



wwPDB X-ray Structure Validation Summary Report ⓘ

Mar 6, 2026 – 07:44 PM UTC

PDB ID : 5LYB / pdb_00005lyb
Title : Crystal structure of the S.cerevisiae 80S ribosome in complex with the A-site bound aminoacyl-tRNA analog ACCPmn
Authors : Melnikov, S.; Mailliot, J.
Deposited on : 2016-09-26
Resolution : 3.25 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 | : | 4-5-2 with Phenix2.0 |
| Mogul | : | 2022.3.0, CSD as543be (2022) |
| Xtriage (Phenix) | : | 2.0 |
| EDS | : | 3.0 |
| Buster-report | : | wwPDB partial adaption of 1.1.7 (2018) |
| Percentile statistics | : | 20250101.v01 (using entries in the PDB archive January 1st 2025) |
| CCP4 | : | 9.0.010 (Gargrove) |
| Density-Fitness | : | 1.0.12 |
| Ideal geometry (proteins) | : | Engh & Huber (2001) |
| Ideal geometry (DNA, RNA) | : | Parkinson et al. (1996) |
| Validation Pipeline (wwPDB-VP) | : | 2.49 |

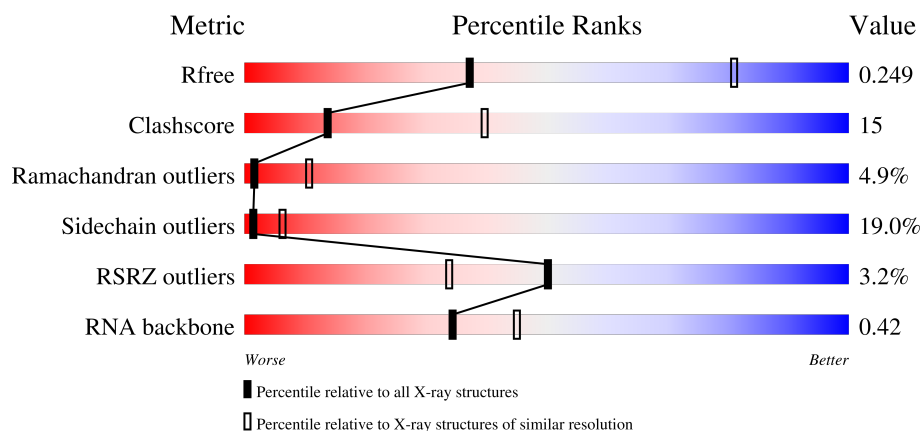
1 Overall quality at a glance

The following experimental techniques were used to determine the structure:

X-RAY DIFFRACTION

The reported resolution of this entry is 3.25 Å.

Percentile scores (ranging between 0-100) for global validation metrics of the entry are shown in the following graphic. The table shows the number of entries on which the scores are based.



| Metric | Whole archive (#Entries) | Similar resolution (#Entries, resolution range(Å)) |
|-----------------------|-----------------------------|---|
| R_{free} | 180053 | 1605 (3.30-3.22) |
| Clashscore | 190562 | 1660 (3.30-3.22) |
| Ramachandran outliers | 187476 | 1630 (3.30-3.22) |
| Sidechain outliers | 187428 | 1629 (3.30-3.22) |
| RSRZ outliers | 180081 | 1605 (3.30-3.22) |
| RNA backbone | 3983 | 1006 (3.54-2.98) |

The table below summarises the geometric issues observed across the polymeric chains and their fit to the electron density. The red, orange, yellow and green segments of the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria respectively. A grey segment represents the fraction of residues that are not modelled. The numeric value for each fraction is indicated below the corresponding segment, with a dot representing fractions $\leq 5\%$. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density. The numeric value is given above the bar.

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 1 | 2 | 1800 | <div> <div>2%</div> <div> <div></div> <div>40%</div> <div>43%</div> <div>15%</div> <div></div> </div> </div> |
| 1 | 6 | 1800 | <div> <div></div> <div> <div></div> <div>43%</div> <div>41%</div> <div>15%</div> </div> </div> |
| 2 | S0 | 206 | <div> <div>7%</div> <div> <div></div> <div>42%</div> <div>45%</div> <div>12%</div> <div></div> </div> </div> |
| 2 | s0 | 206 | <div> <div>4%</div> <div> <div></div> <div>45%</div> <div>44%</div> <div>10%</div> <div></div> </div> </div> |

Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 3 | S1 | 216 | |
| 3 | s1 | 216 | |
| 4 | S2 | 217 | |
| 4 | s2 | 217 | |
| 5 | S3 | 223 | |
| 5 | s3 | 223 | |
| 6 | S4 | 260 | |
| 6 | s4 | 260 | |
| 7 | S5 | 206 | |
| 7 | s5 | 206 | |
| 8 | S6 | 226 | |
| 8 | s6 | 226 | |
| 9 | S7 | 186 | |
| 9 | s7 | 186 | |
| 10 | S8 | 199 | |
| 10 | s8 | 199 | |
| 11 | S9 | 185 | |
| 11 | s9 | 185 | |
| 12 | C0 | 96 | |
| 13 | C1 | 155 | |
| 13 | c1 | 155 | |
| 14 | C2 | 124 | |
| 15 | C3 | 150 | |
| 15 | c3 | 150 | |
| 16 | C4 | 128 | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 16 | c4 | 128 | |
| 17 | C5 | 131 | |
| 18 | C6 | 142 | |
| 18 | c6 | 142 | |
| 19 | C7 | 125 | |
| 19 | c7 | 125 | |
| 20 | C8 | 145 | |
| 20 | c8 | 145 | |
| 21 | C9 | 143 | |
| 21 | c9 | 143 | |
| 22 | D0 | 110 | |
| 22 | d0 | 110 | |
| 23 | D1 | 87 | |
| 23 | d1 | 87 | |
| 24 | D2 | 129 | |
| 24 | d2 | 129 | |
| 25 | D3 | 144 | |
| 25 | d3 | 144 | |
| 26 | D4 | 134 | |
| 26 | d4 | 134 | |
| 27 | D5 | 70 | |
| 27 | d5 | 70 | |
| 28 | D6 | 97 | |
| 28 | d6 | 97 | |
| 29 | D7 | 81 | |

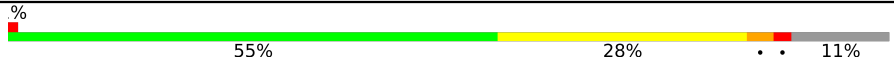
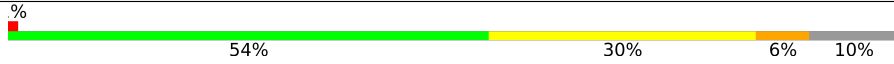


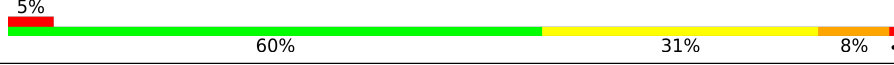


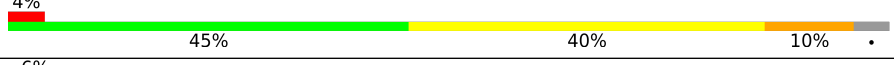
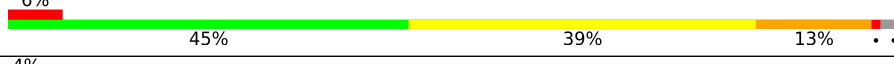
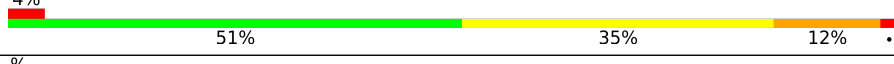



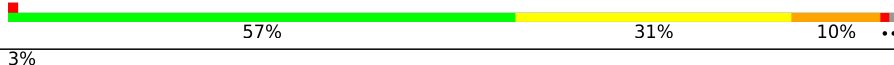










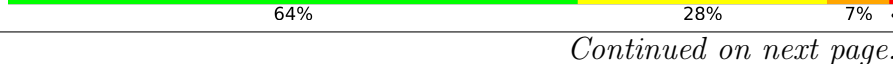
Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 29 | d7 | 81 | <div> <div>9%</div> <div>54%</div> <div>37%</div> <div>9%</div> </div> |
| 30 | D8 | 63 | <div> <div>8%</div> <div>44%</div> <div>43%</div> <div>13%</div> </div> |
| 30 | d8 | 63 | <div> <div>10%</div> <div>44%</div> <div>44%</div> <div>11%</div> </div> |
| 31 | D9 | 53 | <div> <div>2%</div> <div>60%</div> <div>30%</div> <div>9%</div> </div> |
| 31 | d9 | 53 | <div> <div>66%</div> <div>32%</div> <div>.</div> </div> |
| 32 | E0 | 62 | <div> <div>11%</div> <div>60%</div> <div>31%</div> <div>.</div> <div>.</div> <div>.</div> </div> |
| 32 | e0 | 62 | <div> <div>6%</div> <div>52%</div> <div>31%</div> <div>16%</div> <div>.</div> </div> |
| 33 | E1 | 76 | <div> <div>12%</div> <div>37%</div> <div>43%</div> <div>13%</div> <div>7%</div> </div> |
| 33 | e1 | 76 | <div> <div>14%</div> <div>37%</div> <div>41%</div> <div>16%</div> <div>7%</div> </div> |
| 34 | SR | 318 | <div> <div>2%</div> <div>59%</div> <div>36%</div> <div>5%</div> </div> |
| 35 | SM | 159 | <div> <div>15%</div> <div>66%</div> <div>25%</div> <div>7%</div> <div>.</div> </div> |
| 36 | 1 | 3394 | <div> <div>%</div> <div>45%</div> <div>37%</div> <div>11%</div> <div>7%</div> </div> |
| 36 | 5 | 3394 | <div> <div>%</div> <div>43%</div> <div>38%</div> <div>11%</div> <div>7%</div> </div> |
| 37 | 3 | 121 | <div> <div>42%</div> <div>50%</div> <div>7%</div> </div> |
| 37 | 7 | 121 | <div> <div>%</div> <div>53%</div> <div>41%</div> <div>6%</div> </div> |
| 38 | 4 | 158 | <div> <div>%</div> <div>44%</div> <div>46%</div> <div>10%</div> </div> |
| 38 | 8 | 158 | <div> <div>%</div> <div>41%</div> <div>46%</div> <div>13%</div> </div> |
| 39 | L2 | 252 | <div> <div>4%</div> <div>62%</div> <div>31%</div> <div>7%</div> </div> |
| 39 | l2 | 252 | <div> <div>5%</div> <div>53%</div> <div>39%</div> <div>7%</div> </div> |
| 40 | L3 | 386 | <div> <div>%</div> <div>47%</div> <div>44%</div> <div>9%</div> <div>.</div> </div> |
| 40 | l3 | 386 | <div> <div>2%</div> <div>50%</div> <div>40%</div> <div>10%</div> </div> |
| 41 | L4 | 361 | <div> <div>5%</div> <div>48%</div> <div>39%</div> <div>13%</div> </div> |
| 41 | l4 | 361 | <div> <div>6%</div> <div>54%</div> <div>37%</div> <div>9%</div> <div>.</div> </div> |
| 42 | L5 | 296 | <div> <div>3%</div> <div>51%</div> <div>39%</div> <div>10%</div> </div> |
| 42 | l5 | 296 | <div> <div>%</div> <div>50%</div> <div>40%</div> <div>9%</div> <div>..</div> </div> |

Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 43 | L6 | 175 |  |
| 43 | l6 | 175 |  |
| 44 | L7 | 223 |  |
| 44 | l7 | 223 |  |
| 45 | L8 | 233 |  |
| 46 | L9 | 191 |  |
| 46 | l9 | 191 |  |
| 47 | M0 | 220 |  |
| 47 | m0 | 220 |  |
| 48 | M1 | 169 |  |
| 48 | m1 | 169 |  |
| 49 | M3 | 194 |  |
| 49 | m3 | 194 |  |
| 50 | M4 | 137 |  |
| 50 | m4 | 137 |  |
| 51 | M5 | 203 |  |
| 51 | m5 | 203 |  |
| 52 | M6 | 197 |  |
| 52 | m6 | 197 |  |
| 53 | M7 | 183 |  |
| 53 | m7 | 183 |  |
| 54 | M8 | 185 |  |
| 54 | m8 | 185 |  |
| 55 | M9 | 188 |  |
| 55 | m9 | 188 |  |






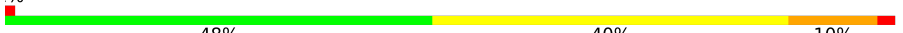












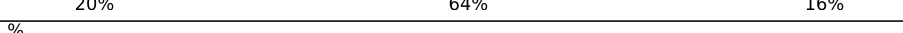






Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 56 | N0 | 172 | |
| 56 | n0 | 172 | |
| 57 | N1 | 159 | |
| 57 | n1 | 159 | |
| 58 | N2 | 100 | |
| 58 | n2 | 100 | |
| 59 | N3 | 136 | |
| 59 | n3 | 136 | |
| 60 | N4 | 98 | |
| 61 | N5 | 121 | |
| 61 | n5 | 121 | |
| 62 | N6 | 126 | |
| 62 | n6 | 126 | |
| 63 | N7 | 135 | |
| 63 | n7 | 135 | |
| 64 | N8 | 148 | |
| 64 | n8 | 148 | |
| 65 | N9 | 58 | |
| 65 | n9 | 58 | |
| 66 | O0 | 100 | |
| 66 | o0 | 100 | |
| 67 | O1 | 109 | |
| 67 | o1 | 109 | |
| 68 | O2 | 127 | |
| 68 | o2 | 127 | |

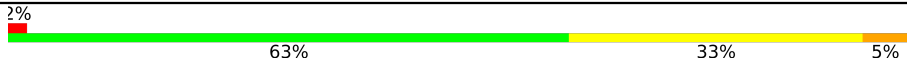

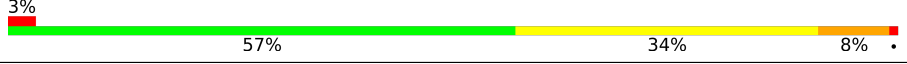


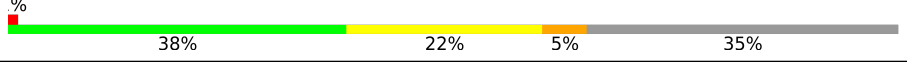

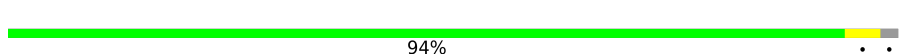


Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 69 | O3 | 106 |  |
| 69 | o3 | 106 |  |
| 70 | O4 | 112 |  |
| 70 | o4 | 112 |  |
| 71 | O5 | 119 |  |
| 71 | o5 | 119 |  |
| 72 | O6 | 99 |  |
| 72 | o6 | 99 |  |
| 73 | O7 | 87 |  |
| 73 | o7 | 87 |  |
| 74 | O8 | 77 |  |
| 74 | o8 | 77 |  |
| 75 | O9 | 50 |  |
| 75 | o9 | 50 |  |
| 76 | Q0 | 52 |  |
| 76 | q0 | 52 |  |
| 77 | Q1 | 25 |  |
| 77 | q1 | 25 |  |
| 78 | Q2 | 105 |  |
| 78 | q2 | 105 |  |
| 79 | Q3 | 91 |  |
| 79 | q3 | 91 |  |
| 80 | c0 | 96 |  |
| 81 | c2 | 124 |  |
| 82 | c5 | 142 |  |

Continued on next page...

Continued from previous page...

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 83 | sR | 318 |  |
| 84 | sM | 104 |  |
| 85 | l8 | 231 |  |
| 86 | m2 | 150 |  |
| 87 | n4 | 135 |  |
| 88 | p0 | 219 |  |
| 89 | p1 | 47 |  |
| 89 | p2 | 47 |  |
| 90 | A | 3 |  |
| 90 | a | 3 |  |

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 |
|-----|------|-------|------|-----------|----------|---------|------------------|
| 91 | MG | 1 | 3483 | - | - | - | X |
| 91 | MG | 1 | 3601 | - | - | - | X |
| 91 | MG | 1 | 3603 | - | - | - | X |
| 91 | MG | 1 | 3621 | - | - | - | X |
| 91 | MG | 1 | 3666 | - | - | - | X |
| 91 | MG | 1 | 3681 | - | - | - | X |
| 91 | MG | 1 | 3688 | - | - | - | X |
| 91 | MG | 1 | 3822 | - | - | - | X |
| 91 | MG | 1 | 4014 | - | - | - | X |
| 91 | MG | 1 | 4021 | - | - | - | X |
| 91 | MG | 1 | 4082 | - | - | - | X |
| 91 | MG | 2 | 1929 | - | - | - | X |
| 91 | MG | 2 | 1955 | - | - | - | X |
| 91 | MG | 2 | 1972 | - | - | - | X |
| 91 | MG | 3 | 208 | - | - | - | X |
| 91 | MG | 5 | 3491 | - | - | - | X |
| 91 | MG | 5 | 3550 | - | - | - | X |
| 91 | MG | 5 | 3652 | - | - | - | X |
| 91 | MG | 5 | 3767 | - | - | - | X |
| 91 | MG | 5 | 3909 | - | - | - | X |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Chirality | Geometry | Clashes | Electron density |
|-----|------|-------|------|-----------|----------|---------|------------------|
| 91 | MG | 5 | 3970 | - | - | - | X |
| 91 | MG | 5 | 4009 | - | - | - | X |
| 91 | MG | 5 | 4031 | - | - | - | X |
| 91 | MG | 5 | 4093 | - | - | - | X |
| 91 | MG | 6 | 1926 | - | - | - | X |
| 91 | MG | 6 | 1945 | - | - | - | X |
| 91 | MG | 6 | 2000 | - | - | - | X |
| 91 | MG | 6 | 2111 | - | - | - | X |
| 91 | MG | E1 | 502 | - | - | - | X |
| 91 | MG | M7 | 203 | - | - | - | X |
| 91 | MG | c8 | 202 | - | - | - | X |
| 91 | MG | l3 | 404 | - | - | - | X |
| 91 | MG | o4 | 202 | - | - | - | X |
| 92 | OHX | 1 | 4124 | - | - | X | - |
| 92 | OHX | 1 | 4192 | - | - | X | - |
| 92 | OHX | 1 | 4290 | - | - | X | - |
| 92 | OHX | 1 | 4297 | - | - | - | X |
| 92 | OHX | 1 | 4307 | - | - | - | X |
| 92 | OHX | 1 | 4337 | - | - | - | X |
| 92 | OHX | 1 | 4361 | - | - | - | X |
| 92 | OHX | 1 | 4376 | - | - | X | - |
| 92 | OHX | 1 | 4385 | - | - | X | X |
| 92 | OHX | 1 | 4394 | - | - | - | X |
| 92 | OHX | 1 | 4396 | - | - | - | X |
| 92 | OHX | 1 | 4413 | - | - | - | X |
| 92 | OHX | 1 | 4415 | - | - | X | - |
| 92 | OHX | 1 | 4418 | - | - | - | X |
| 92 | OHX | 1 | 4423 | - | - | - | X |
| 92 | OHX | 1 | 4427 | - | - | - | X |
| 92 | OHX | 1 | 4429 | - | - | - | X |
| 92 | OHX | 1 | 4436 | - | - | X | - |
| 92 | OHX | 1 | 4445 | - | - | - | X |
| 92 | OHX | 1 | 4446 | - | - | X | - |
| 92 | OHX | 1 | 4447 | - | - | X | - |
| 92 | OHX | 1 | 4449 | - | - | - | X |
| 92 | OHX | 1 | 4453 | - | - | - | X |
| 92 | OHX | 1 | 4455 | - | - | - | X |
| 92 | OHX | 1 | 4456 | - | - | - | X |
| 92 | OHX | 1 | 4460 | - | - | - | X |
| 92 | OHX | 1 | 4465 | - | - | - | X |
| 92 | OHX | 1 | 4483 | - | - | - | X |
| 92 | OHX | 1 | 4487 | - | - | X | - |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Chirality | Geometry | Clashes | Electron density |
|-----|------|-------|------|-----------|----------|---------|------------------|
| 92 | OHX | 1 | 4500 | - | - | X | - |
| 92 | OHX | 1 | 4501 | - | - | X | - |
| 92 | OHX | 1 | 4504 | - | - | - | X |
| 92 | OHX | 2 | 2074 | - | - | X | - |
| 92 | OHX | 2 | 2077 | - | - | X | - |
| 92 | OHX | 2 | 2203 | - | - | X | - |
| 92 | OHX | 2 | 2227 | - | - | - | X |
| 92 | OHX | 2 | 2243 | - | - | X | - |
| 92 | OHX | 2 | 2247 | - | - | - | X |
| 92 | OHX | 5 | 4260 | - | - | X | - |
| 92 | OHX | 5 | 4324 | - | - | - | X |
| 92 | OHX | 5 | 4385 | - | - | - | X |
| 92 | OHX | 5 | 4391 | - | - | - | X |
| 92 | OHX | 5 | 4407 | - | - | - | X |
| 92 | OHX | 5 | 4409 | - | - | X | - |
| 92 | OHX | 5 | 4414 | - | - | - | X |
| 92 | OHX | 5 | 4425 | - | - | - | X |
| 92 | OHX | 5 | 4433 | - | - | - | X |
| 92 | OHX | 5 | 4437 | - | - | - | X |
| 92 | OHX | 5 | 4441 | - | - | - | X |
| 92 | OHX | 5 | 4461 | - | - | - | X |
| 92 | OHX | 5 | 4462 | - | - | - | X |
| 92 | OHX | 5 | 4473 | - | - | - | X |
| 92 | OHX | 5 | 4479 | - | - | - | X |
| 92 | OHX | 5 | 4488 | - | - | - | X |
| 92 | OHX | 5 | 4490 | - | - | - | X |
| 92 | OHX | 5 | 4495 | - | - | - | X |
| 92 | OHX | 5 | 4498 | - | - | - | X |
| 92 | OHX | 5 | 4499 | - | - | - | X |
| 92 | OHX | 5 | 4505 | - | - | - | X |
| 92 | OHX | 5 | 4513 | - | - | - | X |
| 92 | OHX | 5 | 4520 | - | - | - | X |
| 92 | OHX | 5 | 4528 | - | - | - | X |
| 92 | OHX | 5 | 4533 | - | - | - | X |
| 92 | OHX | 5 | 4536 | - | - | - | X |
| 92 | OHX | 5 | 4537 | - | - | - | X |
| 92 | OHX | 5 | 4541 | - | - | - | X |
| 92 | OHX | 5 | 4543 | - | - | - | X |
| 92 | OHX | 5 | 4544 | - | - | - | X |
| 92 | OHX | 5 | 4548 | - | - | - | X |
| 92 | OHX | 5 | 4561 | - | - | - | X |
| 92 | OHX | 5 | 4562 | - | - | - | X |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Chirality | Geometry | Clashes | Electron density |
|-----|------|-------|------|-----------|----------|---------|------------------|
| 92 | OHX | 5 | 4565 | - | - | - | X |
| 92 | OHX | 6 | 2162 | - | - | X | - |
| 92 | OHX | 6 | 2301 | - | - | - | X |
| 92 | OHX | 6 | 2307 | - | - | - | X |
| 92 | OHX | 6 | 2323 | - | - | - | X |
| 92 | OHX | 6 | 2339 | - | - | X | - |
| 92 | OHX | 7 | 239 | - | - | - | X |
| 92 | OHX | 8 | 237 | - | - | - | X |
| 92 | OHX | A | 102 | - | - | - | X |
| 92 | OHX | C5 | 202 | - | - | X | - |
| 92 | OHX | M0 | 306 | - | - | - | X |
| 92 | OHX | M0 | 307 | - | - | X | X |
| 92 | OHX | M0 | 308 | - | - | X | - |
| 92 | OHX | O7 | 107 | - | - | X | - |
| 92 | OHX | Q2 | 505 | - | - | X | - |
| 92 | OHX | c5 | 202 | - | - | X | - |
| 92 | OHX | m0 | 303 | - | - | - | X |
| 92 | OHX | o9 | 102 | - | - | - | X |

2 Entry composition

There are 93 unique types of molecules in this entry. The entry contains 414290 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 rRNA.

| 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 | 0 | 0 | 0 |
| | | | 1481 | 951 | 265 | 265 | | | |
| 9 | s7 | 186 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1491 | 957 | 267 | 267 | | | |

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

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

Continued on next page...

Continued from previous page...

| 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,40S ribosomal protein S10-A,40S Ribosomal Protein S10-A.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 12 | C0 | 96 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 773 | 500 | 126 | 145 | 2 | | | |

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

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

- 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 | | | |

- 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.

| 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 | | | |

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|--|---------|---------|-------|
| 18 | C6 | 141 | Total | C | N | O | | 0 | 0 | 0 |
| | | | 1105 | 708 | 203 | 194 | | | | |
| 18 | c6 | 142 | Total | C | N | O | | 0 | 0 | 0 |
| | | | 1111 | 711 | 204 | 196 | | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|----|---|---------|---------|-------|
| 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 | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| SR | 161 | ALA | LYS | conflict | UNP P38011 |

- Molecule 35 is a protein called Suppressor protein STM1,Suppressor protein STM1,Suppressor protein STM1.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|--|---------|---------|-------|
| 35 | SM | 159 | Total | C | N | O | | 0 | 0 | 0 |
| | | | 1104 | 654 | 221 | 229 | | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| SM | 134 | LEU | ASP | conflict | UNP P39015 |

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

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

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

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

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

| 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 | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Continued on next page...

Continued from previous page...

| 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 | C | N | O | S | 0 | 0 | 0 |
| | | | 1003 | 628 | 189 | 179 | 7 | | | |
| 59 | n3 | 136 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1003 | 628 | 189 | 179 | 7 | | | |

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 60 | N4 | 98 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 699 | 443 | 137 | 118 | 1 | | | |

- 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 | | | |

Continued on next page...

Continued from previous page...

