27,27,27 | 0 |
| 88 | OHX | 1 | 3879 | 7/7 | 0.98 | 0.12 | 82,82,82,82 | 3 |
| 88 | OHX | 5 | 3908 | 7/7 | 0.98 | 0.08 | 58,58,58,58 | 2 |
| 87 | MG | 5 | 3445 | 1/1 | 0.98 | 0.37 | 38,38,38,38 | 0 |
| 88 | OHX | 1 | 3780 | 7/7 | 0.98 | 0.16 | 72,72,72,72 | 2 |
| 88 | OHX | 1 | 3781 | 7/7 | 0.98 | 0.11 | 92,92,92,92 | 4 |
| 88 | OHX | 1 | 3883 | 7/7 | 0.98 | 0.12 | 48,48,48,48 | 5 |
| 88 | OHX | 1 | 3787 | 7/7 | 0.98 | 0.14 | 70,70,70,70 | 3 |
| 88 | OHX | 5 | 3914 | 7/7 | 0.98 | 0.09 | 54,54,54,54 | 4 |
| 88 | OHX | 1 | 3885 | 7/7 | 0.98 | 0.07 | 51,51,51,51 | 3 |
| 88 | OHX | 2 | 2030 | 7/7 | 0.99 | 0.10 | 71,71,71,71 | 4 |
| 88 | OHX | 1 | 3983 | 7/7 | 0.99 | 0.10 | 52,52,52,52 | 4 |
| 88 | OHX | 2 | 2011 | 7/7 | 0.99 | 0.08 | 80,80,80,80 | 2 |
| 88 | OHX | 1 | 3804 | 7/7 | 0.99 | 0.11 | 74,74,74,74 | 3 |
| 88 | OHX | 5 | 3974 | 7/7 | 0.99 | 0.09 | 49,49,49,49 | 3 |
| 88 | OHX | 1 | 3805 | 7/7 | 0.99 | 0.11 | 60,60,60,60 | 3 |
| 88 | OHX | 2 | 2012 | 7/7 | 0.99 | 0.09 | 80,80,80,80 | 5 |
| 88 | OHX | 5 | 3855 | 7/7 | 0.99 | 0.09 | 59,59,59,59 | 4 |
| 88 | OHX | 2 | 1995 | 7/7 | 0.99 | 0.09 | 90,90,90,90 | 2 |
| 88 | OHX | 5 | 3857 | 7/7 | 0.99 | 0.09 | 52,52,52,52 | 3 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3569 | 1/1 | 0.99 | 0.34 | 35,35,35,35 | 0 |
| 88 | OHX | 5 | 3859 | 7/7 | 0.99 | 0.10 | 58,58,58,58 | 1 |
| 88 | OHX | 2 | 1997 | 7/7 | 0.99 | 0.08 | 89,89,89,89 | 2 |
| 88 | OHX | 2 | 1998 | 7/7 | 0.99 | 0.09 | 73,73,73,73 | 3 |
| 88 | OHX | 5 | 3862 | 7/7 | 0.99 | 0.07 | 47,47,47,47 | 4 |
| 88 | OHX | 5 | 3863 | 7/7 | 0.99 | 0.09 | 89,89,89,89 | 2 |
| 87 | MG | 5 | 3604 | 1/1 | 0.99 | 0.08 | 39,39,39,39 | 0 |
| 88 | OHX | 2 | 2000 | 7/7 | 0.99 | 0.08 | 102,102,102,102 | 3 |
| 88 | OHX | 5 | 3866 | 7/7 | 0.99 | 0.09 | 61,61,61,61 | 2 |
| 87 | MG | 5 | 3559 | 1/1 | 0.99 | 0.28 | 31,31,31,31 | 0 |
| 88 | OHX | 5 | 3868 | 7/7 | 0.99 | 0.07 | 77,77,77,77 | 4 |
| 88 | OHX | 1 | 3814 | 7/7 | 0.99 | 0.09 | 76,76,76,76 | 5 |
| 88 | OHX | 5 | 3870 | 7/7 | 0.99 | 0.11 | 48,48,48,48 | 3 |
| 87 | MG | 5 | 3714 | 1/1 | 0.99 | 0.07 | 39,39,39,39 | 1 |
| 88 | OHX | 4 | 220 | 7/7 | 0.99 | 0.10 | 60,60,60,60 | 3 |
| 88 | OHX | 2 | 2021 | 7/7 | 0.99 | 0.08 | 71,71,71,71 | 4 |
| 88 | OHX | 1 | 3817 | 7/7 | 0.99 | 0.07 | 50,50,50,50 | 4 |