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 72 | O6 | 99 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 771 | 481 | 156 | 132 | 2 | | | |
| 72 | o6 | 99 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 770 | 481 | 156 | 131 | 2 | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 80 | c0 | 96 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 762 | 491 | 125 | 144 | 2 | | | |

- Molecule 81 is a protein called 40S Ribosomal Protein S12.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 81 | c2 | 124 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 892 | 562 | 156 | 172 | 2 | | | |

- Molecule 82 is a protein called 40S ribosomal protein S15.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 82 | c5 | 135 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1039 | 658 | 196 | 178 | 7 | | | |

- Molecule 83 is a protein called Guanine nucleotide-binding protein subunit beta-like protein.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---|---------|---------|-------|
| 83 | sR | 318 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 2442 | 1544 | 418 | 472 | 8 | | | |

- Molecule 84 is a protein called Suppressor protein STM1,Suppressor protein STM1,Ribosome-bound protein Stm1.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 84 | sM | 104 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 681 | 404 | 140 | 137 | | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| sM | 59 | ALA | GLY | conflict | UNP P39015 |

- Molecule 85 is a protein called 60S ribosomal protein L8-A,60S ribosomal protein L8-A,60S Ribosomal Protein L8.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---|---------|---------|-------|
| 85 | l8 | 231 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1763 | 1130 | 316 | 314 | 3 | | | |

- Molecule 86 is a protein called 60S Ribosomal Protein L12.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 86 | m2 | 150 | Total | C | N | O | 0 | 0 | 0 |
| | | | 750 | 450 | 150 | 150 | | | |

- Molecule 87 is a protein called 60S ribosomal protein L24-A.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 87 | n4 | 135 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1038 | 651 | 206 | 180 | 1 | | | |

- Molecule 88 is a protein called 60S acidic ribosomal protein P0,60S acidic ribosomal protein P0,60S Ribosomal Protein P0.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---|---------|---------|-------|
| 88 | p0 | 143 | Total | C | N | O | S | 0 | 0 | 0 |
| | | | 1077 | 687 | 192 | 195 | 3 | | | |

- Molecule 89 is a protein called 60S Ribosomal Protein P1/2.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 89 | p1 | 47 | Total | C | N | O | 0 | 0 | 0 |
| | | | 235 | 141 | 47 | 47 | | | |
| 89 | p2 | 46 | Total | C | N | O | 0 | 0 | 0 |
| | | | 230 | 138 | 46 | 46 | | | |

- Molecule 90 is a RNA chain called aminoacyl-tRNA fragment ACCPmn.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---|---------|---------|-------|
| 90 | A | 3 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 77 | 40 | 13 | 21 | 3 | | | |
| 90 | a | 3 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 77 | 40 | 13 | 21 | 3 | | | |

- Molecule 91 is MAGNESIUM ION (CCD ID: MG) (formula: Mg).

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|-------|-----|---------|---------|
| 91 | 2 | 169 | Total | Mg | 0 | 0 |
| | | | 169 | 169 | | |
| 91 | S1 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |
| 91 | S2 | 2 | Total | Mg | 0 | 0 |
| | | | 2 | 2 | | |
| 91 | S4 | 1 | Total | Mg | 0 | 0 |
| | | | 1 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|--------------|-----------|---------|---------|
| 91 | S6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | S8 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | C1 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | C5 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | C8 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | D0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | D3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | D6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | D9 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | E1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | 1 | 700 | Total 700 | Mg 700 | 1 | 0 |
| 91 | 3 | 18 | Total 18 | Mg 18 | 0 | 0 |
| 91 | 4 | 32 | Total 32 | Mg 32 | 0 | 0 |
| 91 | L2 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | L3 | 6 | Total 6 | Mg 6 | 0 | 0 |
| 91 | L4 | 7 | Total 7 | Mg 7 | 0 | 0 |
| 91 | L6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | L7 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | L8 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | M0 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | M1 | 1 | Total 1 | Mg 1 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 91 | M3 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | M4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | M5 | 8 | Total 8 | Mg 8 | 0 | 0 |
| 91 | M6 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | M7 | 8 | Total 8 | Mg 8 | 0 | 0 |
| 91 | M8 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | M9 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | N0 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | N1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | N3 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | N6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | N8 | 7 | Total 7 | Mg 7 | 0 | 0 |
| 91 | N9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | O1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | O2 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | O3 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | O4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | O7 | 5 | Total 5 | Mg 5 | 0 | 0 |
| 91 | O9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | Q0 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | Q2 | 3 | Total 3 | Mg 3 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|--------------|-----------|---------|---------|
| 91 | 6 | 242 | Total 242 | Mg 242 | 0 | 0 |
| 91 | s1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | s4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | s8 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | c6 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | c8 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | c9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | d2 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | d3 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | d5 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | d6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | d9 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | sM | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | 5 | 758 | Total 758 | Mg 758 | 0 | 0 |
| 91 | 7 | 27 | Total 27 | Mg 27 | 0 | 0 |
| 91 | 8 | 21 | Total 21 | Mg 21 | 0 | 0 |
| 91 | l2 | 5 | Total 5 | Mg 5 | 0 | 0 |
| 91 | l3 | 11 | Total 11 | Mg 11 | 0 | 0 |
| 91 | l4 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | l5 | 7 | Total 7 | Mg 7 | 0 | 0 |
| 91 | l7 | 4 | Total 4 | Mg 4 | 0 | 0 |

Continued on next page...

Continued from previous page...

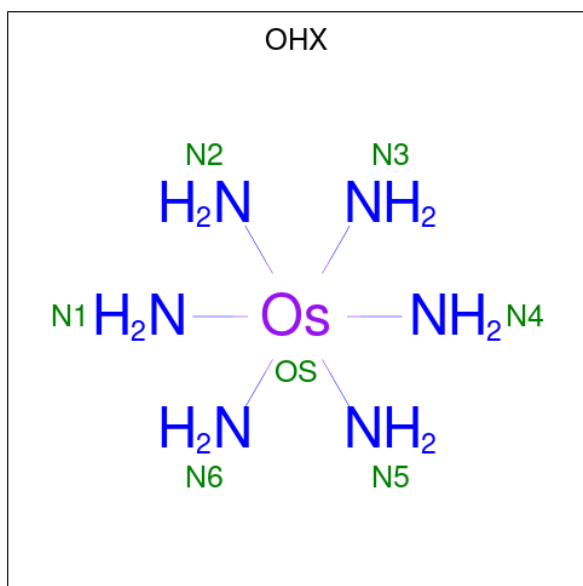
| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 91 | l8 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | l9 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | m0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | m1 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | m3 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | m4 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | m5 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | m6 | 6 | Total 6 | Mg 6 | 0 | 0 |
| 91 | m7 | 7 | Total 7 | Mg 7 | 0 | 0 |
| 91 | m8 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | m9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | n0 | 5 | Total 5 | Mg 5 | 0 | 0 |
| 91 | n1 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | n3 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | n6 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | n8 | 4 | Total 4 | Mg 4 | 0 | 0 |
| 91 | n9 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | o2 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | o3 | 5 | Total 5 | Mg 5 | 0 | 0 |
| 91 | o4 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | o6 | 1 | Total 1 | Mg 1 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 91 | o7 | 3 | Total 3 | Mg 3 | 0 | 0 |
| 91 | o9 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | q0 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | q1 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | q2 | 1 | Total 1 | Mg 1 | 0 | 0 |
| 91 | q3 | 2 | Total 2 | Mg 2 | 0 | 0 |
| 91 | p0 | 1 | Total 1 | Mg 1 | 0 | 0 |

- Molecule 92 is osmium (III) hexammine (CCD ID: OHX) (formula: $\text{H}_{12}\text{N}_6\text{Os}$).



| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 92 | 2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | S2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | S6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | S8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | C3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | C5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | C8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | C8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | D9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | SR | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 92 | L2 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | L3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | L3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | L3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | L4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | L5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M0 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | M9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | N1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | N8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | N9 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | O1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | O3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | O7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | O7 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | O7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | Q2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 6 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|------------|--------|---------|---------|---------|
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | 6 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | s1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | s4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | s8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | c1 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | c3 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | c5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | c5 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | c8 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |
| 92 | d4 | 1 | Total 7 | N 6 | Os 1 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | d9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | sR | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 8 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 12 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 13 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 13 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 14 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 14 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 15 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 15 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 15 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | 19 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

Continued on next page...

Continued from previous page...

| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 92 | m0 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m4 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m5 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | m9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | n1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | n3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | n9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | o2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | o3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | o7 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | o9 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | q2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | A | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | A | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 92 | a | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

- Molecule 93 is ZINC ION (CCD ID: ZN) (formula: Zn).

| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|-------|----|---------|---------|
| 93 | D6 | 1 | Total | Zn | 0 | 0 |
| | | | 1 | 1 | | |

Continued on next page...

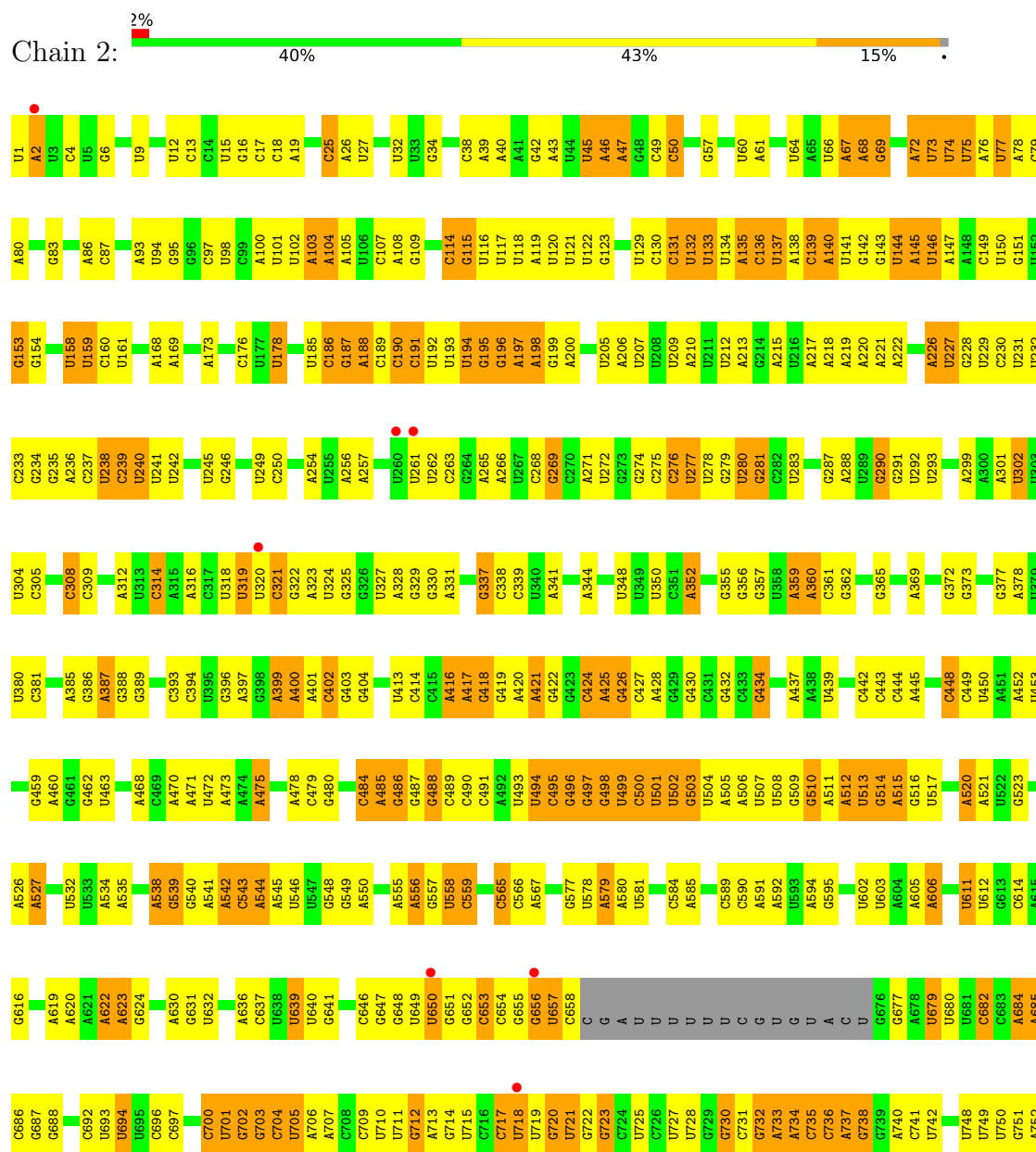
Continued from previous page...

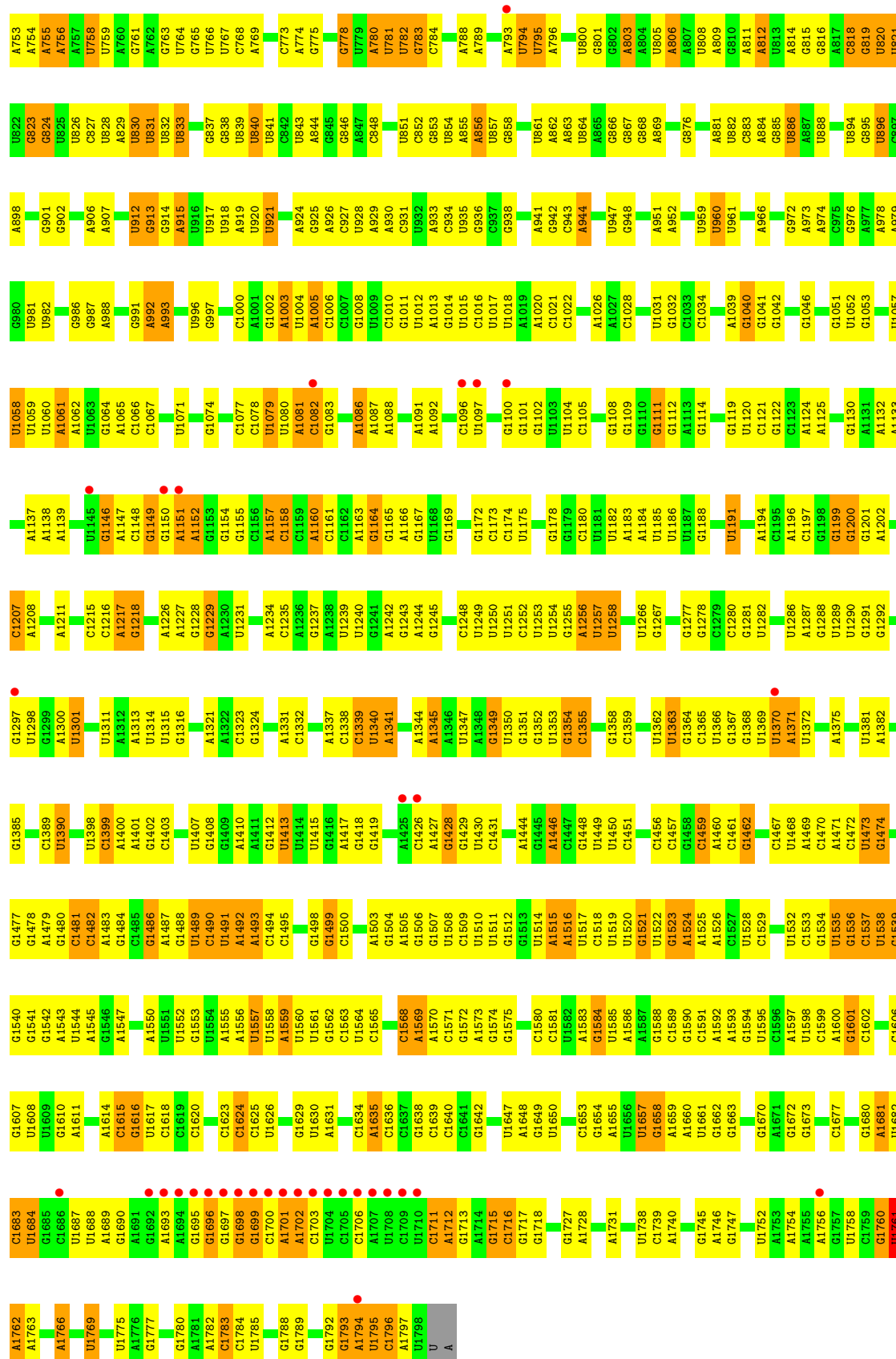
| Mol | Chain | Residues | Atoms | | ZeroOcc | AltConf |
|-----|-------|----------|------------|---------|---------|---------|
| 93 | D7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | D9 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | E1 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | O7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | Q0 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | Q2 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | Q3 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | d6 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | d7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | d9 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | e1 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | o7 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | q0 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | q2 | 1 | Total 1 | Zn 1 | 0 | 0 |
| 93 | q3 | 1 | Total 1 | Zn 1 | 0 | 0 |

3 Residue-property plots

These plots are drawn for all protein, RNA, DNA and oligosaccharide chains in the entry. The first graphic for a chain summarises the proportions of the various outlier classes displayed in the second graphic. The second graphic shows the sequence view annotated by issues in geometry and electron density. Residues are color-coded according to the number of geometric quality criteria for which they contain at least one outlier: green = 0, yellow = 1, orange = 2 and red = 3 or more. A red dot above a residue indicates a poor fit to the electron density ($RSRZ > 2$). Stretches of 2 or more consecutive residues without any outlier are shown as a green connector. Residues present in the sample, but not in the model, are shown in grey.

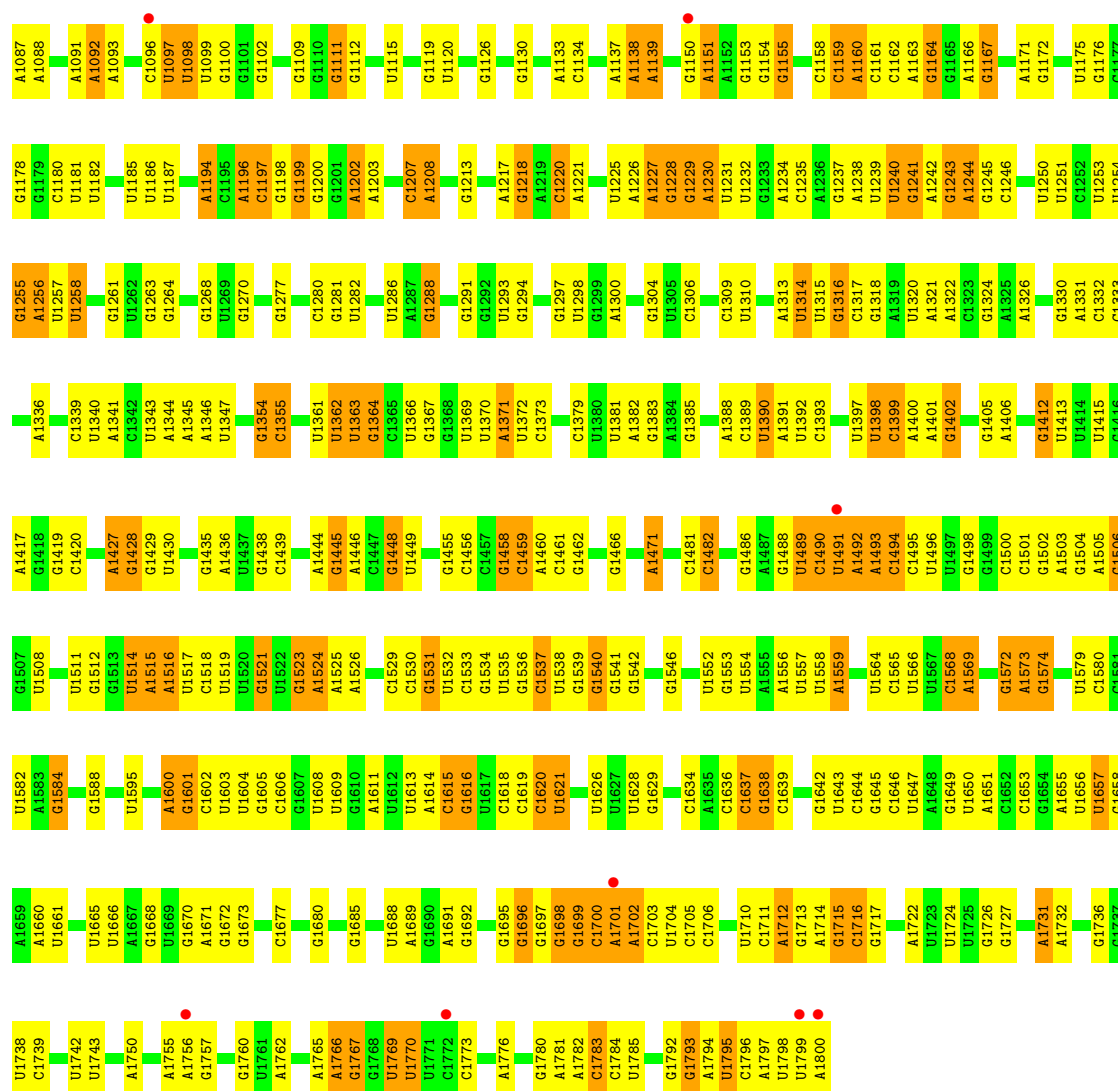
• Molecule 1: 18S rRNA



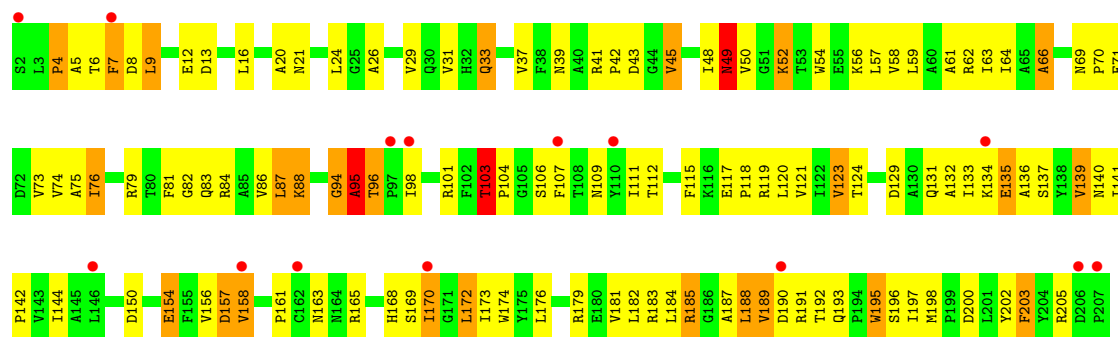


• Molecule 1: 18S rRNA



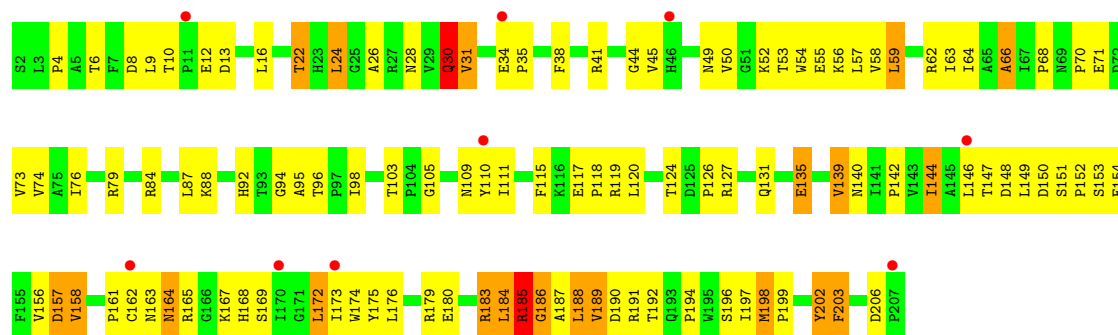


• Molecule 2: 40S ribosomal protein S0-A

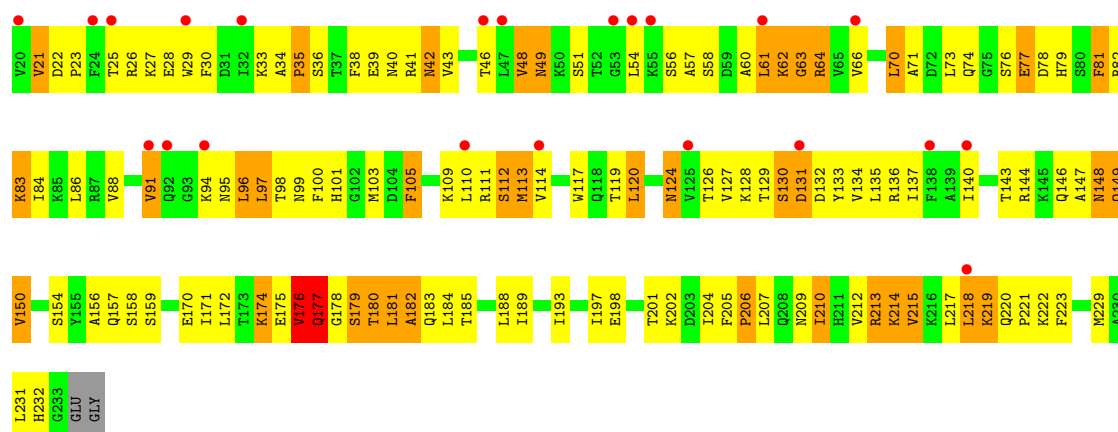


• Molecule 2: 40S ribosomal protein S0-A

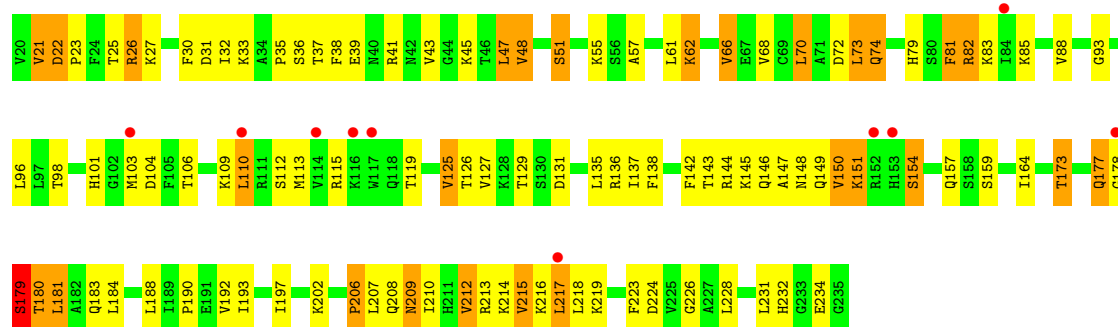




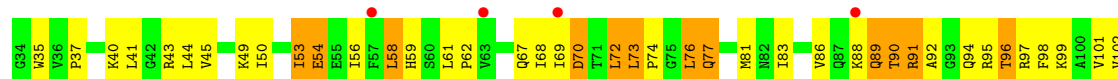
• Molecule 3: 40S ribosomal protein S1-A