| 88 | OHX | 2 | 2003 | 7/7 | 0.99 | 0.09 | 98,98,98,98 | 2 |
| 88 | OHX | 1 | 3819 | 7/7 | 0.99 | 0.10 | 68,68,68,68 | 3 |
| 88 | OHX | 1 | 3761 | 7/7 | 0.99 | 0.12 | 66,66,66,66 | 2 |
| 88 | OHX | 1 | 3762 | 7/7 | 0.99 | 0.08 | 59,59,59,59 | 2 |
| 88 | OHX | 1 | 3763 | 7/7 | 0.99 | 0.09 | 72,72,72,72 | 2 |
| 88 | OHX | 1 | 3823 | 7/7 | 0.99 | 0.10 | 57,57,57,57 | 2 |
| 88 | OHX | 5 | 3881 | 7/7 | 0.99 | 0.07 | 51,51,51,51 | 1 |
| 88 | OHX | 1 | 3765 | 7/7 | 0.99 | 0.08 | 59,59,59,59 | 2 |
| 88 | OHX | 5 | 3883 | 7/7 | 0.99 | 0.11 | 54,54,54,54 | 4 |
| 88 | OHX | 1 | 3767 | 7/7 | 0.99 | 0.09 | 68,68,68,68 | 3 |
| 88 | OHX | 5 | 3885 | 7/7 | 0.99 | 0.09 | 42,42,42,42 | 3 |
| 88 | OHX | 1 | 3826 | 7/7 | 0.99 | 0.09 | 52,52,52,52 | 2 |
| 88 | OHX | 1 | 3770 | 7/7 | 0.99 | 0.07 | 71,71,71,71 | 2 |
| 88 | OHX | 1 | 3828 | 7/7 | 0.99 | 0.10 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 3771 | 7/7 | 0.99 | 0.14 | 68,68,68,68 | 2 |
| 88 | OHX | 5 | 3890 | 7/7 | 0.99 | 0.11 | 56,56,56,56 | 3 |
| 88 | OHX | 1 | 3772 | 7/7 | 0.99 | 0.11 | 51,51,51,51 | 2 |
| 88 | OHX | 5 | 3892 | 7/7 | 0.99 | 0.08 | 45,45,45,45 | 3 |
| 88 | OHX | 1 | 3773 | 7/7 | 0.99 | 0.12 | 63,63,63,63 | 3 |
| 88 | OHX | 1 | 3774 | 7/7 | 0.99 | 0.09 | 63,63,63,63 | 4 |
| 88 | OHX | 1 | 3776 | 7/7 | 0.99 | 0.08 | 72,72,72,72 | 1 |
| 88 | OHX | 1 | 3777 | 7/7 | 0.99 | 0.10 | 74,74,74,74 | 3 |
| 88 | OHX | 1 | 3835 | 7/7 | 0.99 | 0.09 | 60,60,60,60 | 3 |
| 88 | OHX | 1 | 3778 | 7/7 | 0.99 | 0.10 | 69,69,69,69 | 2 |
| 88 | OHX | 1 | 3779 | 7/7 | 0.99 | 0.07 | 82,82,82,82 | 2 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 87 | MG | 1 | 3740 | 1/1 | 0.99 | 0.26 | 62,62,62,62 | 0 |
| 87 | MG | 1 | 3556 | 1/1 | 0.99 | 0.26 | 29,29,29,29 | 0 |
| 88 | OHX | N1 | 201 | 7/7 | 0.99 | 0.09 | 56,56,56,56 | 2 |
| 88 | OHX | 1 | 3782 | 7/7 | 0.99 | 0.10 | 67,67,67,67 | 3 |
| 88 | OHX | N9 | 102 | 7/7 | 0.99 | 0.08 | 63,63,63,63 | 1 |
| 88 | OHX | 1 | 3785 | 7/7 | 0.99 | 0.10 | 49,49,49,49 | 3 |
| 88 | OHX | 5 | 3906 | 7/7 | 0.99 | 0.13 | 40,40,40,40 | 2 |
| 88 | OHX | 1 | 3786 | 7/7 | 0.99 | 0.10 | 46,46,46,46 | 2 |
| 88 | OHX | 2 | 2006 | 7/7 | 0.99 | 0.08 | 72,72,72,72 | 4 |
| 88 | OHX | 1 | 3844 | 7/7 | 0.99 | 0.09 | 56,56,56,56 | 3 |