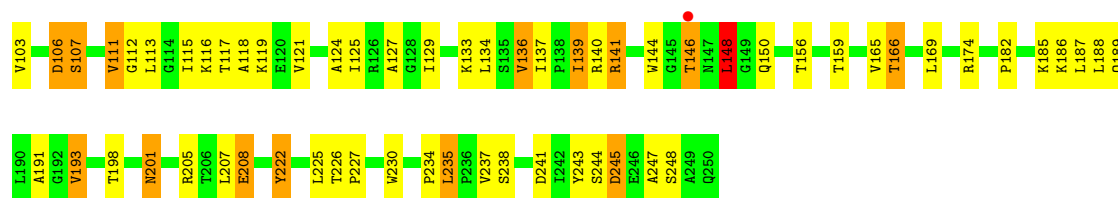


• Molecule 3: 40S ribosomal protein S1-A

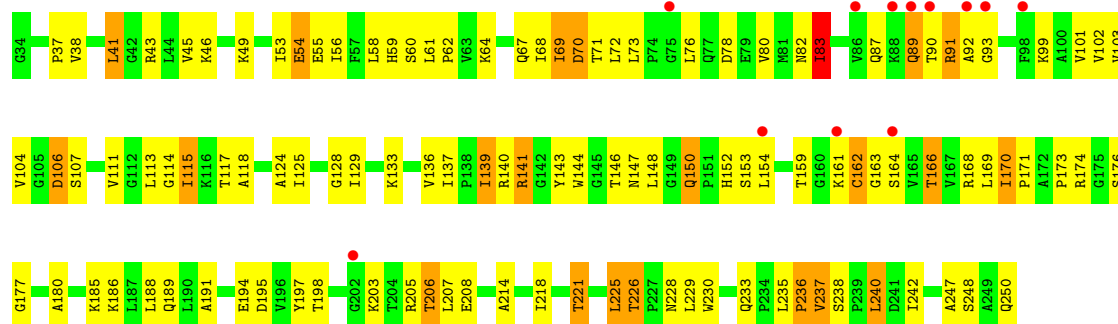


• Molecule 4: 40S ribosomal protein S2

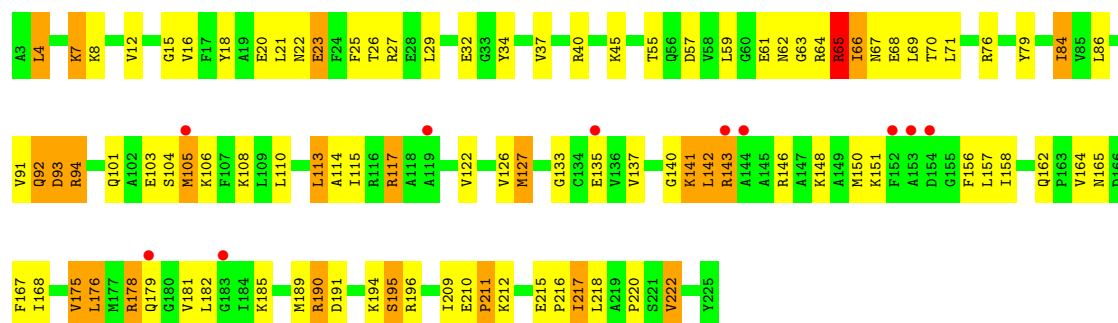




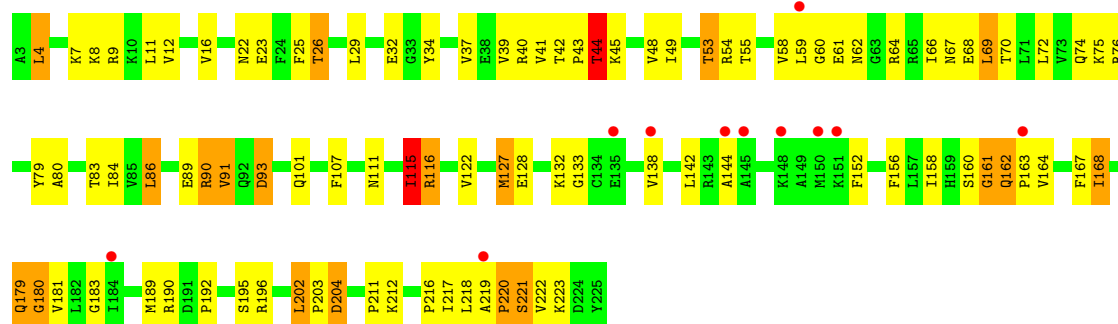
• Molecule 4: 40S ribosomal protein S2



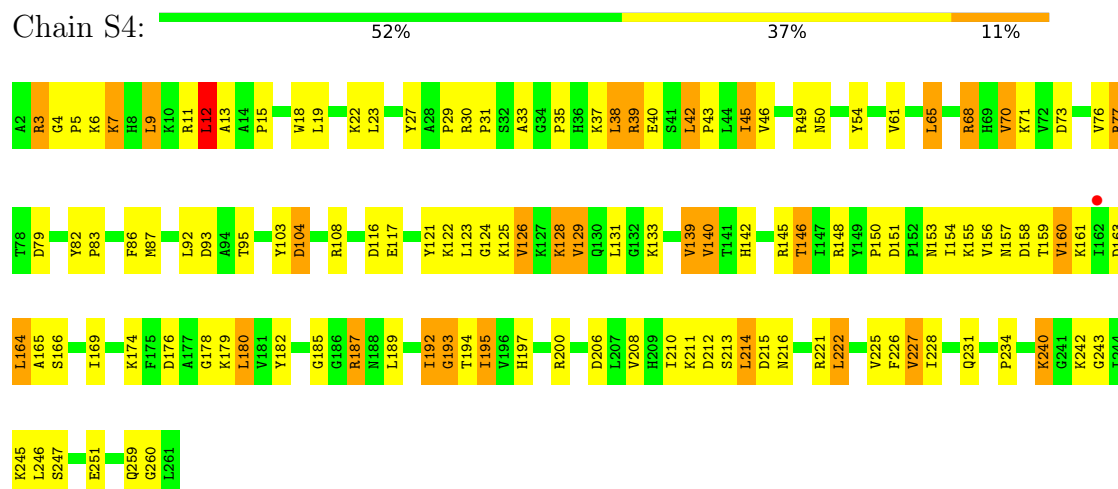
• Molecule 5: 40S ribosomal protein S3



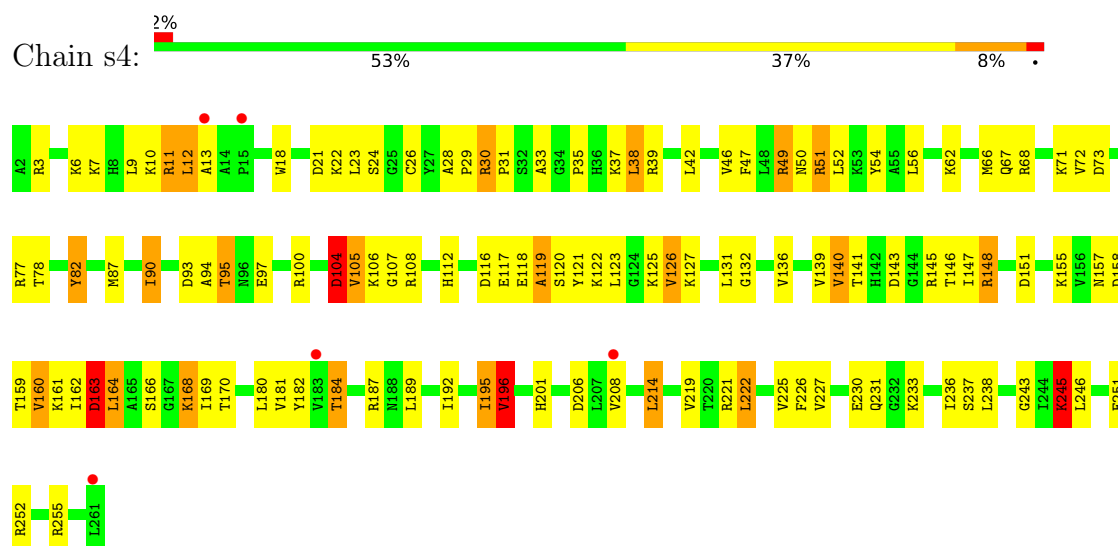
• Molecule 5: 40S ribosomal protein S3



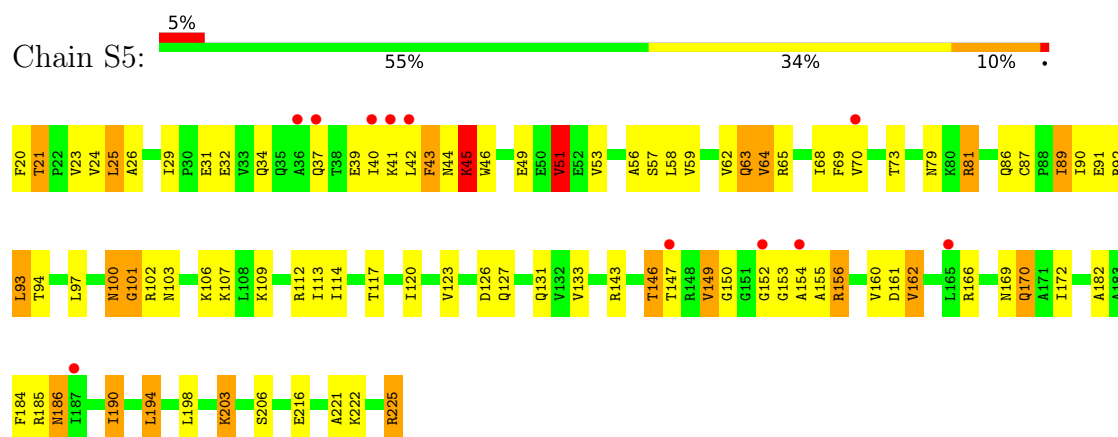
• Molecule 6: 40S ribosomal protein S4-A



• Molecule 6: 40S ribosomal protein S4-A

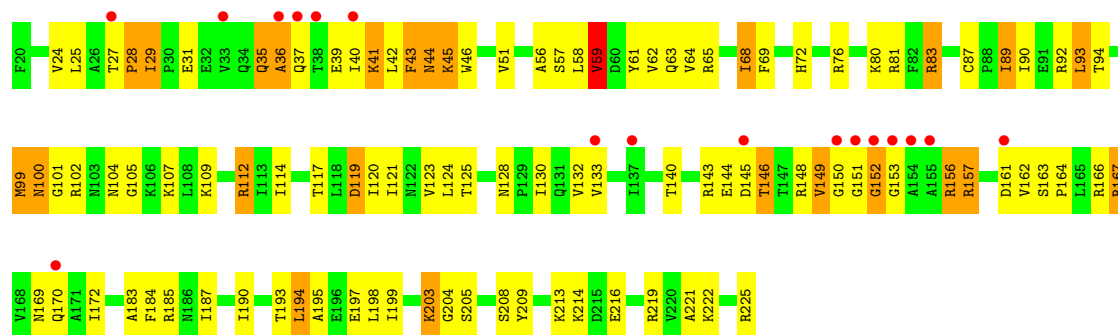


• Molecule 7: 40S ribosomal protein S5

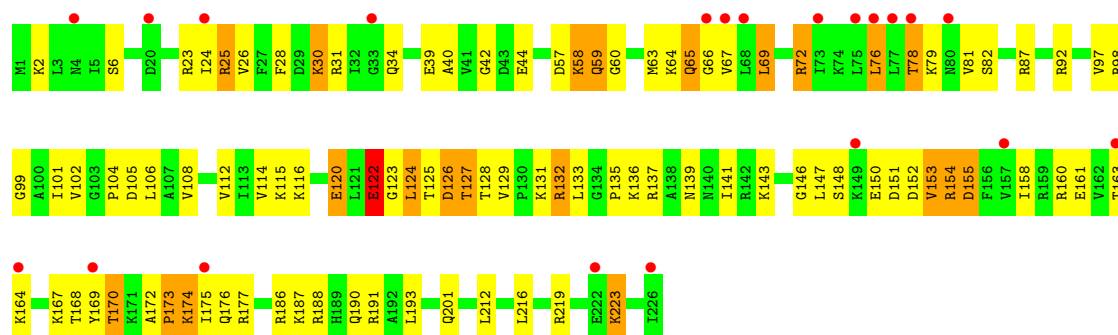


• Molecule 7: 40S ribosomal protein S5

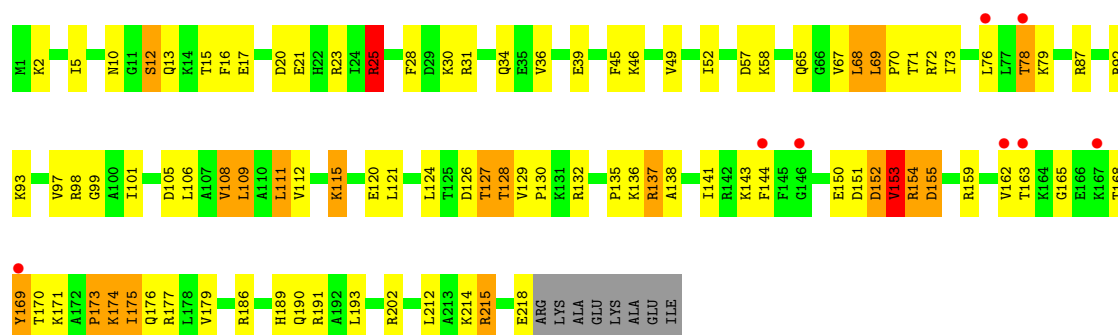




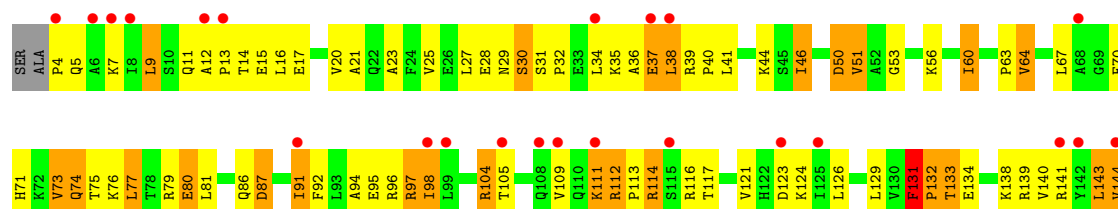
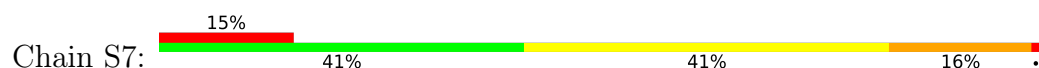
• Molecule 8: 40S ribosomal protein S6-A



• Molecule 8: 40S ribosomal protein S6-A

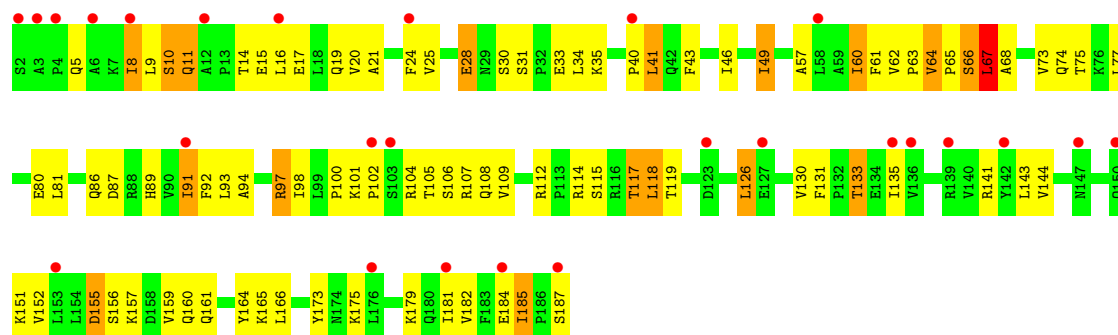


• Molecule 9: 40S ribosomal protein S7-A

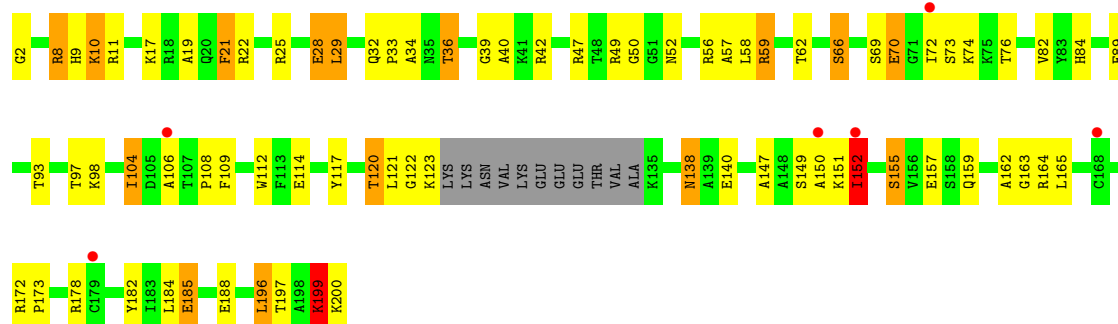




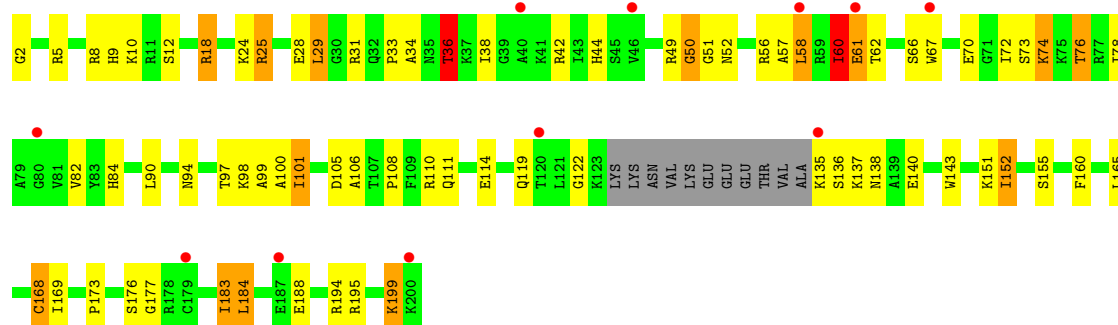
• Molecule 9: 40S ribosomal protein S7-A



• Molecule 10: 40S ribosomal protein S8-A

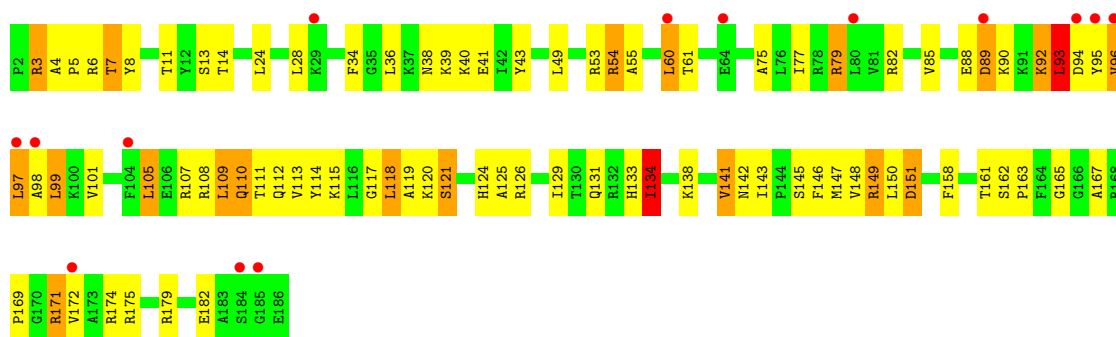


• Molecule 10: 40S ribosomal protein S8-A

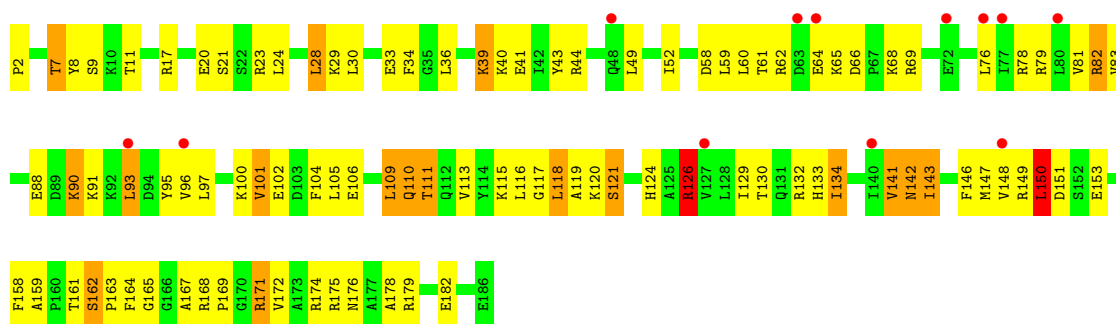


• Molecule 11: 40S ribosomal protein S9-A

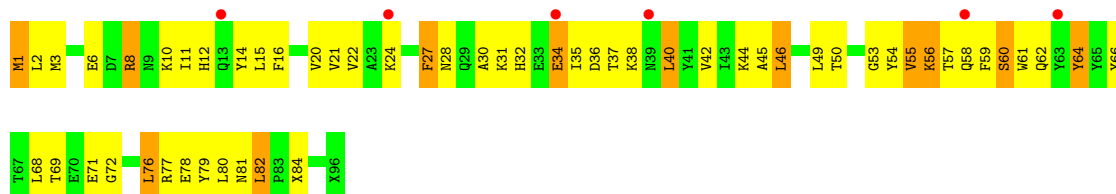
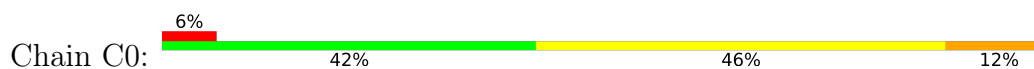




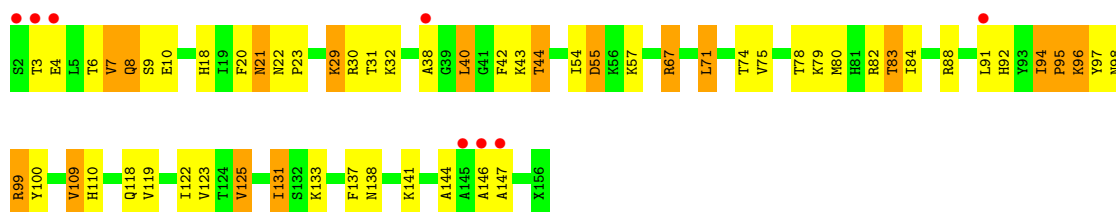
• Molecule 11: 40S ribosomal protein S9-A



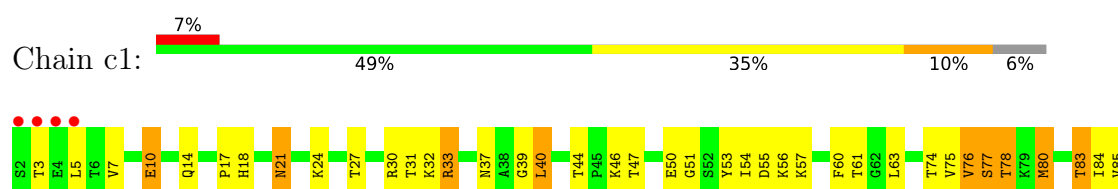
• Molecule 12: 40S ribosomal protein S10-A, 40S ribosomal protein S10-A, 40S Ribosomal Protein S10-A



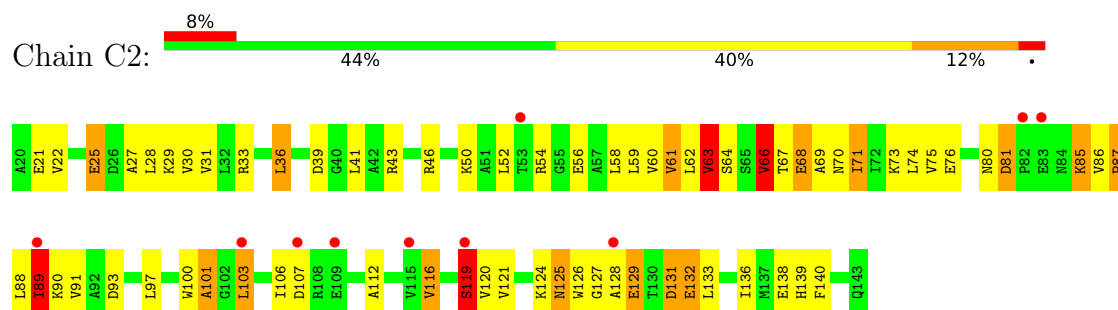
• Molecule 13: 40S ribosomal protein S11-A, 40S ribosomal protein S11-A, 40S Ribosomal Protein S11-A



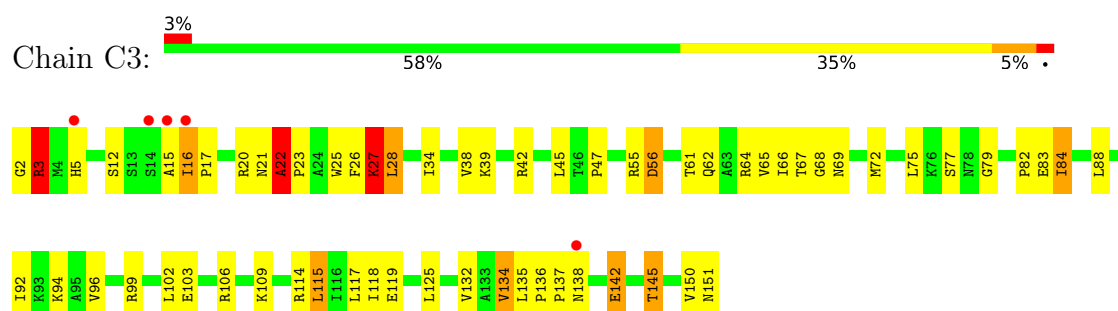
• Molecule 13: 40S ribosomal protein S11-A, 40S ribosomal protein S11-A, 40S Ribosomal Protein S11-A



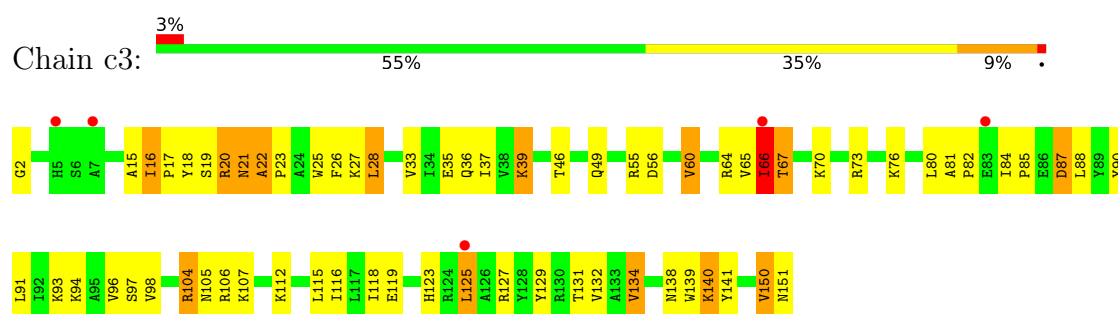
• Molecule 14: 40S Ribosomal Protein S12



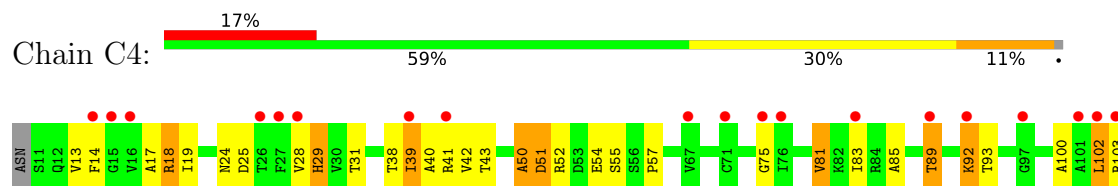
• Molecule 15: 40S ribosomal protein S13

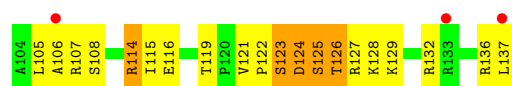


• Molecule 15: 40S ribosomal protein S13



• Molecule 16: 40S Ribosomal Protein S14

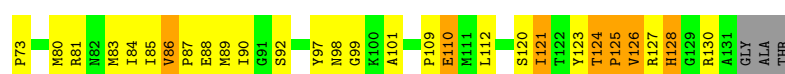
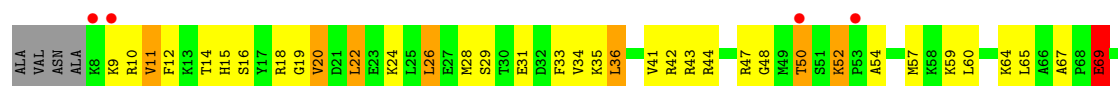




• Molecule 16: 40S Ribosomal Protein S14



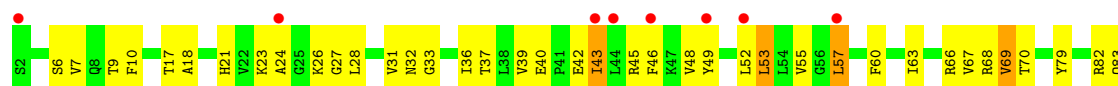
• Molecule 17: 40S ribosomal protein S15



• Molecule 18: 40S ribosomal protein S16-A

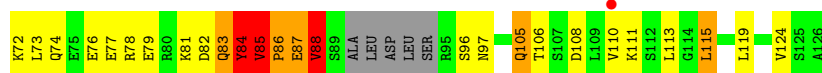
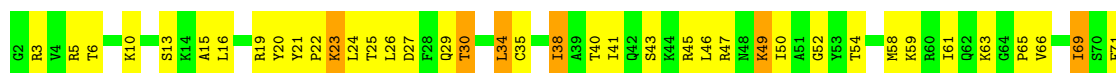


• Molecule 18: 40S ribosomal protein S16-A

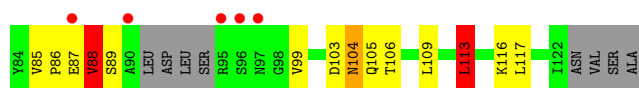
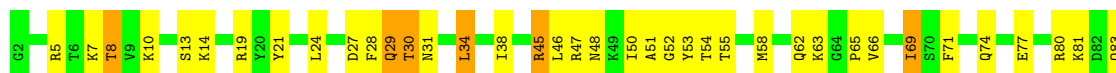


• Molecule 19: 40S ribosomal protein S17-A

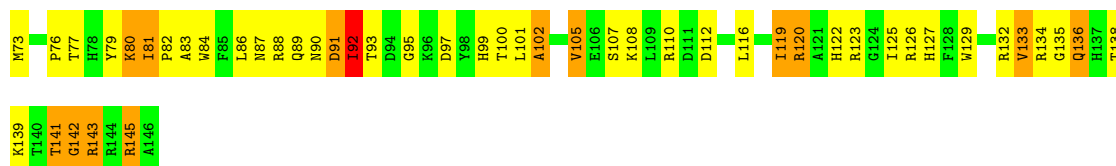
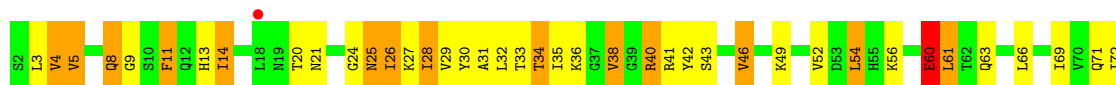




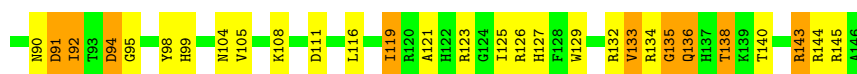
• Molecule 19: 40S ribosomal protein S17-A



• Molecule 20: 40S ribosomal protein S18-A



• Molecule 20: 40S ribosomal protein S18-A



• Molecule 21: 40S ribosomal protein S19-A

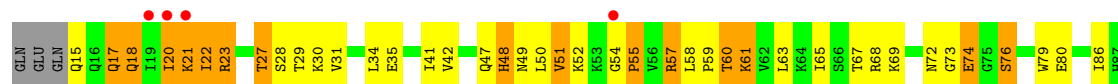




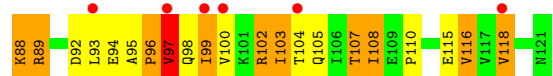
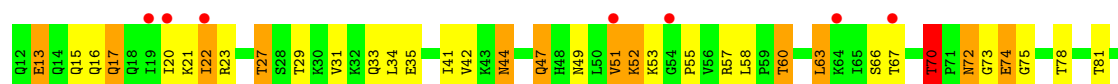
• Molecule 21: 40S ribosomal protein S19-A



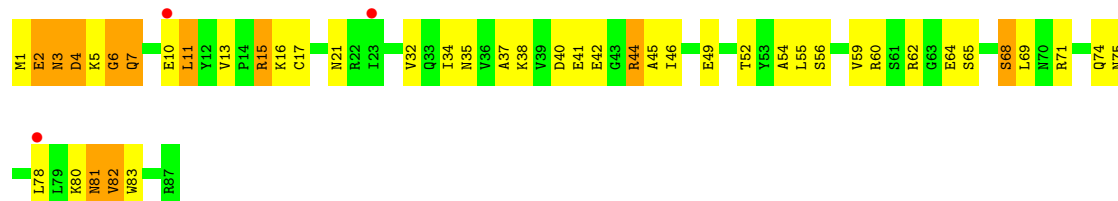
• Molecule 22: 40S ribosomal protein S20



• Molecule 22: 40S ribosomal protein S20

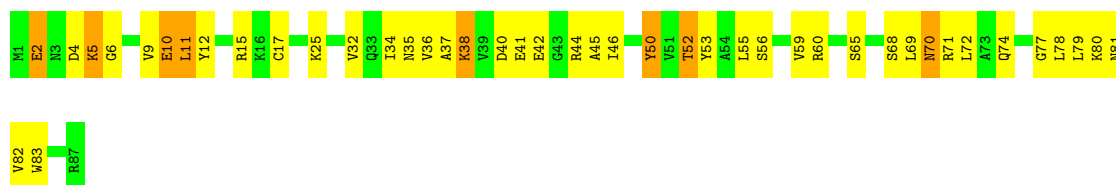


• Molecule 23: 40S ribosomal protein S21-A

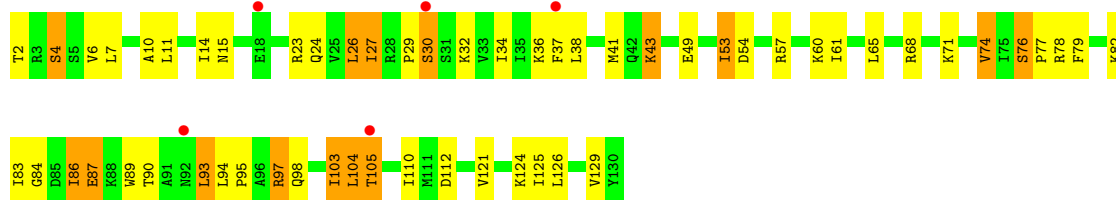


• Molecule 23: 40S ribosomal protein S21-A

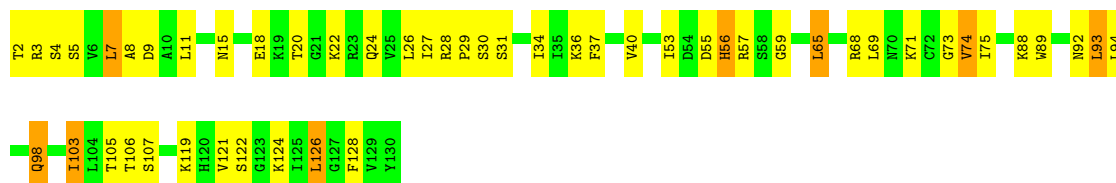




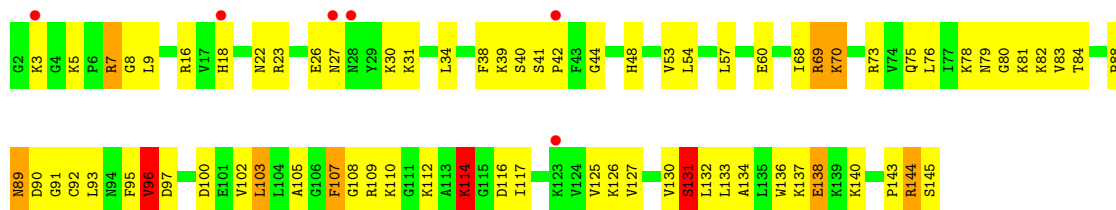
• Molecule 24: 40S ribosomal protein S22-A



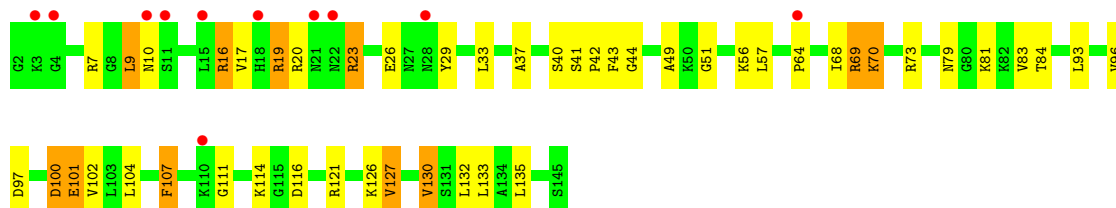
• Molecule 24: 40S ribosomal protein S22-A



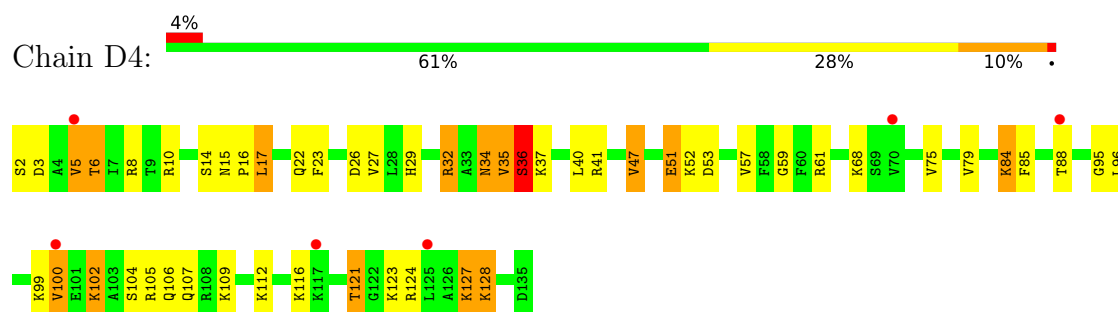
• Molecule 25: 40S ribosomal protein S23-A



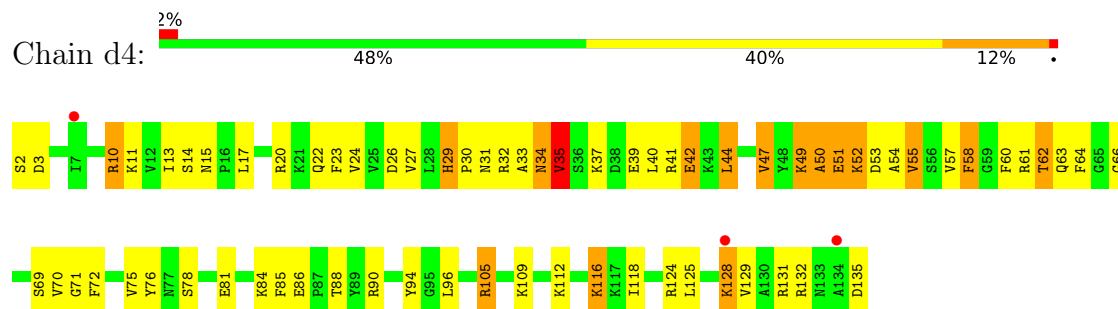
• Molecule 25: 40S ribosomal protein S23-A



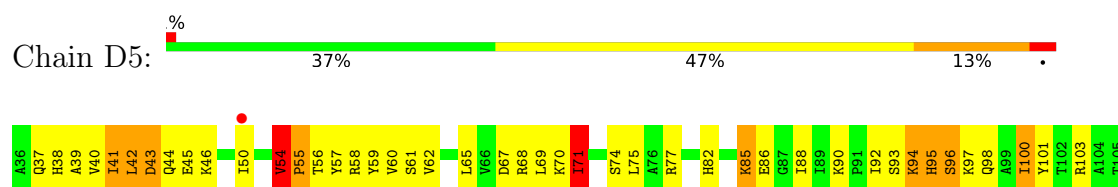
• Molecule 26: 40S ribosomal protein S24-A



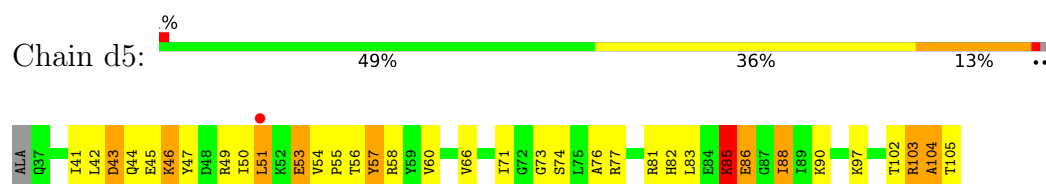
- Molecule 26: 40S ribosomal protein S24-A



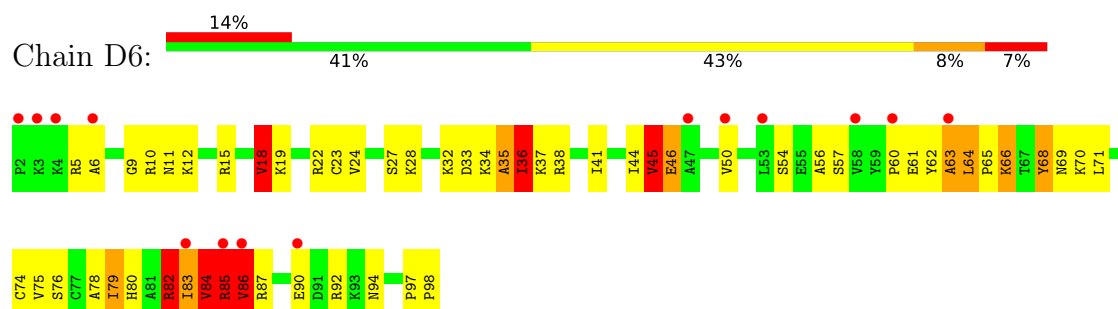
- Molecule 27: 40S ribosomal protein S25-A



- Molecule 27: 40S ribosomal protein S25-A

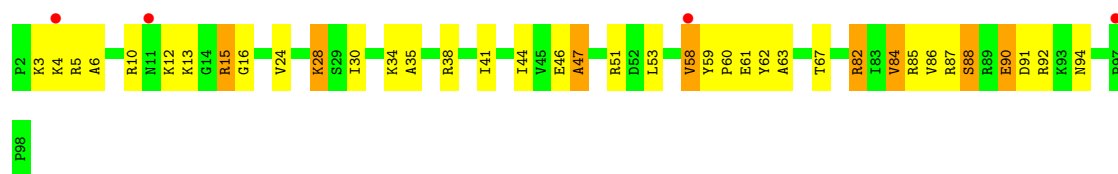


- Molecule 28: 40S ribosomal protein S26-B

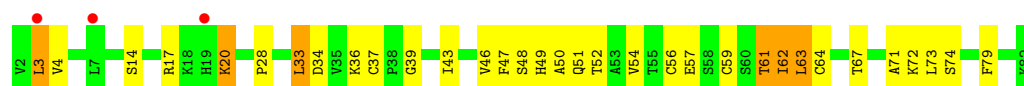


- Molecule 28: 40S ribosomal protein S26-B

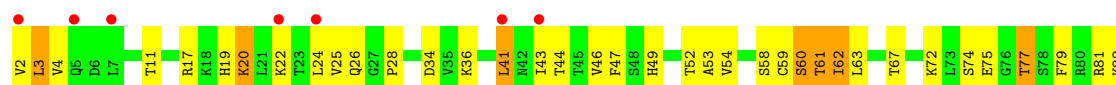




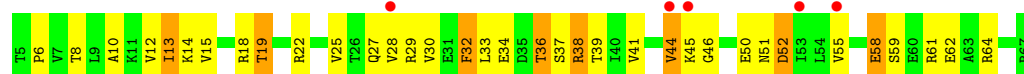
- Molecule 29: 40S ribosomal protein S27-A



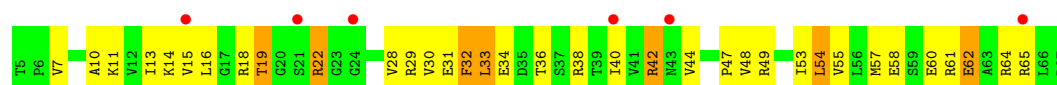
- Molecule 29: 40S ribosomal protein S27-A



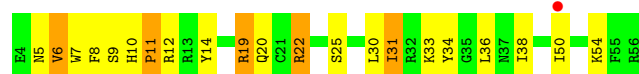
- Molecule 30: 40S ribosomal protein S28-A



- Molecule 30: 40S ribosomal protein S28-A



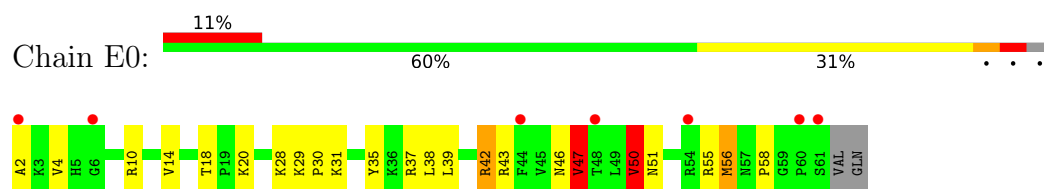
- Molecule 31: 40S ribosomal protein S29-A



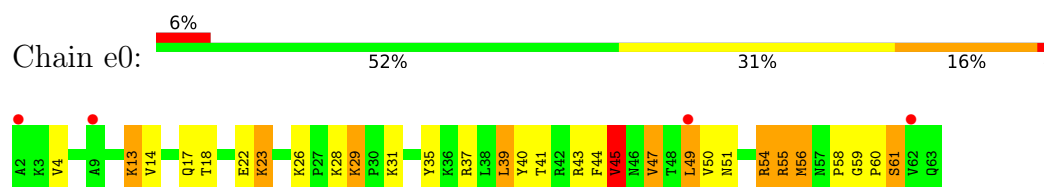
- Molecule 31: 40S ribosomal protein S29-A



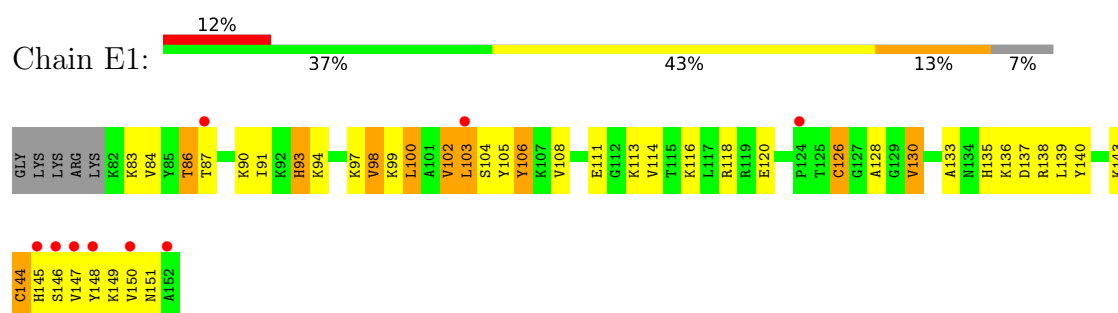
- Molecule 32: 40S ribosomal protein S30-A



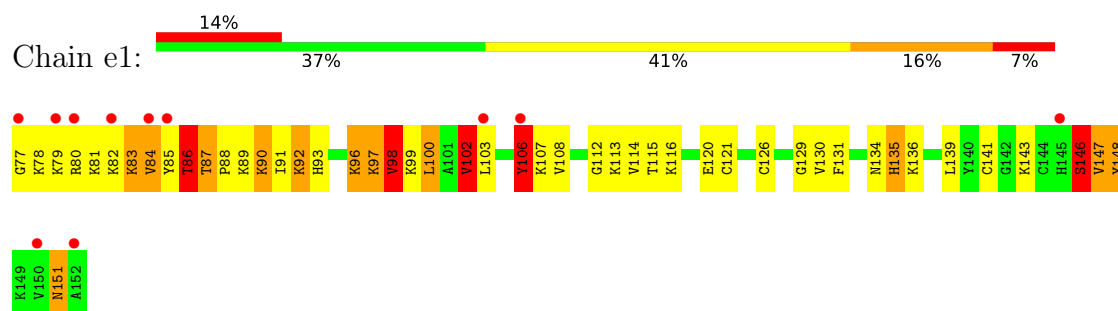
- Molecule 32: 40S ribosomal protein S30-A



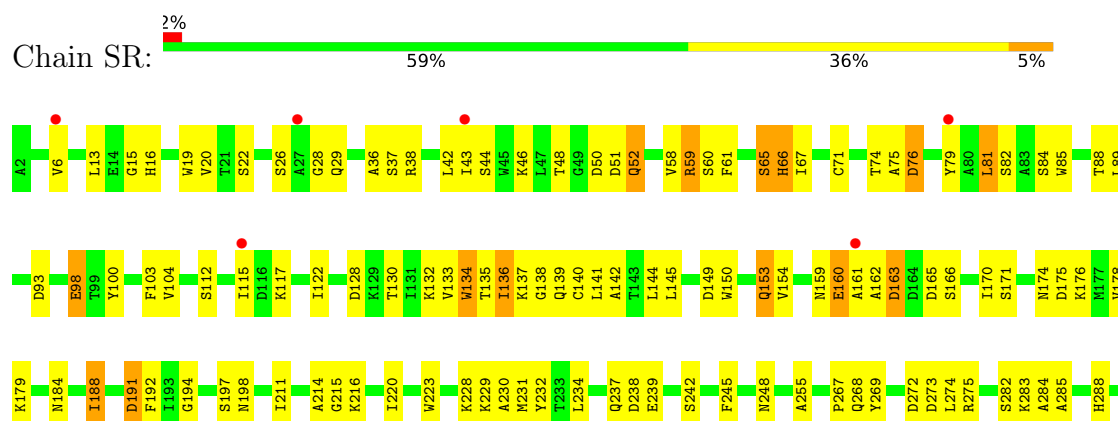
- Molecule 33: Ubiquitin-40S ribosomal protein S31

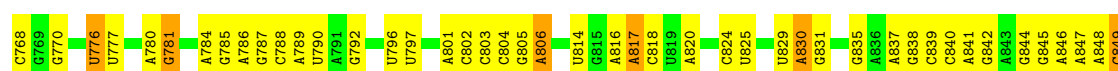


- Molecule 33: Ubiquitin-40S ribosomal protein S31



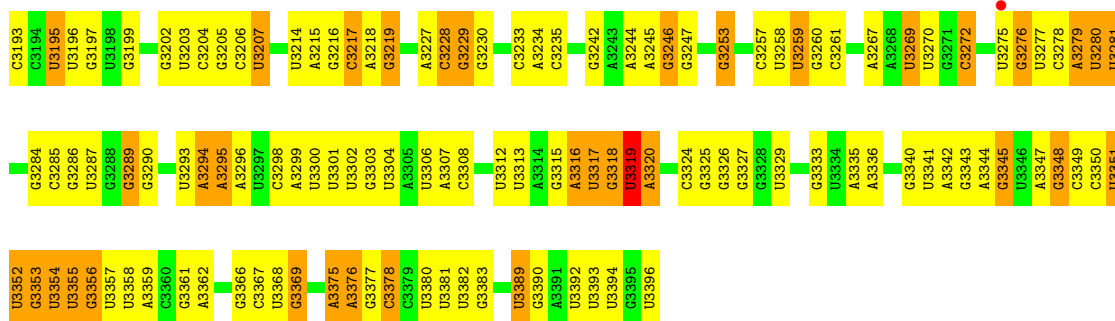
- Molecule 34: Guanine nucleotide-binding protein subunit beta-like protein