| 88 | OHX | 1 | 3788 | 7/7 | 0.99 | 0.12 | 67,67,67,67 | 3 |
| 88 | OHX | 6 | 2013 | 7/7 | 0.99 | 0.10 | 69,69,69,69 | 1 |
| 88 | OHX | 6 | 2014 | 7/7 | 0.99 | 0.09 | 85,85,85,85 | 2 |
| 88 | OHX | 6 | 2015 | 7/7 | 0.99 | 0.08 | 73,73,73,73 | 2 |
| 88 | OHX | 6 | 2016 | 7/7 | 0.99 | 0.09 | 83,83,83,83 | 4 |
| 88 | OHX | 6 | 2017 | 7/7 | 0.99 | 0.11 | 79,79,79,79 | 5 |
| 88 | OHX | 6 | 2018 | 7/7 | 0.99 | 0.09 | 64,64,64,64 | 3 |
| 88 | OHX | 7 | 217 | 7/7 | 0.99 | 0.09 | 61,61,61,61 | 5 |
| 88 | OHX | 5 | 3917 | 7/7 | 0.99 | 0.07 | 41,41,41,41 | 2 |
| 88 | OHX | 6 | 2019 | 7/7 | 0.99 | 0.09 | 87,87,87,87 | 2 |
| 88 | OHX | 7 | 220 | 7/7 | 0.99 | 0.07 | 43,43,43,43 | 3 |
| 88 | OHX | 7 | 221 | 7/7 | 0.99 | 0.11 | 67,67,67,67 | 2 |
| 88 | OHX | 6 | 2020 | 7/7 | 0.99 | 0.12 | 77,77,77,77 | 3 |
| 88 | OHX | 1 | 3789 | 7/7 | 0.99 | 0.08 | 70,70,70,70 | 3 |
| 88 | OHX | 6 | 2022 | 7/7 | 0.99 | 0.07 | 66,66,66,66 | 3 |
| 88 | OHX | 6 | 2023 | 7/7 | 0.99 | 0.07 | 73,73,73,73 | 2 |
| 88 | OHX | 6 | 2024 | 7/7 | 0.99 | 0.10 | 83,83,83,83 | 2 |
| 88 | OHX | 6 | 2025 | 7/7 | 0.99 | 0.09 | 98,98,98,98 | 2 |
| 88 | OHX | 6 | 2026 | 7/7 | 0.99 | 0.09 | 69,69,69,69 | 2 |
| 87 | MG | 5 | 3413 | 1/1 | 0.99 | 0.09 | 41,41,41,41 | 0 |
| 88 | OHX | 6 | 2028 | 7/7 | 0.99 | 0.10 | 67,67,67,67 | 2 |
| 88 | OHX | 1 | 3848 | 7/7 | 0.99 | 0.07 | 45,45,45,45 | 2 |
| 88 | OHX | 5 | 3794 | 7/7 | 0.99 | 0.09 | 50,50,50,50 | 3 |
| 88 | OHX | 6 | 2030 | 7/7 | 0.99 | 0.07 | 60,60,60,60 | 1 |
| 88 | OHX | 6 | 2031 | 7/7 | 0.99 | 0.10 | 81,81,81,81 | 3 |
| 88 | OHX | 5 | 3804 | 7/7 | 0.99 | 0.09 | 56,56,56,56 | 1 |
| 88 | OHX | 5 | 3805 | 7/7 | 0.99 | 0.11 | 63,63,63,63 | 2 |
| 88 | OHX | 5 | 3806 | 7/7 | 0.99 | 0.08 | 58,58,58,58 | 1 |
| 88 | OHX | 5 | 3935 | 7/7 | 0.99 | 0.11 | 45,45,45,45 | 3 |
| 88 | OHX | 5 | 3810 | 7/7 | 0.99 | 0.08 | 69,69,69,69 | 0 |
| 88 | OHX | 5 | 3811 | 7/7 | 0.99 | 0.10 | 59,59,59,59 | 1 |
| 88 | OHX | 5 | 3812 | 7/7 | 0.99 | 0.09 | 58,58,58,58 | 1 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 3813 | 7/7 | 0.99 | 0.07 | 63,63,63,63 | 1 |
| 88 | OHX | 5 | 3814 | 7/7 | 0.99 | 0.12 | 54,54,54,54 | 4 |
| 88 | OHX | 5 | 3815 | 7/7 | 0.99 | 0.07 | 56,56,56,56 | 3 |
| 88 | OHX | 5 | 3816 | 7/7 | 0.99 | 0.09 | 69,69,69,69 | 1 |