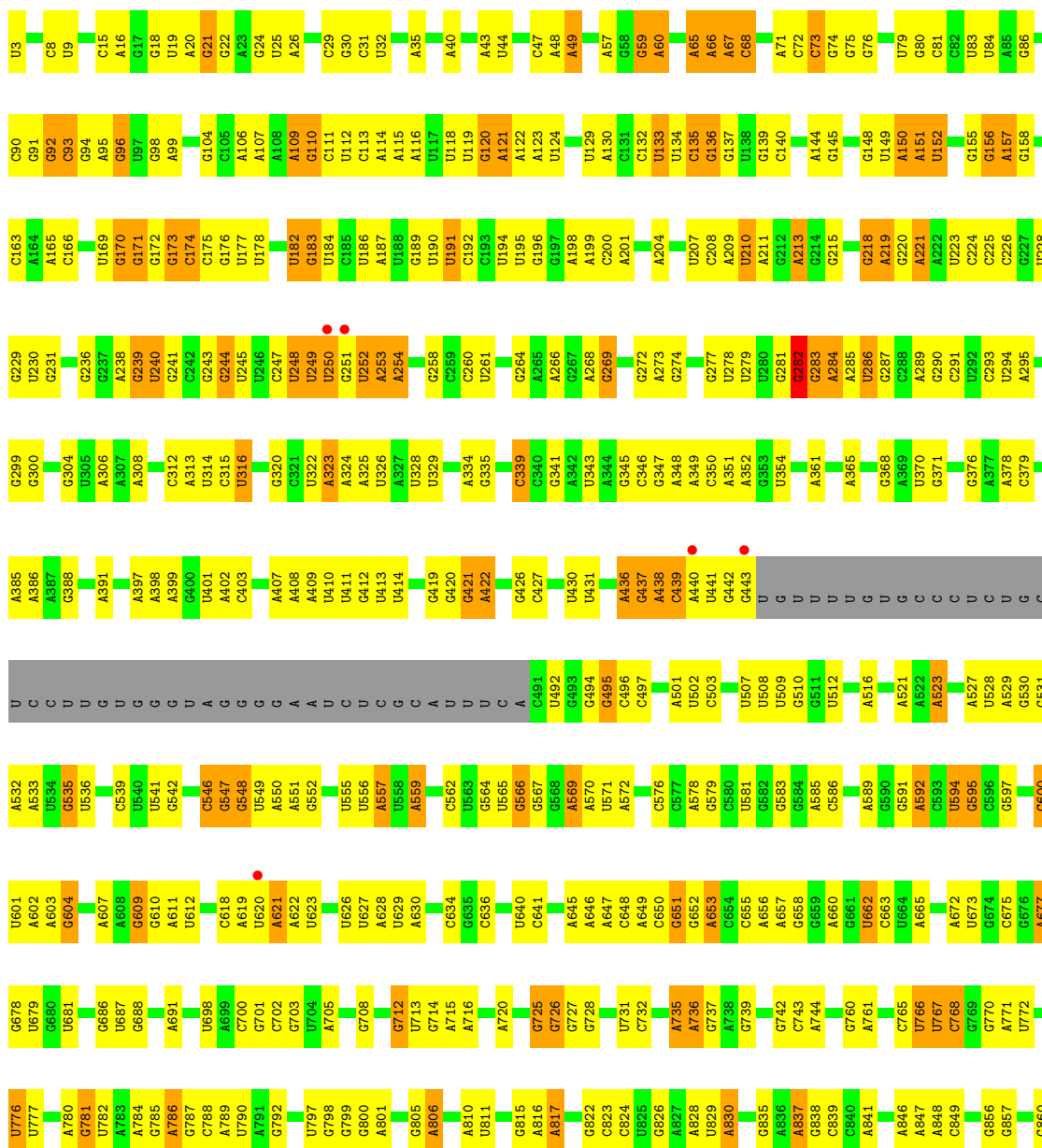
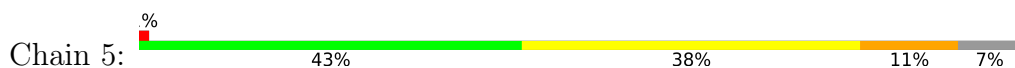


[illegible]



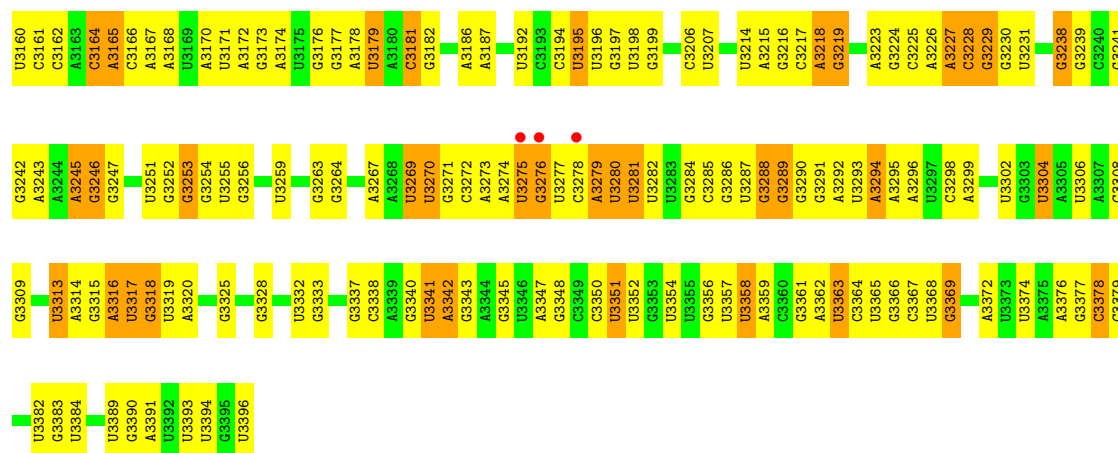


• Molecule 36: 25S rRNA



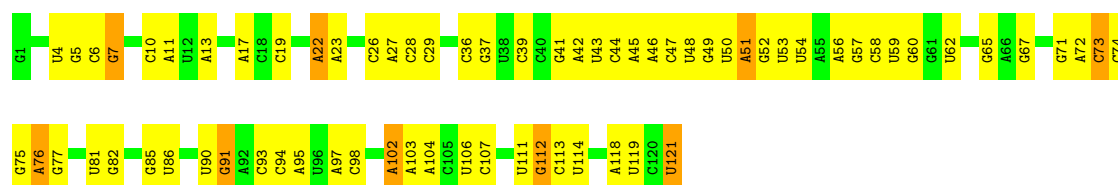


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| C3089 | C3090 | A3091 | C3092 | C3093 | A3094 | C3095 | C3096 | C3097 | G3102 | G3108 | G3109 | G3110 | G3111 | G3112 | A3113 | A3114 | C3115 | U3121 | A3122 | A3123 | G3124 | U3125 | G3126 | A3127 | G3128 | A3129 | A3130 | U3131 | C3132 | C3133 | A3134 | U3135 | G3136 | C3137 | U3138 | A3139 | G3140 | A3141 | A3142 | C3143 | G3144 | C3145 | G3146 | G3147 | A3150 | U3151 | U3152 | U3153 | C3154 | U3155 | U3156 | U3157 | G3158 | C3159 |
| C2927 | C2928 | C2931 | C2932 | C2933 | U2935 | A2936 | G2939 | A2940 | A2941 | C2942 | C2943 | U2944 | G2945 | A2946 | G2947 | C2948 | U2949 | G2950 | U2955 | A2956 | C2960 | G2961 | U2962 | C2963 | G2964 | U2965 | G2966 | A2967 | G2968 | A2969 | C2970 | A2971 | G2972 | U2975 | A2976 | G2977 | U2978 | U2979 | C2983 | C2984 | C2985 | C2988 | U2989 | G2990 | A2991 | U2992 | G2993 | U2996 | G2997 | U2998 | U2999 | | | |
| C2840 | U2843 | C2844 | A2845 | C2849 | G2850 | A2851 | C2852 | A2853 | U2854 | U2859 | U2860 | U2861 | U2866 | C2870 | G2871 | A2872 | U2873 | C2874 | C2875 | C2876 | G2877 | U2878 | C2879 | U2880 | C2881 | U2882 | U2883 | C2884 | A2887 | U2888 | C2889 | A2890 | G2895 | A2896 | A2897 | C2898 | C2899 | A2900 | G2901 | A2902 | A2903 | U2904 | U2905 | C2913 | G2914 | U2915 | U2923 | U2924 | C2925 | A2926 | | | | |
| G2761 | U2762 | U2763 | C2764 | C2765 | U2766 | U2767 | G2770 | U2771 | C2772 | C2773 | C2774 | U2775 | C2776 | U2777 | C2778 | A2779 | G2784 | A2785 | G2786 | A2790 | G2793 | G2794 | U2795 | C2796 | A2799 | G2800 | A2801 | A2802 | C2809 | C2810 | C2811 | A2812 | A2813 | A2727 | G2814 | U2729 | G2815 | A2817 | U2818 | A2819 | A2820 | G2823 | U2827 | A2828 | U2829 | C2832 | A2833 | U2834 | U2835 | C2836 | | | | |
| C2682 | U2683 | G2684 | G2685 | U2686 | U2687 | U2688 | A2689 | G2690 | A2691 | G2692 | C2693 | U2694 | G2695 | C2696 | G2697 | A2698 | G2610 | G2614 | G2615 | G2616 | U2617 | G2620 | G2623 | G2624 | C2625 | A2626 | U2633 | A2637 | C2638 | G2639 | G2651 | U2652 | C2653 | A2656 | A2657 | G2658 | G2659 | C2664 | U2665 | C2666 | A2667 | A2674 | C2675 | A2676 | G2677 | A2678 | G2751 | G2753 | | | | | | |
| C2507 | U2508 | U2509 | U2510 | A2511 | U2512 | U2513 | U2514 | A2515 | U2516 | A2520 | U2521 | G2522 | A2523 | A2524 | G2525 | C2526 | A2529 | G2530 | C2531 | U2532 | G2533 | C2534 | A2535 | A2536 | U2537 | U2538 | C2539 | A2540 | U2541 | U2542 | U2543 | C2546 | G2549 | U2550 | U2551 | C2552 | U2553 | A2554 | G2555 | C2556 | C2560 | C2566 | C2567 | C2568 | A2569 | U2570 | U2571 | G2572 | C2573 | G2574 | U2579 | A2580 | | |
| A | G | A | G | G | A | G | U | U | A | A2520 | U2521 | G2522 | A2523 | A2524 | G2525 | C2526 | A2529 | G2530 | C2531 | U2532 | G2533 | C2534 | A2535 | A2536 | U2537 | U2538 | C2539 | A2540 | U2541 | U2542 | U2543 | C2546 | G2549 | U2550 | U2551 | C2552 | U2553 | A2554 | G2555 | C2556 | C2560 | C2566 | C2567 | C2568 | A2569 | U2570 | U2571 | G2572 | C2573 | G2574 | U2579 | A2580 | | |
| A2361 | U2364 | A2371 | G2372 | A2373 | C2374 | G2375 | G2376 | G2377 | A2378 | U2379 | G2385 | A2390 | G2393 | G2396 | A2397 | A2398 | A2399 | A2400 | A2401 | A2402 | G2403 | A2404 | G2405 | U2411 | U2416 | U2417 | G2418 | A2419 | C2422 | U2423 | A2424 | G2425 | U2426 | U2427 | U2428 | G2429 | U2433 | U2434 | G2435 | U2436 | A2437 | A2438 | A2439 | A2440 | A2441 | G2442 | A2443 | A2444 | A | U | | | | |
| U2264 | A2271 | G2272 | G2273 | G2276 | G2277 | C2278 | A2279 | A2280 | A2281 | C2284 | U2289 | G2290 | U2291 | U2294 | A2295 | A2296 | U2297 | U2298 | A2299 | A2303 | A2304 | G2305 | C2306 | G2307 | U2310 | G2311 | A2312 | A2313 | U2314 | G2315 | G2316 | U2317 | U2318 | C2322 | U2334 | G2335 | U2336 | C2337 | C2338 | C2339 | U2340 | A2341 | C2350 | G2355 | A2356 | C2359 | C2360 | | | | | | | |
| C2195 | U2109 | G2110 | G2111 | U2112 | A2113 | C2114 | G2115 | A2120 | A2121 | U2122 | G2123 | C2128 | A2131 | G2132 | U2133 | G2134 | U2135 | G2136 | U2137 | A2138 | A2139 | U2140 | U2141 | A2144 | A2147 | U2148 | C2151 | G2155 | G2156 | G2157 | A2158 | G2160 | A2167 | A2168 | C2169 | G2174 | U2175 | U2176 | G2177 | A2178 | G2179 | G2180 | C2181 | U2186 | G2187 | A2188 | U2192 | | | | | | | |
| U | G | U | A | G | A | C | G | G | C | U | G | G | U | A | G | G | C | U | C | U | U | G | A | A | C | C | U | C | G | C | C | U | U | G | A | U | U | A | C2093 | C2094 | C2098 | C2101 | U2102 | U2103 | A2104 | G2105 | A2106 | | | | | | | |



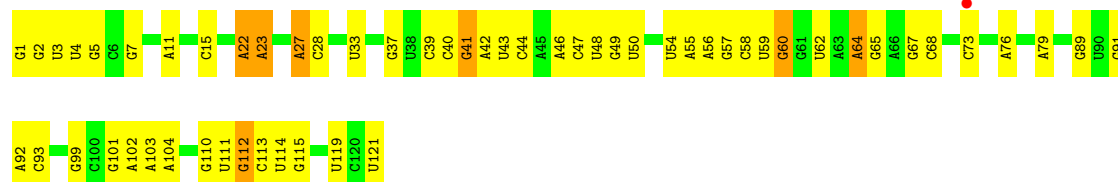
• Molecule 37: 5S rRNA

Chain 3: 42% 50% 7%



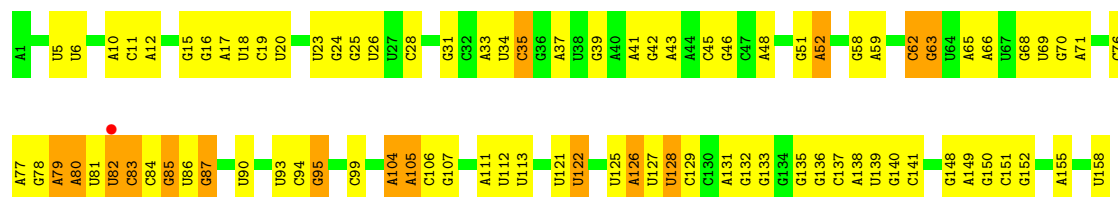
• Molecule 37: 5S rRNA

Chain 7: 53% 41% 6%



• Molecule 38: 5.8S rRNA

Chain 4: 44% 46% 10%



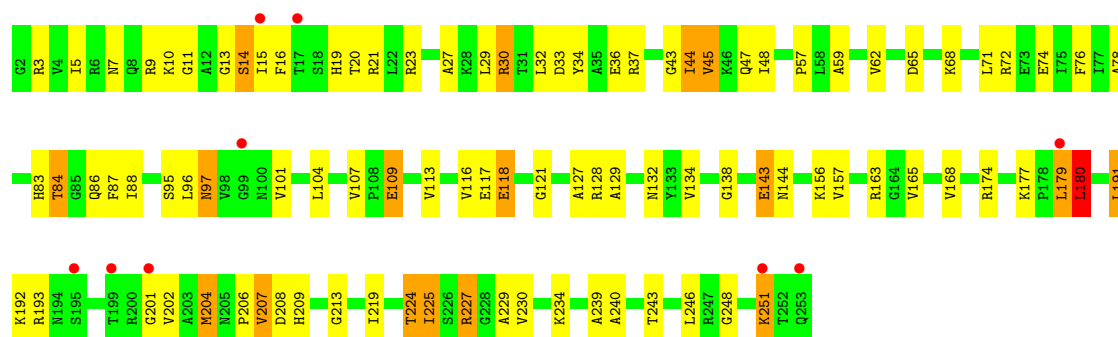
• Molecule 38: 5.8S rRNA

Chain 8: 41% 46% 13%

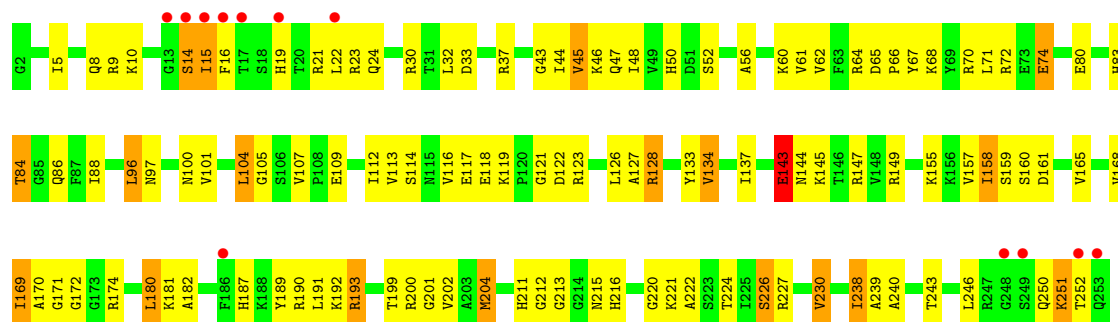




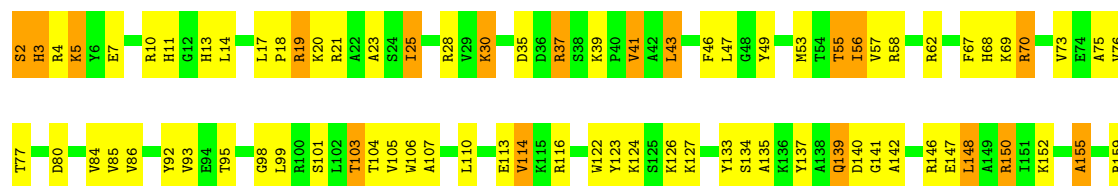
• Molecule 39: 60S ribosomal protein L2-A

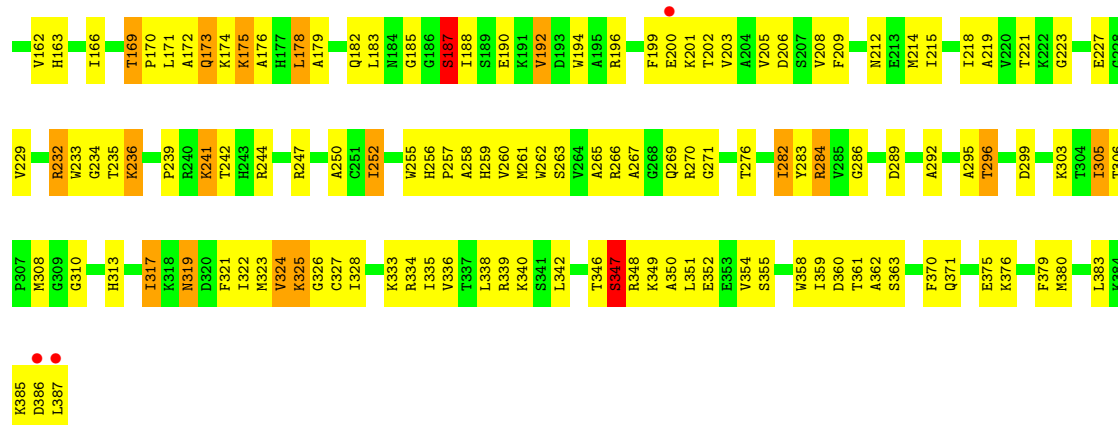


• Molecule 39: 60S ribosomal protein L2-A

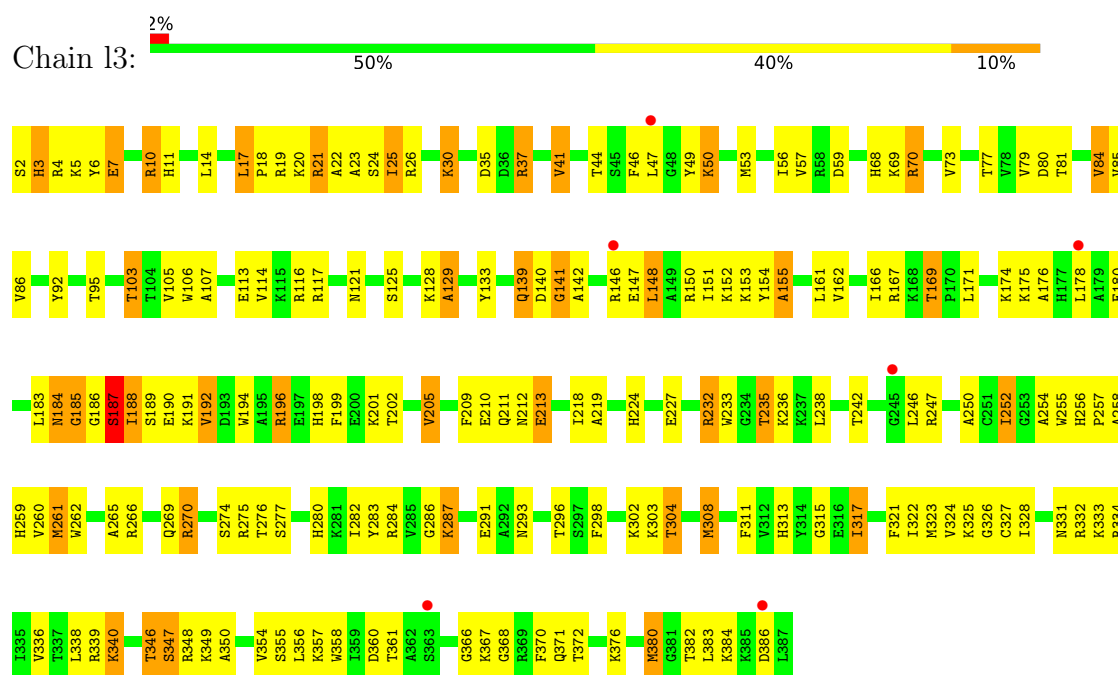


• Molecule 40: 60S ribosomal protein L3

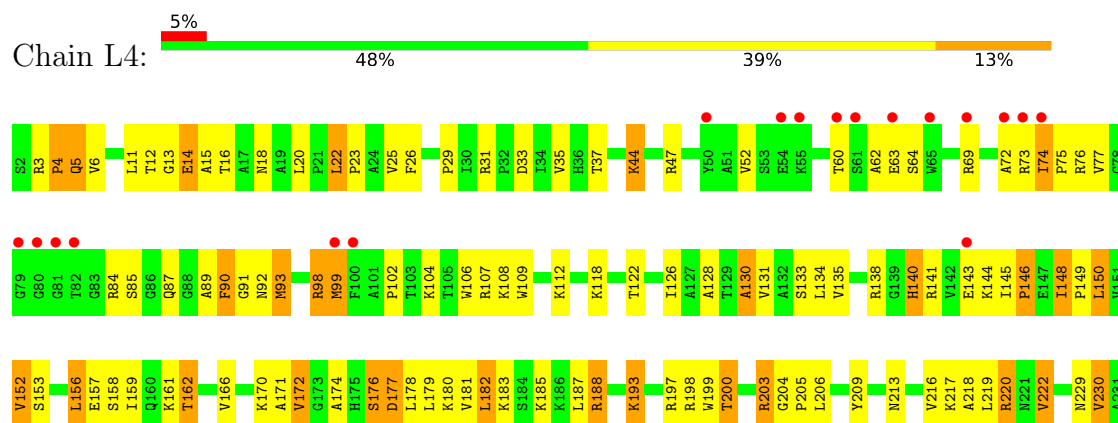


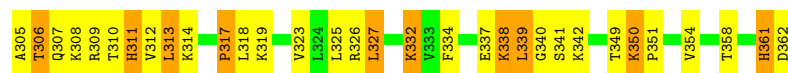
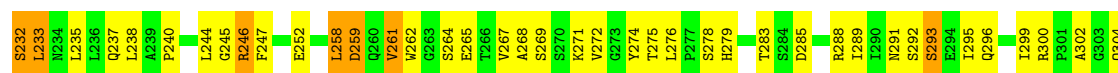


• Molecule 40: 60S ribosomal protein L3

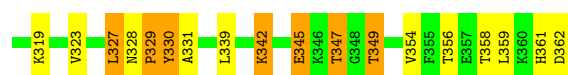


• Molecule 41: 60S ribosomal protein L4-A

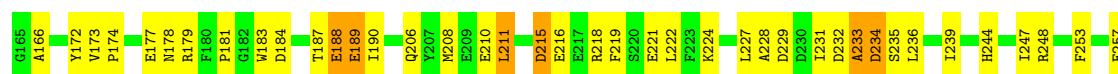
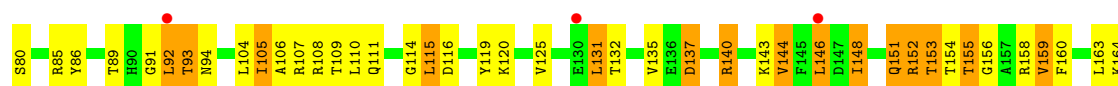
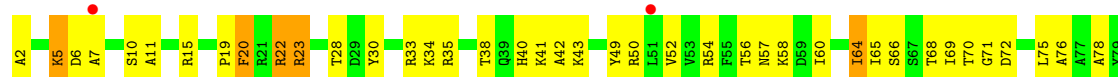




• Molecule 41: 60S ribosomal protein L4-A

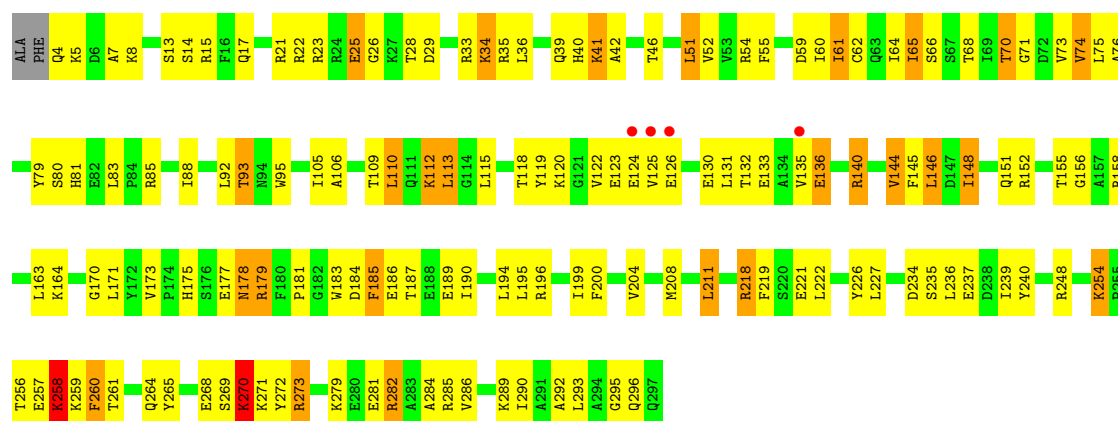


• Molecule 42: 60S ribosomal protein L5

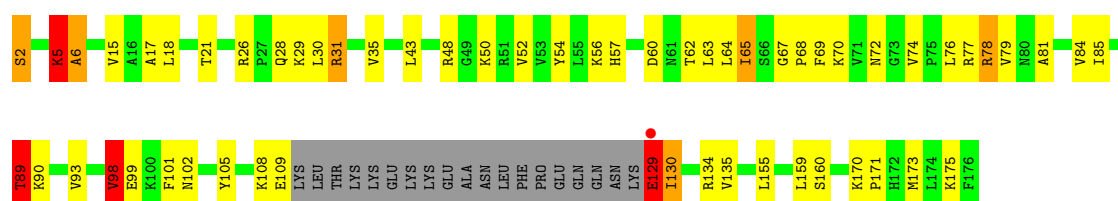


• Molecule 42: 60S ribosomal protein L5

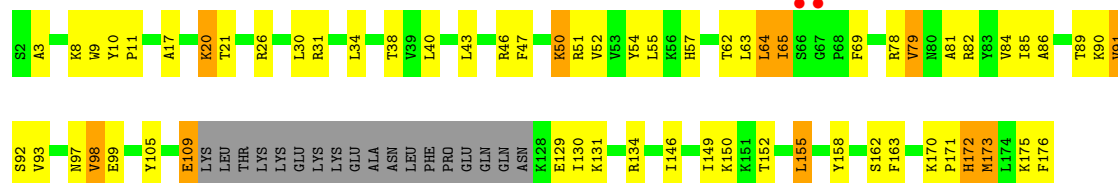




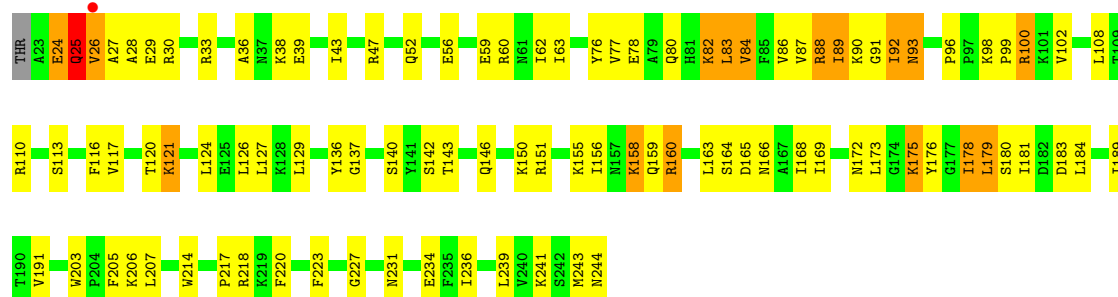
• Molecule 43: 60S ribosomal protein L6-A



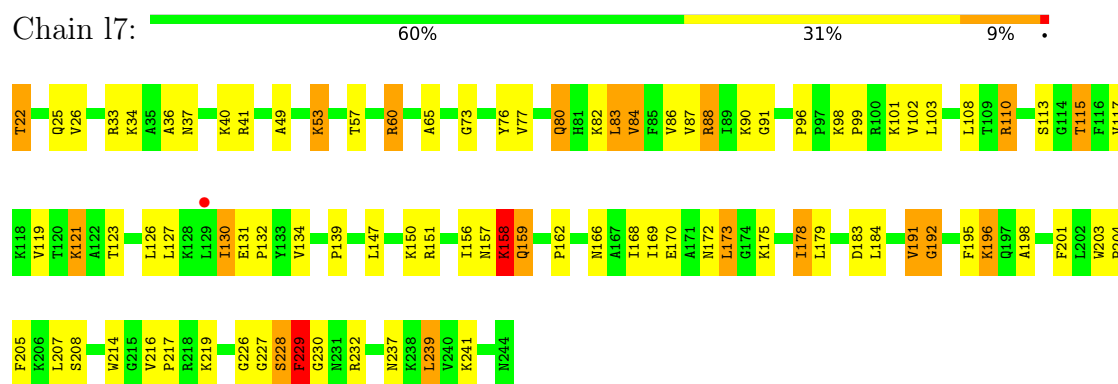
• Molecule 43: 60S ribosomal protein L6-A



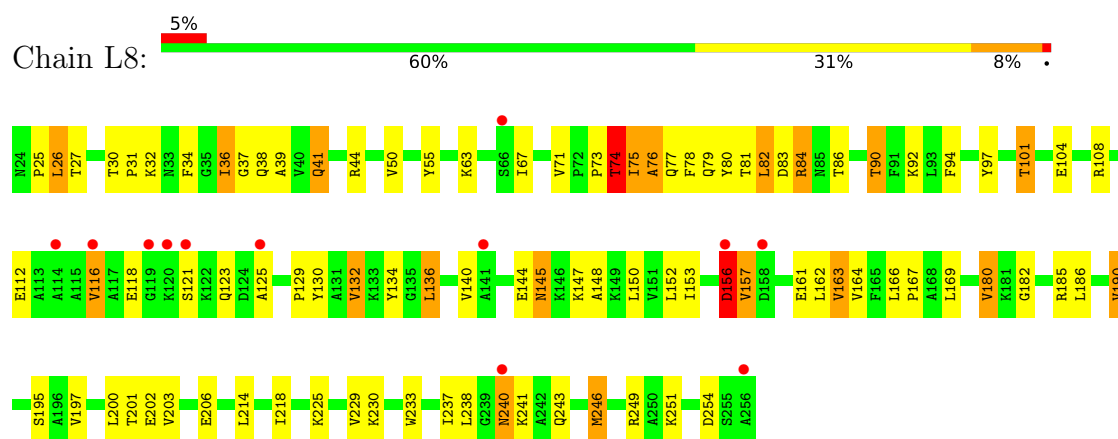
• Molecule 44: 60S ribosomal protein L7-A



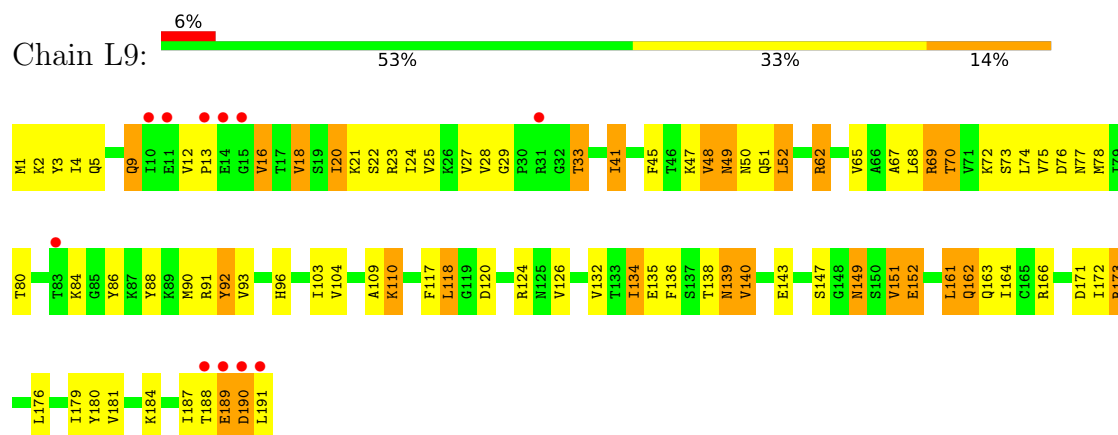
• Molecule 44: 60S ribosomal protein L7-A



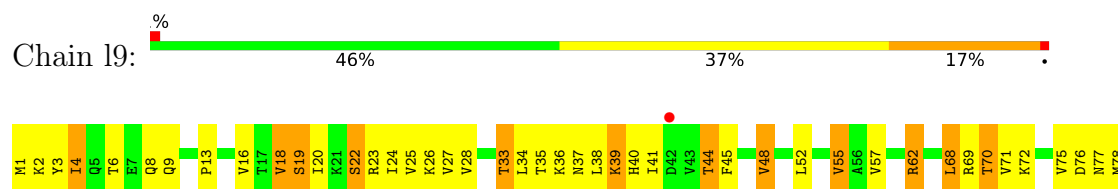
- Molecule 45: 60S ribosomal protein L8-A

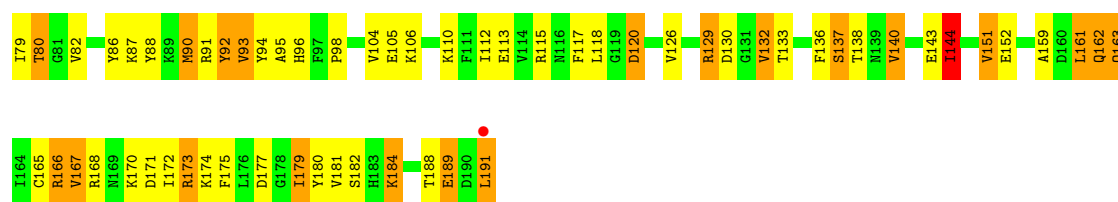


- Molecule 46: 60S ribosomal protein L9-A

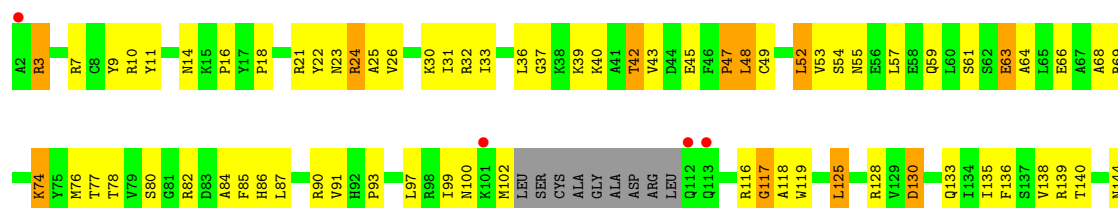


- Molecule 46: 60S ribosomal protein L9-A

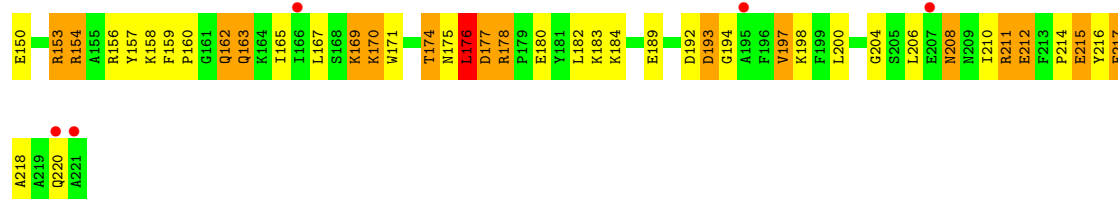
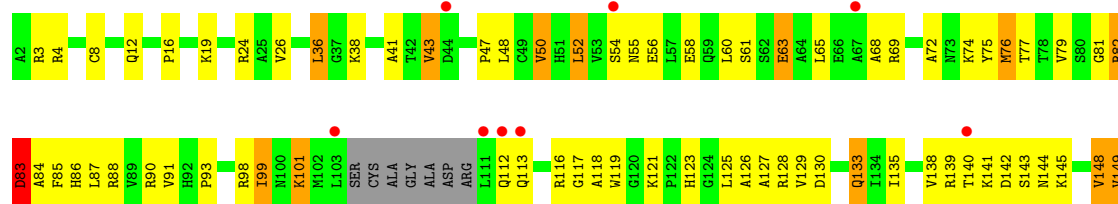




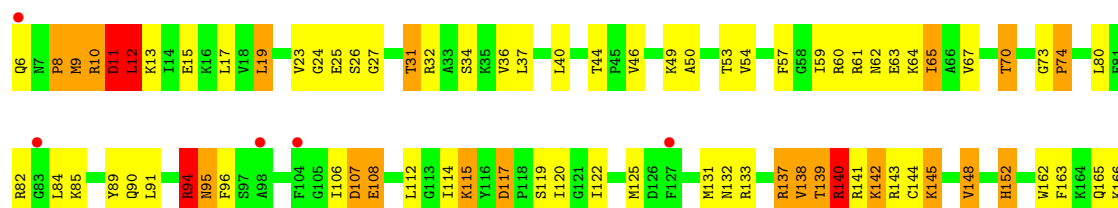
• Molecule 47: 60S ribosomal protein L10



• Molecule 47: 60S ribosomal protein L10

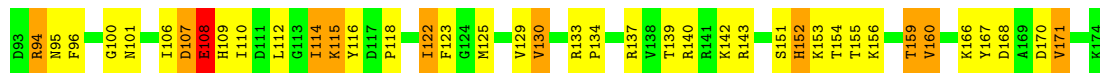


• Molecule 48: 60S ribosomal protein L11-B

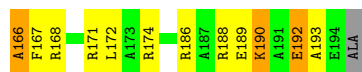
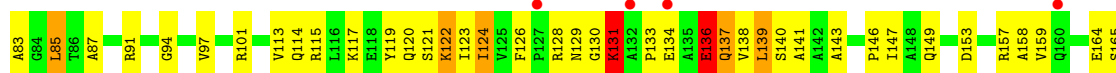




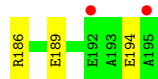
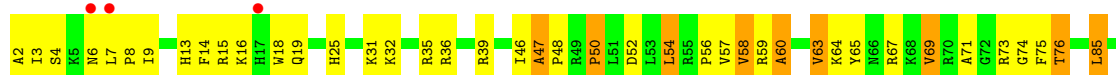
• Molecule 48: 60S ribosomal protein L11-B



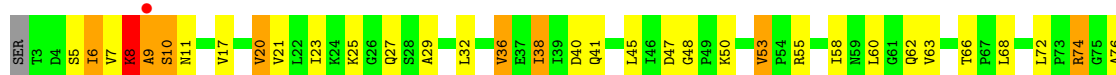
• Molecule 49: 60S ribosomal protein L13-A



• Molecule 49: 60S ribosomal protein L13-A

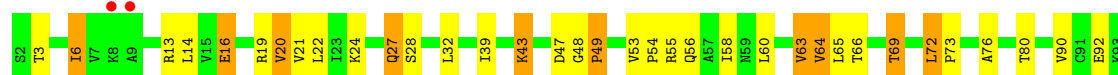


• Molecule 50: 60S ribosomal protein L14-A

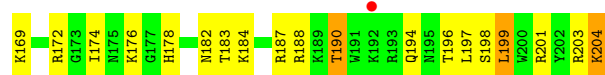




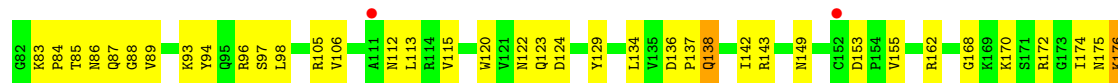
- Molecule 50: 60S ribosomal protein L14-A



- Molecule 51: 60S ribosomal protein L15-A



- Molecule 51: 60S ribosomal protein L15-A



- Molecule 52: 60S ribosomal protein L16-A

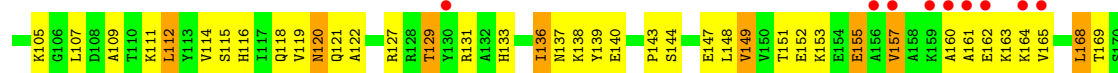
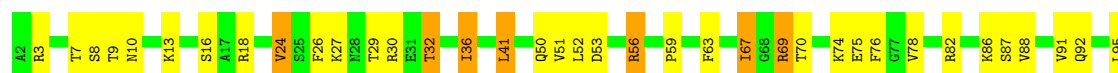




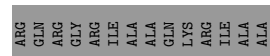
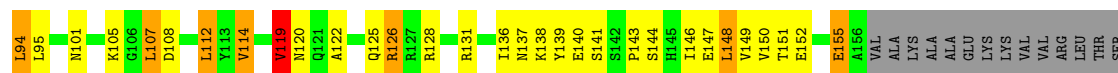
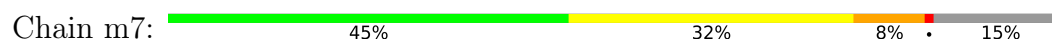
- Molecule 52: 60S ribosomal protein L16-A



- Molecule 53: 60S ribosomal protein L17-A



- Molecule 53: 60S ribosomal protein L17-A

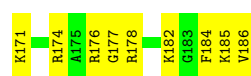


- Molecule 54: 60S ribosomal protein L18-A

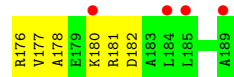
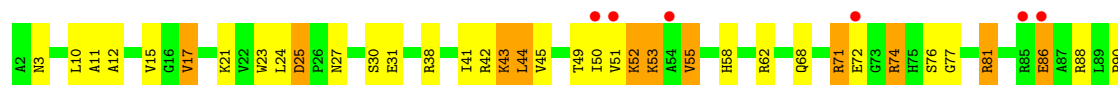




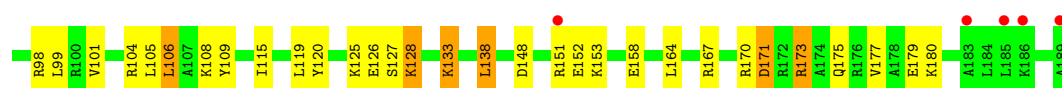
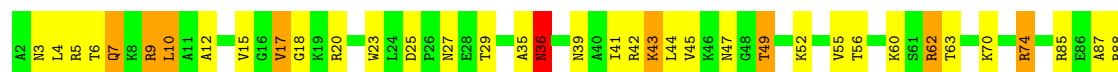
• Molecule 54: 60S ribosomal protein L18-A



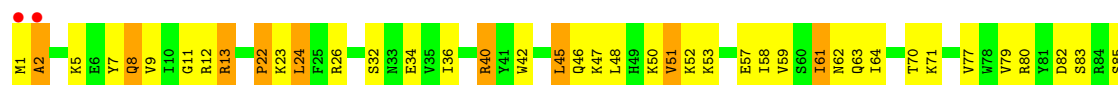
• Molecule 55: 60S ribosomal protein L19-A

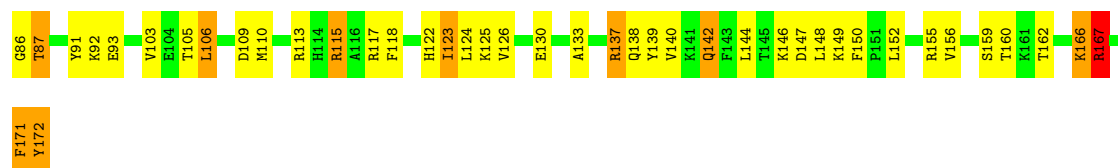


• Molecule 55: 60S ribosomal protein L19-A

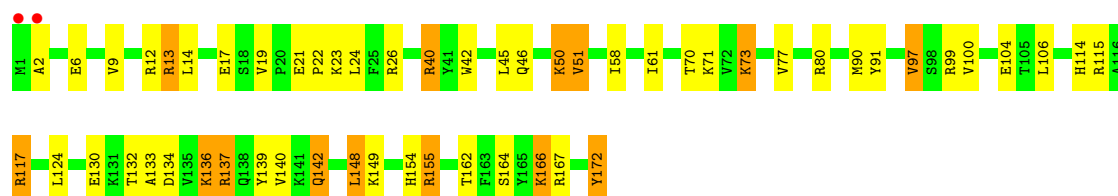


• Molecule 56: 60S ribosomal protein L20-A

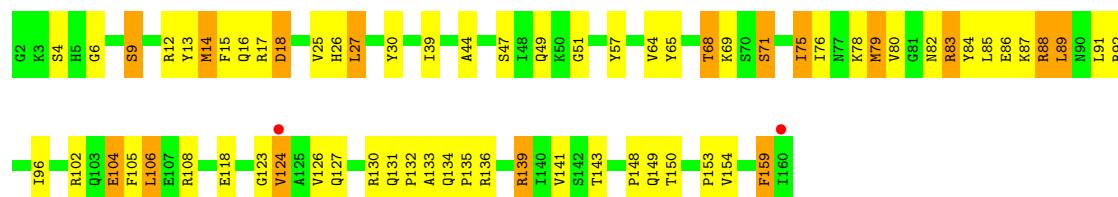




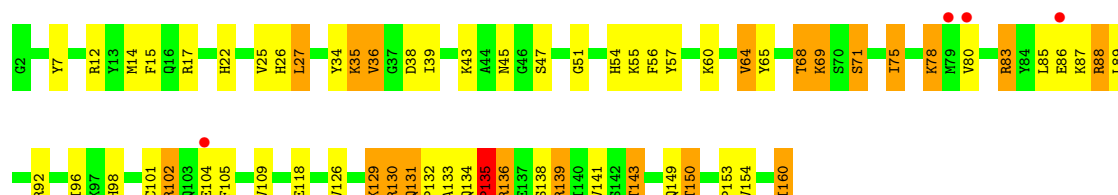
- Molecule 56: 60S ribosomal protein L20-A



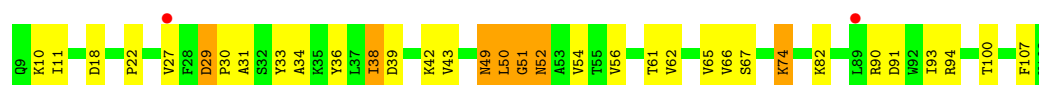
- Molecule 57: 60S ribosomal protein L21-A



- Molecule 57: 60S ribosomal protein L21-A

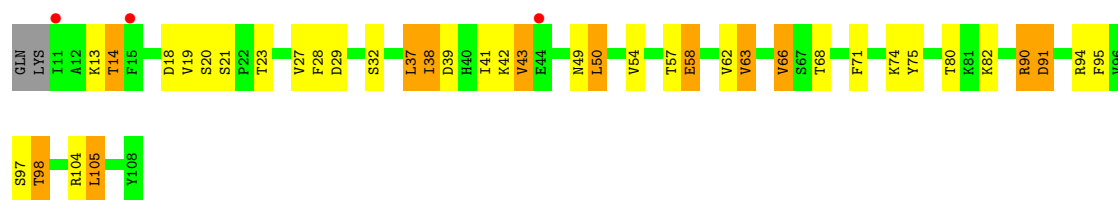


- Molecule 58: 60S ribosomal protein L22-A

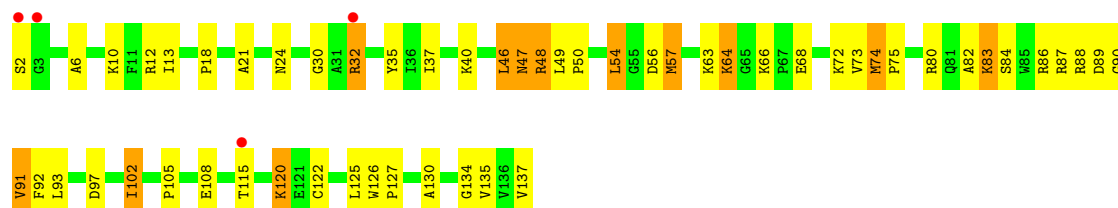


- Molecule 58: 60S ribosomal protein L22-A

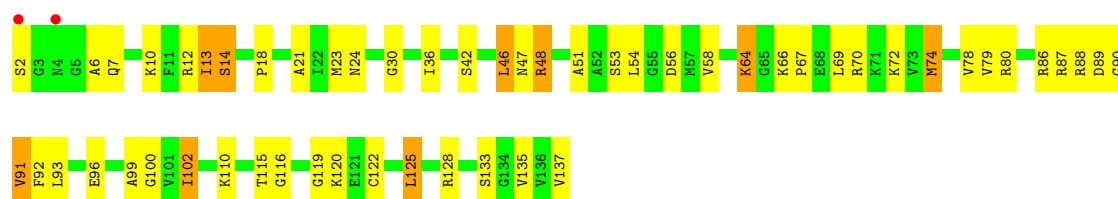




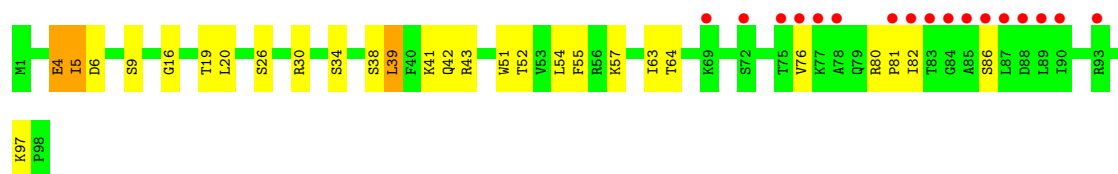
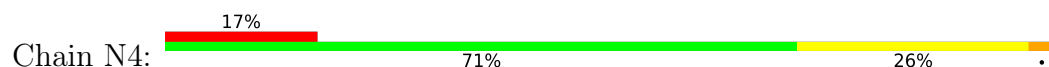
- Molecule 59: 60S ribosomal protein L23-A



- Molecule 59: 60S ribosomal protein L23-A



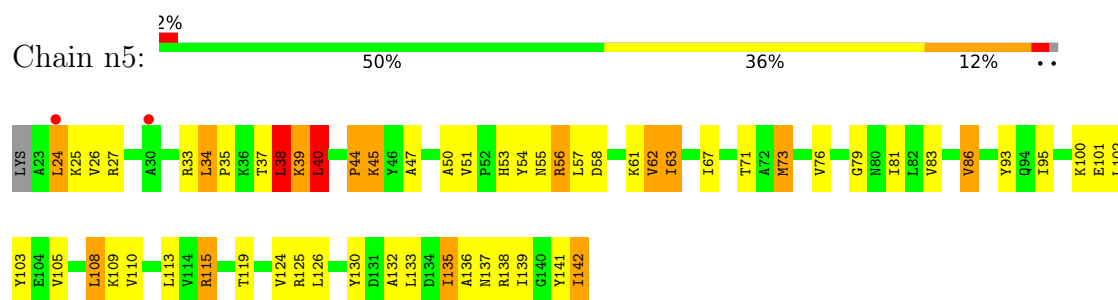
- Molecule 60: 60S ribosomal protein L24-A