| 88 | OHX | 5 | 3818 | 7/7 | 0.99 | 0.09 | 63,63,63,63 | 3 |
| 88 | OHX | 5 | 3820 | 7/7 | 0.99 | 0.07 | 65,65,65,65 | 4 |
| 88 | OHX | 5 | 3821 | 7/7 | 0.99 | 0.12 | 69,69,69,69 | 1 |
| 88 | OHX | 5 | 3822 | 7/7 | 0.99 | 0.07 | 49,49,49,49 | 1 |
| 88 | OHX | 2 | 2008 | 7/7 | 0.99 | 0.09 | 89,89,89,89 | 3 |
| 88 | OHX | 5 | 3825 | 7/7 | 0.99 | 0.09 | 62,62,62,62 | 3 |
| 88 | OHX | 1 | 3850 | 7/7 | 0.99 | 0.10 | 57,57,57,57 | 3 |
| 88 | OHX | 6 | 2034 | 7/7 | 0.99 | 0.07 | 70,70,70,70 | 3 |
| 88 | OHX | 5 | 3829 | 7/7 | 0.99 | 0.10 | 56,56,56,56 | 2 |
| 88 | OHX | 5 | 3830 | 7/7 | 0.99 | 0.09 | 95,95,95,95 | 2 |
| 88 | OHX | 1 | 3793 | 7/7 | 0.99 | 0.09 | 62,62,62,62 | 1 |
| 88 | OHX | 5 | 3833 | 7/7 | 0.99 | 0.11 | 52,52,52,52 | 2 |
| 88 | OHX | 5 | 3834 | 7/7 | 0.99 | 0.07 | 52,52,52,52 | 5 |
| 88 | OHX | 5 | 3835 | 7/7 | 0.99 | 0.09 | 55,55,55,55 | 3 |
| 88 | OHX | 5 | 3836 | 7/7 | 0.99 | 0.07 | 78,78,78,78 | 3 |
| 88 | OHX | 1 | 3794 | 7/7 | 0.99 | 0.10 | 65,65,65,65 | 3 |
| 88 | OHX | 1 | 3795 | 7/7 | 0.99 | 0.10 | 51,51,51,51 | 3 |
| 88 | OHX | n9 | 103 | 7/7 | 0.99 | 0.08 | 59,59,59,59 | 3 |
| 88 | OHX | 2 | 2009 | 7/7 | 0.99 | 0.09 | 86,86,86,86 | 5 |
| 88 | OHX | o7 | 502 | 7/7 | 0.99 | 0.08 | 57,57,57,57 | 1 |
| 88 | OHX | 1 | 3797 | 7/7 | 0.99 | 0.07 | 55,55,55,55 | 2 |
| 88 | OHX | 1 | 3798 | 7/7 | 0.99 | 0.10 | 71,71,71,71 | 1 |
| 88 | OHX | 1 | 3857 | 7/7 | 0.99 | 0.12 | 38,38,38,38 | 3 |
| 89 | ZN | D6 | 500 | 1/1 | 0.99 | 0.03 | 89,89,89,89 | 0 |
| 88 | OHX | 5 | 3843 | 7/7 | 0.99 | 0.06 | 47,47,47,47 | 3 |
| 89 | ZN | D9 | 101 | 1/1 | 0.99 | 0.03 | 86,86,86,86 | 0 |
| 88 | OHX | 6 | 2042 | 7/7 | 0.99 | 0.09 | 66,66,66,66 | 2 |
| 88 | OHX | 1 | 3799 | 7/7 | 0.99 | 0.11 | 61,61,61,61 | 1 |
| 89 | ZN | d6 | 101 | 1/1 | 0.99 | 0.03 | 71,71,71,71 | 0 |
| 88 | OHX | 2 | 1994 | 7/7 | 0.99 | 0.11 | 85,85,85,85 | 0 |
| 89 | ZN | d9 | 101 | 1/1 | 0.99 | 0.03 | 89,89,89,89 | 0 |
| 88 | OHX | 1 | 3860 | 7/7 | 0.99 | 0.11 | 40,40,40,40 | 2 |
| 88 | OHX | 1 | 3801 | 7/7 | 0.99 | 0.08 | 55,55,55,55 | 2 |
| 89 | ZN | q3 | 501 | 1/1 | 0.99 | 0.03 | 63,63,63,63 | 0 |
| 88 | OHX | 5 | 3803 | 7/7 | 1.00 | 0.06 | 60,60,60,60 | 2 |
| 88 | OHX | 1 | 3766 | 7/7 | 1.00 | 0.07 | 55,55,55,55 | 1 |