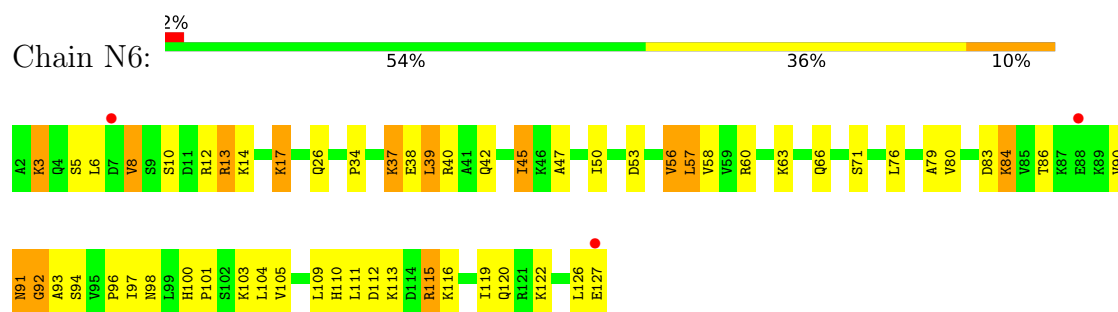
- Molecule 61: 60S ribosomal protein L25



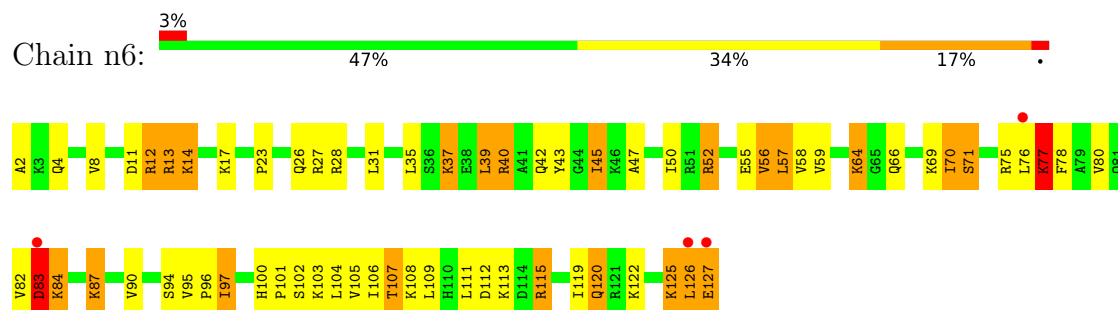
- Molecule 61: 60S ribosomal protein L25



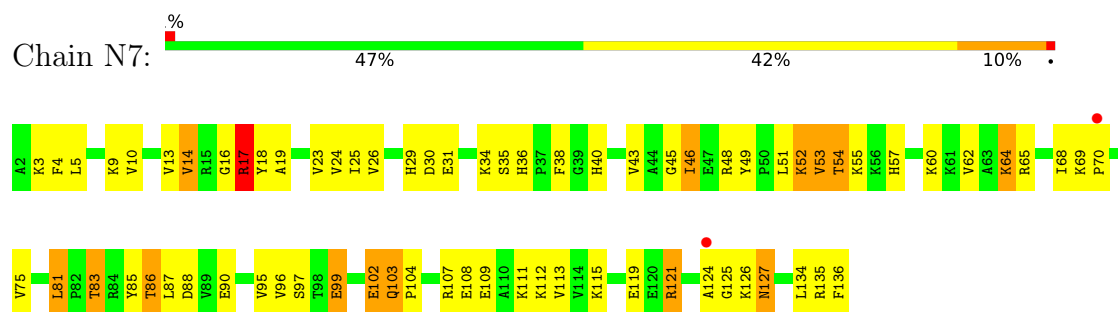
- Molecule 62: 60S ribosomal protein L26-A



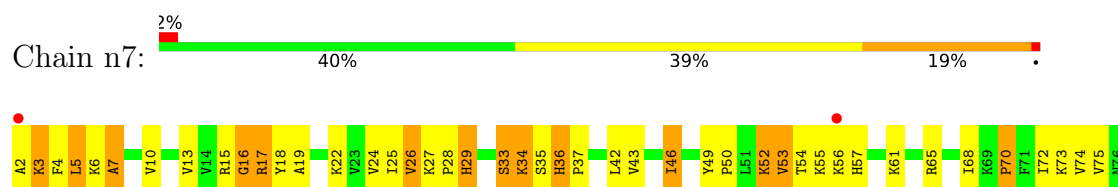
- Molecule 62: 60S ribosomal protein L26-A

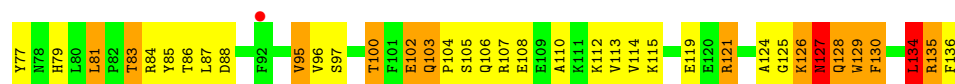


- Molecule 63: 60S ribosomal protein L27-A

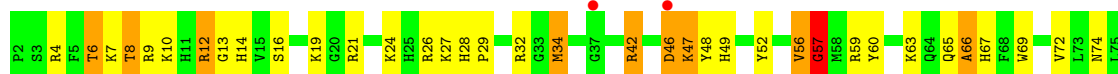


- Molecule 63: 60S ribosomal protein L27-A

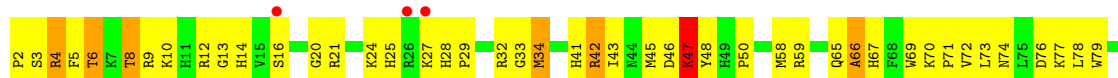




- Molecule 64: 60S ribosomal protein L28



- Molecule 64: 60S ribosomal protein L28



- Molecule 65: 60S ribosomal protein L29



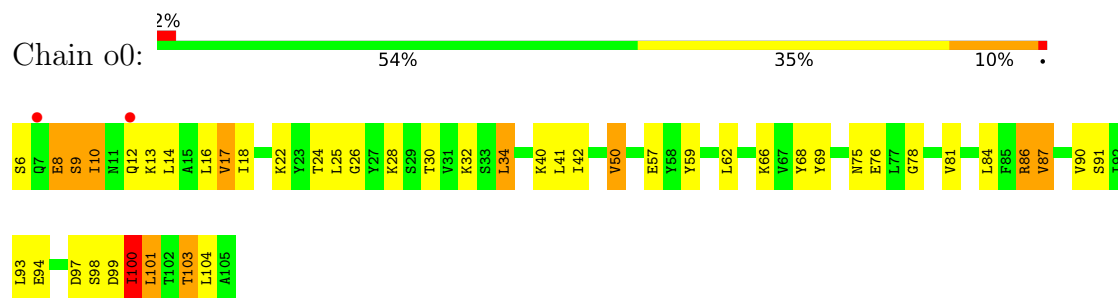
- Molecule 65: 60S ribosomal protein L29



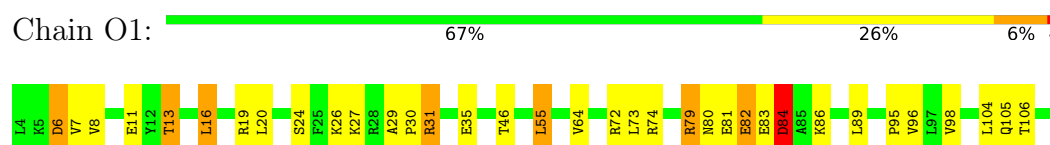
- Molecule 66: 60S ribosomal protein L30



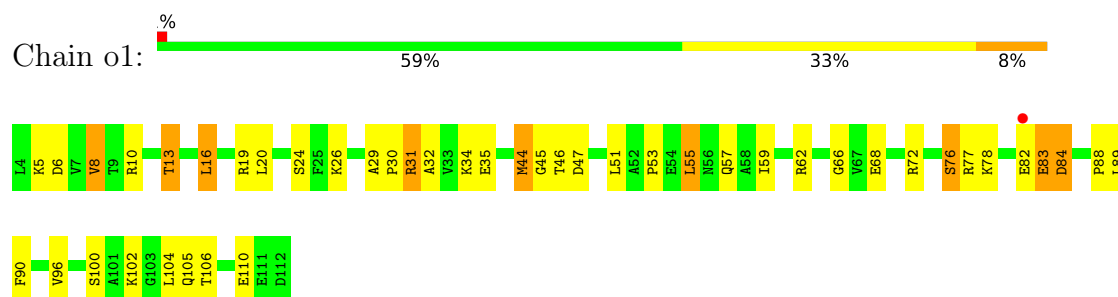
- Molecule 66: 60S ribosomal protein L30



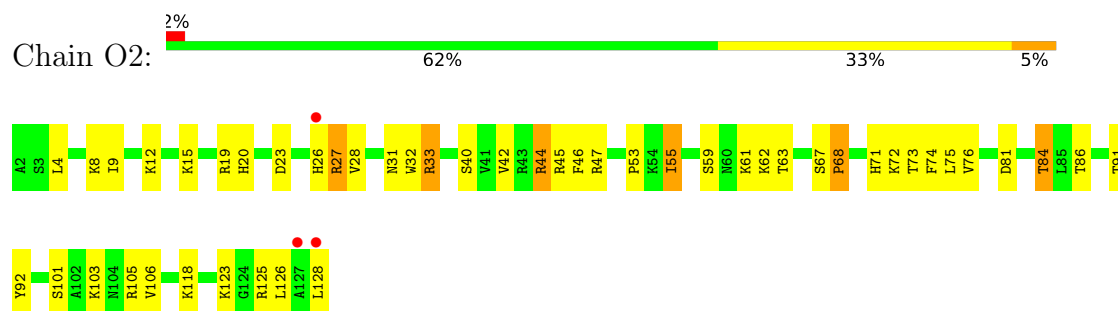
- Molecule 67: 60S ribosomal protein L31-A



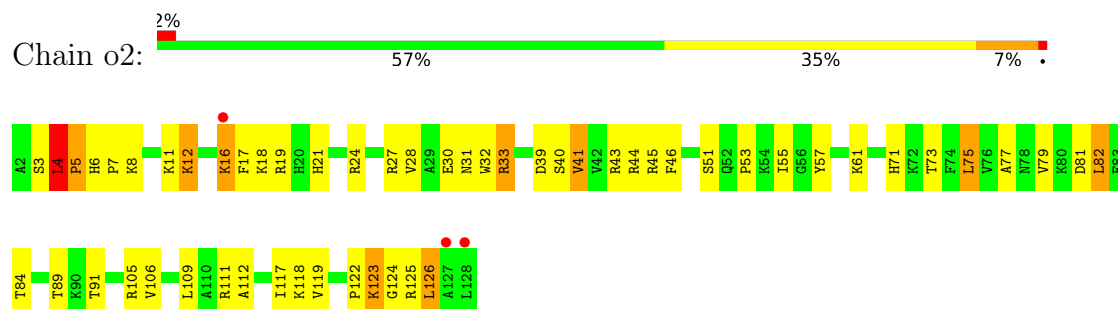
- Molecule 67: 60S ribosomal protein L31-A



- Molecule 68: 60S ribosomal protein L32

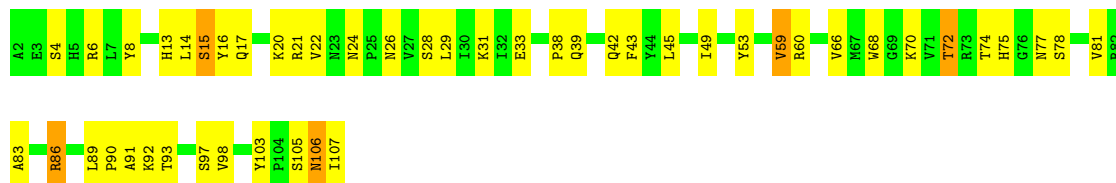


- Molecule 68: 60S ribosomal protein L32



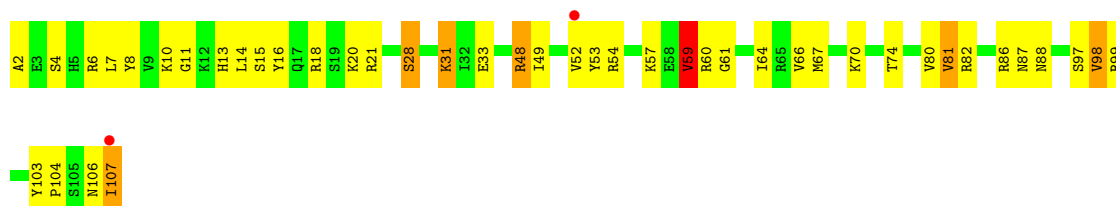
- Molecule 69: 60S ribosomal protein L33-A

Chain O3: 



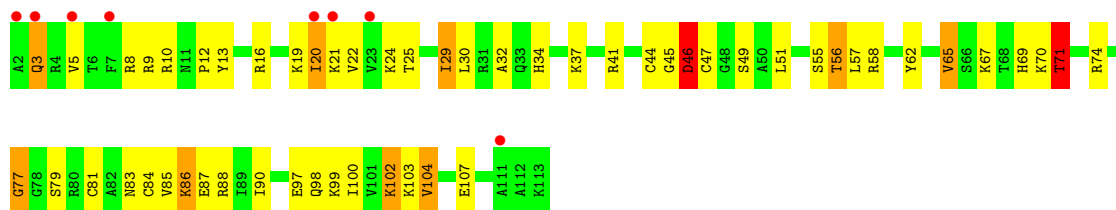
- Molecule 69: 60S ribosomal protein L33-A

Chain o3: 



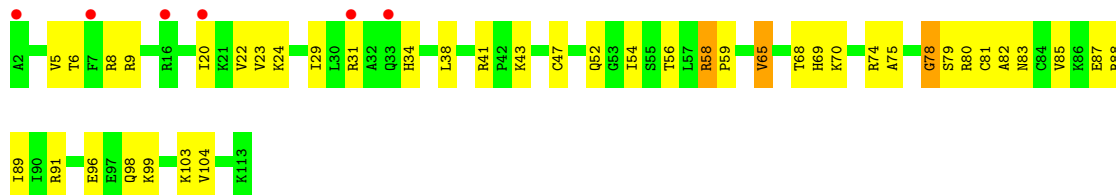
- Molecule 70: 60S ribosomal protein L34-A

Chain O4: 



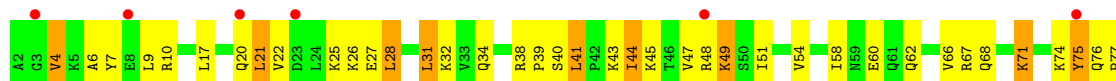
- Molecule 70: 60S ribosomal protein L34-A

Chain o4: 



- Molecule 71: 60S ribosomal protein L35-A

Chain O5: 

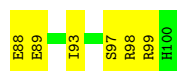
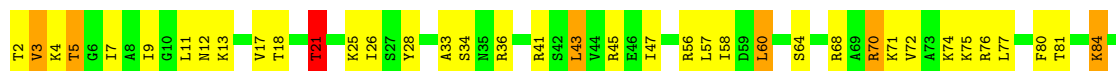




- Molecule 71: 60S ribosomal protein L35-A



- Molecule 72: 60S ribosomal protein L36-A



- Molecule 72: 60S ribosomal protein L36-A



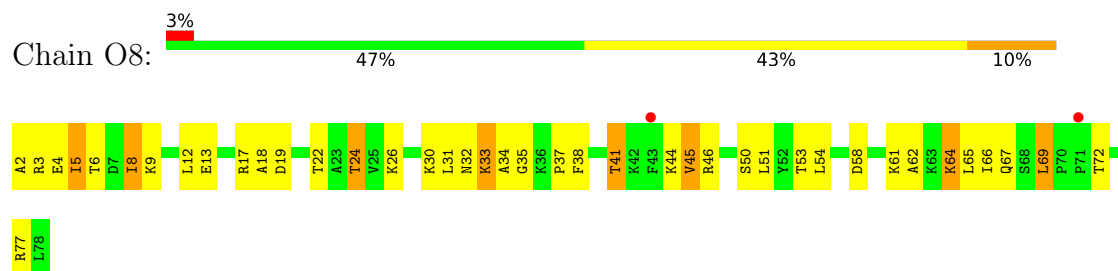
- Molecule 73: 60S ribosomal protein L37-A



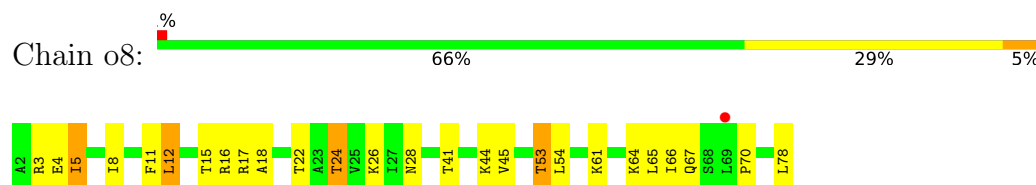
- Molecule 73: 60S ribosomal protein L37-A



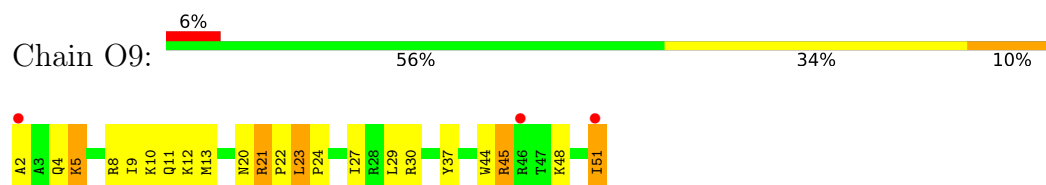
- Molecule 74: 60S ribosomal protein L38



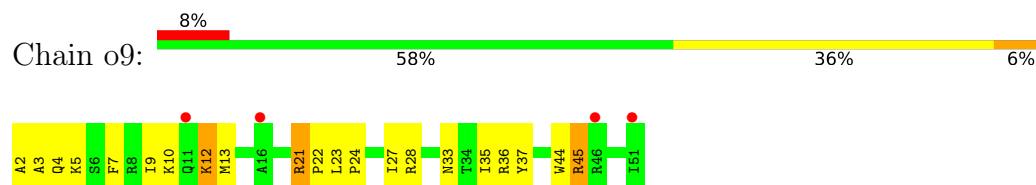
- Molecule 74: 60S ribosomal protein L38



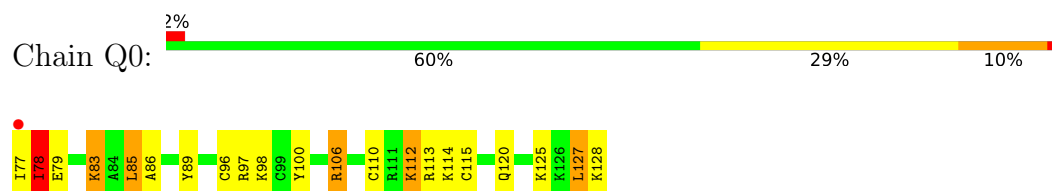
- Molecule 75: 60S ribosomal protein L39



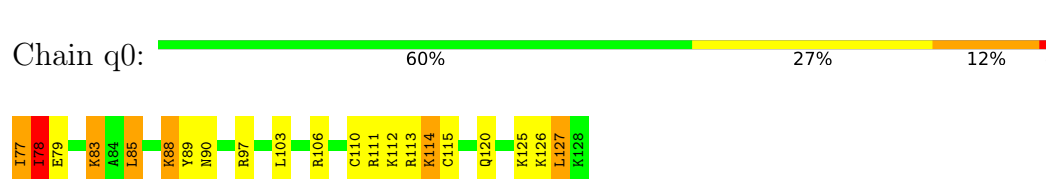
- Molecule 75: 60S ribosomal protein L39



- Molecule 76: Ubiquitin-60S ribosomal protein L40

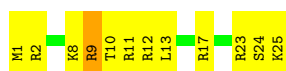


- Molecule 76: Ubiquitin-60S ribosomal protein L40

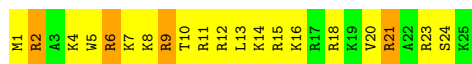


- Molecule 77: 60S ribosomal protein L41-A

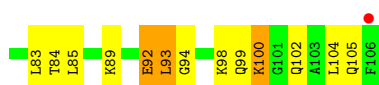
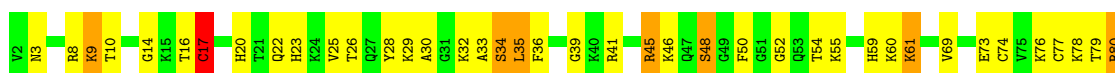




- Molecule 77: 60S ribosomal protein L41-A



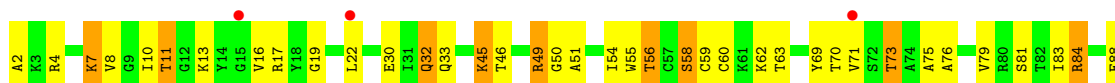
- Molecule 78: 60S ribosomal protein L42-A



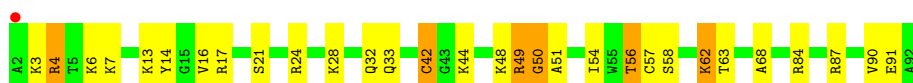
- Molecule 78: 60S ribosomal protein L42-A



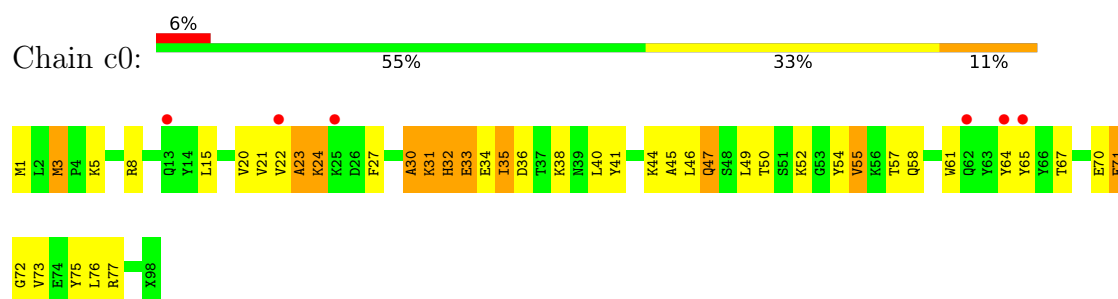
- Molecule 79: 60S ribosomal protein L43-A



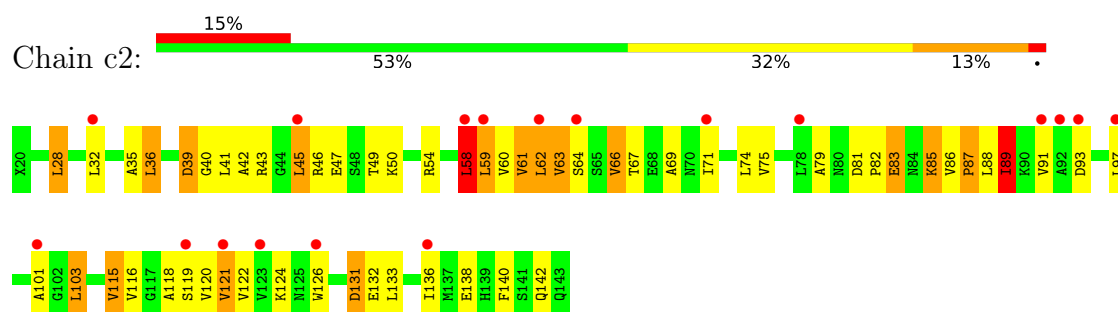
- Molecule 79: 60S ribosomal protein L43-A



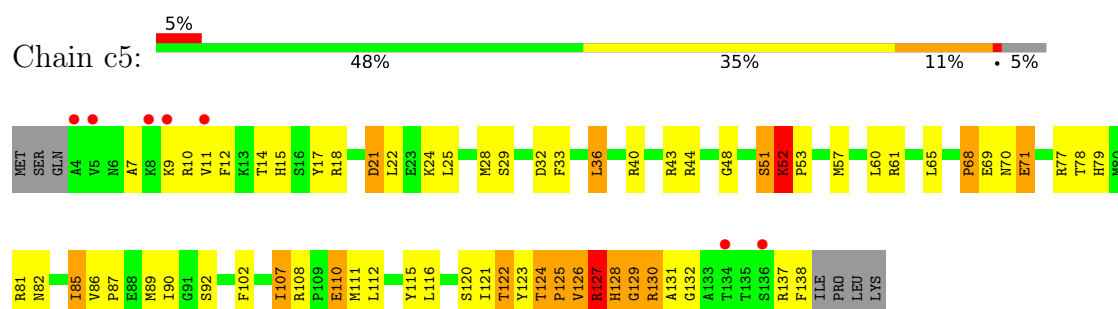
- Molecule 80: 40S ribosomal protein S10-A,40S ribosomal protein S10-A,40S Ribosomal Protein S10



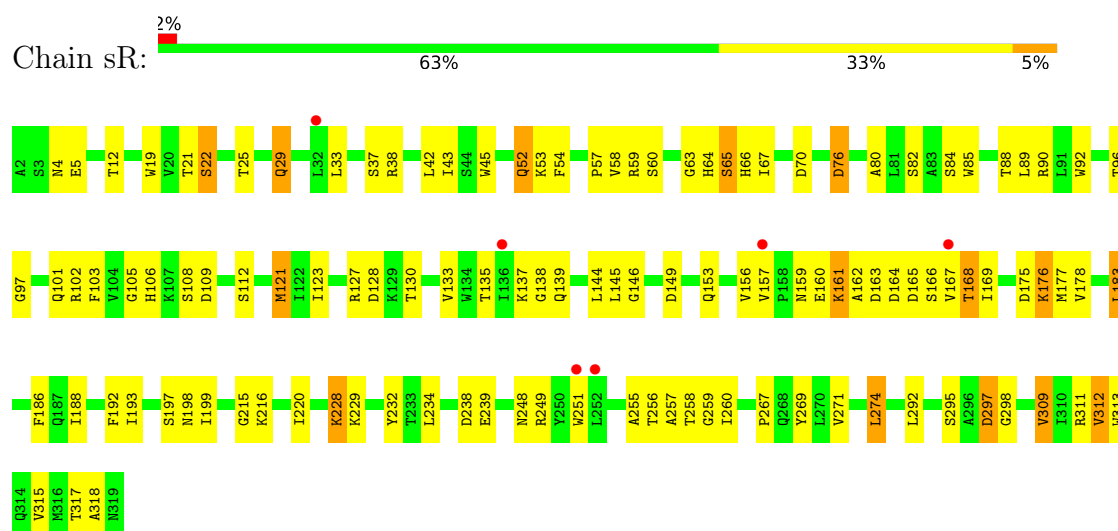
- Molecule 81: 40S Ribosomal Protein S12