| 88 | OHX | 1 | 3759 | 7/7 | 1.00 | 0.08 | 55,55,55,55 | 2 |
| 88 | OHX | 1 | 3792 | 7/7 | 1.00 | 0.06 | 54,54,54,54 | 2 |

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| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 88 | OHX | 5 | 3807 | 7/7 | 1.00 | 0.07 | 49,49,49,49 | 2 |
| 88 | OHX | 5 | 3808 | 7/7 | 1.00 | 0.08 | 71,71,71,71 | 2 |
| 88 | OHX | 5 | 3809 | 7/7 | 1.00 | 0.07 | 54,54,54,54 | 2 |
| 88 | OHX | 1 | 3768 | 7/7 | 1.00 | 0.06 | 63,63,63,63 | 5 |
| 88 | OHX | 1 | 3769 | 7/7 | 1.00 | 0.07 | 64,64,64,64 | 4 |
| 88 | OHX | 8 | 213 | 7/7 | 1.00 | 0.09 | 58,58,58,58 | 2 |
| 88 | OHX | 1 | 3760 | 7/7 | 1.00 | 0.08 | 64,64,64,64 | 3 |
| 87 | MG | f | 1001 | 1/1 | 1.00 | 0.27 | 42,42,42,42 | 0 |
| 88 | OHX | 1 | 3783 | 7/7 | 1.00 | 0.05 | 57,57,57,57 | 2 |
| 88 | OHX | 4 | 221 | 7/7 | 1.00 | 0.08 | 64,64,64,64 | 3 |
| 88 | OHX | 1 | 3784 | 7/7 | 1.00 | 0.07 | 74,74,74,74 | 2 |
| 88 | OHX | 5 | 3817 | 7/7 | 1.00 | 0.06 | 66,66,66,66 | 1 |
| 87 | MG | f | 1002 | 1/1 | 1.00 | 0.10 | 58,58,58,58 | 0 |
| 88 | OHX | 5 | 3819 | 7/7 | 1.00 | 0.06 | 65,65,65,65 | 2 |
| 88 | OHX | 1 | 3757 | 7/7 | 1.00 | 0.06 | 56,56,56,56 | 1 |
| 88 | OHX | 1 | 3764 | 7/7 | 1.00 | 0.07 | 54,54,54,54 | 3 |
| 88 | OHX | 1 | 3775 | 7/7 | 1.00 | 0.08 | 49,49,49,49 | 3 |
| 88 | OHX | 5 | 3823 | 7/7 | 1.00 | 0.07 | 43,43,43,43 | 1 |
| 88 | OHX | 1 | 3758 | 7/7 | 1.00 | 0.08 | 61,61,61,61 | 1 |
| 88 | OHX | 5 | 3797 | 7/7 | 1.00 | 0.09 | 55,55,55,55 | 3 |
| 89 | ZN | O7 | 101 | 1/1 | 1.00 | 0.02 | 49,49,49,49 | 0 |
| 89 | ZN | Q0 | 201 | 1/1 | 1.00 | 0.02 | 49,49,49,49 | 0 |
| 88 | OHX | 5 | 3798 | 7/7 | 1.00 | 0.08 | 58,58,58,58 | 2 |
| 89 | ZN | Q3 | 501 | 1/1 | 1.00 | 0.02 | 74,74,74,74 | 0 |
| 88 | OHX | 5 | 3799 | 7/7 | 1.00 | 0.08 | 54,54,54,54 | 2 |
| 88 | OHX | 5 | 3828 | 7/7 | 1.00 | 0.06 | 49,49,49,49 | 2 |
| 88 | OHX | 5 | 3800 | 7/7 | 1.00 | 0.09 | 57,57,57,57 | 4 |
| 88 | OHX | 5 | 3801 | 7/7 | 1.00 | 0.08 | 63,63,63,63 | 2 |
| 89 | ZN | o7 | 501 | 1/1 | 1.00 | 0.01 | 48,48,48,48 | 0 |
| 89 | ZN | q0 | 201 | 1/1 | 1.00 | 0.02 | 45,45,45,45 | 0 |
| 88 | OHX | 5 | 3802 | 7/7 | 1.00 | 0.08 | 62,62,62,62 | 3 |
| 88 | OHX | 5 | 3832 | 7/7 | 1.00 | 0.07 | 55,55,55,55 | 2 |

5.5 Other polymers ⓘ

There are no such residues in this entry.