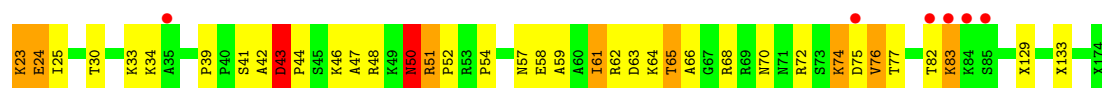
- Molecule 82: 40S ribosomal protein S15



- Molecule 83: Guanine nucleotide-binding protein subunit beta-like protein



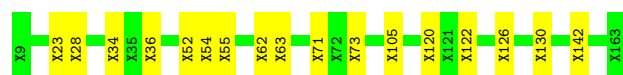
- Molecule 84: Suppressor protein STM1,Suppressor protein STM1,Ribosome-bound protein Stm1



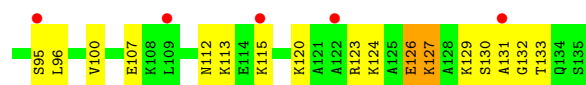
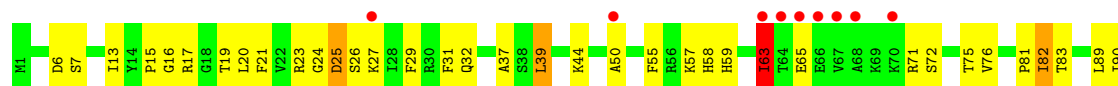
- Molecule 85: 60S ribosomal protein L8-A,60S ribosomal protein L8-A,60S Ribosomal Protein L8



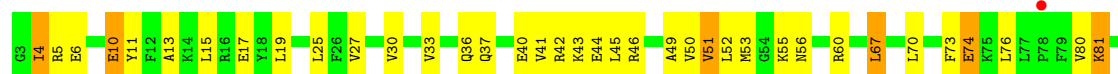
- Molecule 86: 60S Ribosomal Protein L12

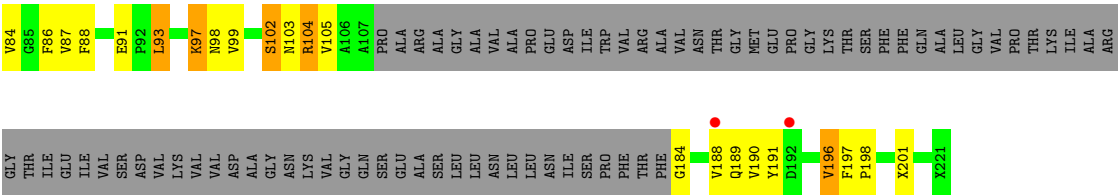


- Molecule 87: 60S ribosomal protein L24-A

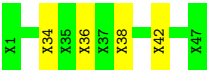
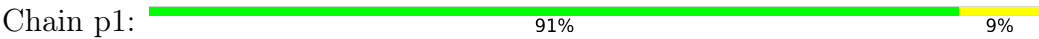


- Molecule 88: 60S acidic ribosomal protein P0,60S acidic ribosomal protein P0,60S Ribosomal Protein P0

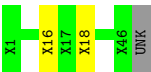




● Molecule 89: 60S Ribosomal Protein P1/2



● Molecule 89: 60S Ribosomal Protein P1/2



● Molecule 90: aminoacyl-tRNA fragment ACCPmn



● Molecule 90: aminoacyl-tRNA fragment ACCPmn



4 Data and refinement statistics

| Property | Value | Source |
|---|---|------------------|
| Space group | P 1 21 1 | Depositor |
| Cell constants a, b, c, α , β , γ | 436.18Å 288.24Å 303.58Å 90.00° 98.87° 90.00° | Depositor |
| Resolution (Å) | 172.59 – 3.25 172.59 – 3.25 | Depositor EDS |
| % Data completeness (in resolution range) | 99.9 (172.59-3.25) 99.9 (172.59-3.25) | Depositor EDS |
| R_{merge} | 0.42 | Depositor |
| R_{sym} | (Not available) | Depositor |
| $\langle I/\sigma(I) \rangle$ ¹ | 1.39 (at 3.26Å) | Xtriage |
| Refinement program | PHENIX 1.10.1_2155 | Depositor |
| R, R_{free} | 0.208 , 0.249 0.208 , 0.249 | Depositor DCC |
| R_{free} test set | 23194 reflections (2.00%) | wwPDB-VP |
| Wilson B-factor (Å ²) | 90.1 | Xtriage |
| Anisotropy | 0.116 | Xtriage |
| Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²) | 0.32 , 67.2 | EDS |
| L-test for twinning ² | $\langle L \rangle = 0.48$, $\langle L^2 \rangle = 0.30$ | Xtriage |
| Estimated twinning fraction | No twinning to report. | Xtriage |
| F_o, F_c correlation | 0.92 | EDS |
| Total number of atoms | 414290 | wwPDB-VP |
| Average B, all atoms (Å ²) | 86.0 | wwPDB-VP |

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.59% 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.

5 Model quality ⓘ

5.1 Standard geometry ⓘ

Bond lengths and bond angles in the following residue types are not validated in this section: PPU, MG, OHX, ZN

The Z score for a bond length (or angle) is the number of standard deviations the observed value is removed from the expected value. A bond length (or angle) with $|Z| > 5$ is considered an outlier worth inspection. RMSZ is the root-mean-square of all Z scores of the bond lengths (or angles).

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|---------------|-------------|----------------|
| | | RMSZ | # $ Z > 5$ | RMSZ | # $ Z > 5$ |
| 1 | 2 | 0.32 | 0/42468 | 0.53 | 1/66173 (0.0%) |
| 1 | 6 | 0.36 | 0/42790 | 0.55 | 1/66673 (0.0%) |
| 2 | S0 | 0.35 | 1/1617 (0.1%) | 0.56 | 0/2215 |
| 2 | s0 | 0.35 | 0/1623 | 0.62 | 0/2222 |
| 3 | S1 | 0.26 | 0/1735 | 0.59 | 0/2335 |
| 3 | s1 | 0.32 | 0/1748 | 0.57 | 0/2352 |
| 4 | S2 | 0.32 | 0/1665 | 0.55 | 0/2263 |
| 4 | s2 | 0.40 | 0/1665 | 0.63 | 0/2263 |
| 5 | S3 | 0.30 | 0/1759 | 0.54 | 0/2368 |
| 5 | s3 | 0.30 | 0/1759 | 0.54 | 0/2368 |
| 6 | S4 | 0.32 | 0/2109 | 0.64 | 0/2839 |
| 6 | s4 | 0.37 | 1/2109 (0.0%) | 0.64 | 1/2839 (0.0%) |
| 7 | S5 | 0.28 | 0/1629 | 0.56 | 0/2202 |
| 7 | s5 | 0.29 | 0/1629 | 0.57 | 0/2202 |
| 8 | S6 | 0.31 | 0/1823 | 0.55 | 0/2439 |
| 8 | s6 | 0.35 | 0/1779 | 0.63 | 0/2379 |
| 9 | S7 | 0.31 | 0/1506 | 0.63 | 0/2028 |
| 9 | s7 | 0.32 | 0/1516 | 0.62 | 0/2043 |
| 10 | S8 | 0.36 | 0/1514 | 0.59 | 0/2021 |
| 10 | s8 | 0.39 | 0/1514 | 0.65 | 0/2021 |
| 11 | S9 | 0.31 | 0/1519 | 0.58 | 0/2035 |
| 11 | s9 | 0.37 | 0/1519 | 0.61 | 0/2035 |
| 12 | C0 | 0.25 | 0/725 | 0.56 | 0/978 |
| 13 | C1 | 0.34 | 0/1195 | 0.59 | 0/1612 |
| 13 | c1 | 0.40 | 0/1194 | 0.64 | 0/1610 |
| 14 | C2 | 0.30 | 0/898 | 0.66 | 0/1220 |
| 15 | C3 | 0.32 | 0/1215 | 0.60 | 3/1638 (0.2%) |
| 15 | c3 | 0.34 | 0/1215 | 0.63 | 0/1638 |
| 16 | C4 | 0.32 | 1/901 (0.1%) | 0.59 | 0/1217 |
| 16 | c4 | 0.34 | 0/960 | 0.62 | 0/1290 |
| 17 | C5 | 0.34 | 0/998 | 0.61 | 0/1341 |
| 18 | C6 | 0.32 | 0/1125 | 0.67 | 3/1510 (0.2%) |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|----------------|-------------|-----------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| 18 | c6 | 0.30 | 0/1131 | 0.61 | 1/1518 (0.1%) |
| 19 | C7 | 0.35 | 0/935 | 0.67 | 2/1254 (0.2%) |
| 19 | c7 | 0.29 | 0/914 | 0.64 | 0/1224 |
| 20 | C8 | 0.31 | 0/1211 | 0.64 | 1/1628 (0.1%) |
| 20 | c8 | 0.32 | 0/1211 | 0.59 | 0/1628 |
| 21 | C9 | 0.31 | 0/1130 | 0.59 | 0/1517 |
| 21 | c9 | 0.30 | 0/1130 | 0.54 | 0/1517 |
| 22 | D0 | 0.34 | 0/865 | 0.55 | 0/1169 |
| 22 | d0 | 0.32 | 0/892 | 0.62 | 0/1205 |
| 23 | D1 | 0.29 | 0/693 | 0.57 | 0/935 |
| 23 | d1 | 0.37 | 0/693 | 0.56 | 0/935 |
| 24 | D2 | 0.33 | 0/1038 | 0.60 | 0/1395 |
| 24 | d2 | 0.39 | 0/1038 | 0.63 | 0/1395 |
| 25 | D3 | 0.38 | 0/1139 | 0.65 | 0/1518 |
| 25 | d3 | 0.44 | 0/1139 | 0.68 | 0/1518 |
| 26 | D4 | 0.31 | 0/1087 | 0.56 | 0/1449 |
| 26 | d4 | 0.37 | 0/1087 | 0.66 | 0/1449 |
| 27 | D5 | 0.27 | 0/571 | 0.71 | 0/768 |
| 27 | d5 | 0.28 | 0/566 | 0.53 | 0/761 |
| 28 | D6 | 0.32 | 0/782 | 0.72 | 1/1047 (0.1%) |
| 28 | d6 | 0.38 | 0/782 | 0.64 | 0/1047 |
| 29 | D7 | 0.28 | 0/620 | 0.54 | 0/838 |
| 29 | d7 | 0.30 | 0/620 | 0.58 | 0/838 |
| 30 | D8 | 0.26 | 0/499 | 0.56 | 0/670 |
| 30 | d8 | 0.29 | 0/499 | 0.59 | 0/670 |
| 31 | D9 | 0.34 | 0/452 | 0.60 | 0/600 |
| 31 | d9 | 0.35 | 0/452 | 0.62 | 0/600 |
| 32 | E0 | 0.31 | 0/483 | 0.56 | 0/643 |
| 32 | e0 | 0.35 | 0/499 | 0.71 | 0/665 |
| 33 | E1 | 0.32 | 0/577 | 0.81 | 0/770 |
| 33 | e1 | 0.35 | 0/619 | 0.84 | 2/822 (0.2%) |
| 34 | SR | 0.25 | 0/2490 | 0.48 | 0/3389 |
| 35 | SM | 0.37 | 0/984 | 0.66 | 0/1323 |
| 36 | 1 | 0.44 | 0/75394 | 0.62 | 8/117545 (0.0%) |
| 36 | 5 | 0.46 | 1/75414 (0.0%) | 0.63 | 7/117575 (0.0%) |
| 37 | 3 | 0.39 | 0/2883 | 0.56 | 0/4491 |
| 37 | 7 | 0.45 | 0/2883 | 0.63 | 0/4491 |
| 38 | 4 | 0.44 | 0/3746 | 0.60 | 0/5832 |
| 38 | 8 | 0.42 | 0/3746 | 0.58 | 0/5832 |
| 39 | L2 | 0.46 | 1/1948 (0.1%) | 0.68 | 0/2617 |
| 39 | l2 | 0.47 | 0/1946 | 0.76 | 2/2614 (0.1%) |
| 40 | L3 | 0.45 | 0/3146 | 0.69 | 0/4228 |
| 40 | l3 | 0.50 | 0/3146 | 0.71 | 0/4228 |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|---------------|-------------|---------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| 41 | L4 | 0.49 | 0/2800 | 0.74 | 0/3790 |
| 41 | l4 | 0.45 | 0/2800 | 0.71 | 0/3790 |
| 42 | L5 | 0.35 | 0/2425 | 0.61 | 0/3271 |
| 42 | l5 | 0.48 | 1/2408 (0.0%) | 0.65 | 0/3248 |
| 43 | L6 | 0.44 | 0/1260 | 0.67 | 0/1694 |
| 43 | l6 | 0.45 | 0/1269 | 0.71 | 0/1705 |
| 44 | L7 | 0.49 | 0/1821 | 0.71 | 0/2451 |
| 44 | l7 | 0.51 | 0/1828 | 0.68 | 1/2461 (0.0%) |
| 45 | L8 | 0.35 | 0/1836 | 0.58 | 0/2481 |
| 46 | L9 | 0.41 | 0/1539 | 0.65 | 0/2073 |
| 46 | l9 | 0.48 | 0/1539 | 0.70 | 0/2073 |
| 47 | M0 | 0.50 | 0/1741 | 0.67 | 0/2335 |
| 47 | m0 | 0.53 | 0/1758 | 0.72 | 0/2358 |
| 48 | M1 | 0.34 | 0/1374 | 0.62 | 1/1842 (0.1%) |
| 48 | m1 | 0.47 | 0/1374 | 0.68 | 0/1842 |
| 49 | M3 | 0.50 | 0/1568 | 0.71 | 0/2106 |
| 49 | m3 | 0.44 | 0/1573 | 0.71 | 0/2113 |
| 50 | M4 | 0.45 | 0/1068 | 0.68 | 0/1438 |
| 50 | m4 | 0.49 | 0/1074 | 0.64 | 0/1446 |
| 51 | M5 | 0.47 | 0/1757 | 0.71 | 0/2354 |
| 51 | m5 | 0.41 | 0/1757 | 0.65 | 0/2354 |
| 52 | M6 | 0.51 | 0/1585 | 0.68 | 0/2128 |
| 52 | m6 | 0.57 | 0/1585 | 0.72 | 0/2128 |
| 53 | M7 | 0.48 | 0/1443 | 0.69 | 0/1944 |
| 53 | m7 | 0.55 | 0/1250 | 0.74 | 0/1683 |
| 54 | M8 | 0.47 | 0/1465 | 0.70 | 0/1965 |
| 54 | m8 | 0.46 | 0/1465 | 0.74 | 1/1965 (0.1%) |
| 55 | M9 | 0.36 | 0/1538 | 0.57 | 0/2050 |
| 55 | m9 | 0.37 | 0/1538 | 0.55 | 0/2050 |
| 56 | N0 | 0.45 | 0/1481 | 0.65 | 0/1990 |
| 56 | n0 | 0.49 | 0/1481 | 0.69 | 0/1990 |
| 57 | N1 | 0.43 | 0/1300 | 0.66 | 0/1743 |
| 57 | n1 | 0.49 | 0/1300 | 0.68 | 0/1743 |
| 58 | N2 | 0.28 | 0/812 | 0.51 | 0/1099 |
| 58 | n2 | 0.30 | 0/794 | 0.54 | 0/1076 |
| 59 | N3 | 0.48 | 0/1018 | 0.72 | 0/1369 |
| 59 | n3 | 0.54 | 0/1018 | 0.75 | 0/1369 |
| 60 | N4 | 0.44 | 0/712 | 0.64 | 0/958 |
| 61 | N5 | 0.40 | 0/979 | 0.62 | 0/1321 |
| 61 | n5 | 0.38 | 0/974 | 0.62 | 0/1314 |
| 62 | N6 | 0.44 | 0/1004 | 0.73 | 0/1341 |
| 62 | n6 | 0.43 | 0/1004 | 0.69 | 0/1341 |
| 63 | N7 | 0.34 | 0/1118 | 0.58 | 0/1497 |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|---------------|-------------|---------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| 63 | n7 | 0.39 | 1/1118 (0.1%) | 0.58 | 0/1497 |
| 64 | N8 | 0.45 | 0/1204 | 0.74 | 3/1612 (0.2%) |
| 64 | n8 | 0.49 | 1/1204 (0.1%) | 0.69 | 0/1612 |
| 65 | N9 | 0.47 | 0/473 | 0.68 | 0/629 |
| 65 | n9 | 0.51 | 0/473 | 0.89 | 0/629 |
| 66 | O0 | 0.31 | 0/751 | 0.50 | 0/1008 |
| 66 | o0 | 0.34 | 0/775 | 0.53 | 0/1040 |
| 67 | O1 | 0.40 | 0/890 | 0.59 | 0/1196 |
| 67 | o1 | 0.49 | 0/897 | 0.66 | 0/1205 |
| 68 | O2 | 0.51 | 0/1041 | 0.73 | 0/1394 |
| 68 | o2 | 0.51 | 0/1041 | 0.72 | 0/1394 |
| 69 | O3 | 0.57 | 0/868 | 0.70 | 0/1168 |
| 69 | o3 | 0.55 | 0/868 | 0.68 | 0/1168 |
| 70 | O4 | 0.42 | 0/890 | 0.62 | 0/1189 |
| 70 | o4 | 0.39 | 0/890 | 0.62 | 0/1189 |
| 71 | O5 | 0.43 | 0/978 | 0.65 | 0/1301 |
| 71 | o5 | 0.36 | 0/974 | 0.58 | 0/1297 |
| 72 | O6 | 0.39 | 0/778 | 0.65 | 0/1034 |
| 72 | o6 | 0.34 | 0/777 | 0.61 | 0/1033 |
| 73 | O7 | 0.46 | 0/696 | 0.70 | 0/923 |
| 73 | o7 | 0.46 | 0/696 | 0.69 | 0/923 |
| 74 | O8 | 0.30 | 0/618 | 0.50 | 0/826 |
| 74 | o8 | 0.32 | 0/614 | 0.48 | 0/822 |
| 75 | O9 | 0.50 | 0/443 | 0.72 | 0/588 |
| 75 | o9 | 0.49 | 0/443 | 0.71 | 0/588 |
| 76 | Q0 | 0.46 | 0/423 | 0.67 | 0/562 |
| 76 | q0 | 0.58 | 0/423 | 0.74 | 0/562 |
| 77 | Q1 | 0.44 | 0/234 | 0.63 | 0/300 |
| 77 | q1 | 0.59 | 0/234 | 0.71 | 0/300 |
| 78 | Q2 | 0.54 | 1/860 (0.1%) | 0.68 | 0/1136 |
| 78 | q2 | 0.53 | 1/860 (0.1%) | 0.73 | 1/1136 (0.1%) |
| 79 | Q3 | 0.44 | 0/701 | 0.70 | 0/934 |
| 79 | q3 | 0.47 | 0/701 | 0.68 | 0/934 |
| 80 | c0 | 0.25 | 0/693 | 0.55 | 0/933 |
| 81 | c2 | 0.24 | 0/824 | 0.57 | 0/1116 |
| 82 | c5 | 0.37 | 0/1060 | 0.66 | 0/1426 |
| 83 | sR | 0.24 | 0/2495 | 0.46 | 0/3395 |
| 84 | sM | 0.39 | 0/481 | 0.60 | 0/644 |
| 85 | l8 | 0.35 | 0/1765 | 0.58 | 0/2387 |
| 87 | n4 | 0.46 | 0/1052 | 0.66 | 0/1398 |
| 88 | p0 | 0.28 | 0/977 | 0.55 | 0/1313 |
| 90 | A | 0.38 | 0/43 | 0.57 | 0/64 |
| 90 | a | 0.44 | 0/43 | 0.75 | 0/64 |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|------------------|-------------|------------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| All | All | 0.41 | 10/430203 (0.0%) | 0.61 | 40/631685 (0.0%) |

Chiral center outliers are detected by calculating the chiral volume of a chiral center and verifying if the center is modelled as a planar moiety or with the opposite hand. A planarity outlier is detected by checking planarity of atoms in a peptide group, atoms in a mainchain group or atoms of a sidechain that are expected to be planar.

| Mol | Chain | #Chirality outliers | #Planarity outliers |
|-----|-------|---------------------|---------------------|
| 3 | S1 | 0 | 1 |
| 6 | S4 | 0 | 1 |
| 7 | s5 | 0 | 2 |
| 9 | S7 | 0 | 1 |
| 10 | s8 | 0 | 1 |
| 11 | s9 | 0 | 1 |
| 13 | c1 | 0 | 1 |
| 18 | c6 | 0 | 1 |
| 19 | C7 | 0 | 2 |
| 22 | d0 | 0 | 1 |
| 24 | D2 | 0 | 1 |
| 25 | D3 | 0 | 1 |
| 25 | d3 | 0 | 1 |
| 27 | D5 | 0 | 2 |
| 27 | d5 | 0 | 1 |
| 28 | D6 | 0 | 2 |
| 33 | E1 | 0 | 1 |
| 33 | e1 | 0 | 1 |
| 39 | L2 | 0 | 1 |
| 39 | l2 | 0 | 3 |
| 40 | L3 | 0 | 1 |
| 40 | l3 | 0 | 1 |
| 42 | l5 | 0 | 2 |
| 43 | L6 | 0 | 2 |
| 44 | l7 | 0 | 2 |
| 45 | L8 | 0 | 1 |
| 49 | M3 | 0 | 1 |
| 50 | m4 | 0 | 1 |
| 52 | M6 | 0 | 1 |
| 52 | m6 | 0 | 1 |
| 53 | M7 | 0 | 1 |
| 53 | m7 | 0 | 1 |
| 56 | N0 | 0 | 2 |
| 56 | n0 | 0 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Chain | #Chirality outliers | #Planarity outliers |
|-----|-------|---------------------|---------------------|
| 57 | N1 | 0 | 1 |
| 61 | N5 | 0 | 1 |
| 63 | n7 | 0 | 1 |
| 64 | n8 | 0 | 1 |
| 65 | N9 | 0 | 2 |
| 65 | n9 | 0 | 2 |
| 68 | o2 | 0 | 1 |
| 70 | O4 | 0 | 1 |
| 82 | c5 | 0 | 1 |
| 87 | n4 | 0 | 1 |
| All | All | 0 | 56 |

The worst 5 of 10 bond length outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(Å) | Ideal(Å) |
|-----|-------|-----|------|-------|-------|-------------|----------|
| 63 | n7 | 36 | HIS | C-N | 7.63 | 1.51 | 1.33 |
| 78 | Q2 | 17 | CYS | CB-SG | 7.60 | 2.06 | 1.81 |
| 2 | S0 | 95 | ALA | C-N | 7.48 | 1.49 | 1.33 |
| 42 | l5 | 179 | ARG | C-N | -7.30 | 1.18 | 1.33 |
| 78 | q2 | 17 | CYS | CB-SG | 6.47 | 2.02 | 1.81 |

The worst 5 of 40 bond angle outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(°) | Ideal(°) |
|-----|-------|------|------|-------------|-------|-------------|----------|
| 36 | 1 | 637 | C | C4'-C3'-O3' | 7.56 | 120.74 | 109.40 |
| 36 | 5 | 1307 | G | C2'-C3'-O3' | 7.45 | 120.67 | 109.50 |
| 19 | C7 | 84 | TYR | CA-C-N | 7.03 | 135.13 | 122.13 |
| 19 | C7 | 84 | TYR | C-N-CA | 7.03 | 135.13 | 122.13 |
| 39 | l2 | 14 | SER | CB-CA-C | -6.84 | 107.93 | 117.23 |

There are no chirality outliers.

5 of 56 planarity outliers are listed below:

| Mol | Chain | Res | Type | Group |
|-----|-------|-----|------|---------|
| 19 | C7 | 22 | PRO | Peptide |
| 19 | C7 | 85 | VAL | Peptide |
| 3 | S1 | 131 | ASP | Peptide |
| 6 | S4 | 193 | GLY | Peptide |
| 9 | S7 | 131 | PHE | Peptide |

5.2 Too-close contacts

In the following table, the Non-H and H(model) columns list the number of non-hydrogen atoms and hydrogen atoms in the chain respectively. The H(added) column lists the number of hydrogen atoms added and optimized by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, whereas Symm-Clashes lists symmetry-related clashes.

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 1 | 2 | 37970 | 0 | 19102 | 860 | 1 |
| 1 | 6 | 38260 | 0 | 19246 | 852 | 0 |
| 2 | S0 | 1577 | 0 | 1567 | 77 | 0 |
| 2 | s0 | 1583 | 0 | 1578 | 78 | 0 |
| 3 | S1 | 1709 | 0 | 1784 | 110 | 0 |
| 3 | s1 | 1722 | 0 | 1793 | 73 | 0 |
| 4 | S2 | 1635 | 0 | 1723 | 67 | 0 |
| 4 | s2 | 1635 | 0 | 1723 | 63 | 0 |
| 5 | S3 | 1734 | 0 | 1817 | 67 | 0 |
| 5 | s3 | 1734 | 0 | 1817 | 56 | 0 |
| 6 | S4 | 2068 | 0 | 2154 | 75 | 0 |
| 6 | s4 | 2068 | 0 | 2154 | 87 | 0 |
| 7 | S5 | 1609 | 0 | 1675 | 60 | 0 |
| 7 | s5 | 1609 | 0 | 1675 | 69 | 0 |
| 8 | S6 | 1799 | 0 | 1879 | 71 | 0 |
| 8 | s6 | 1755 | 0 | 1845 | 61 | 0 |
| 9 | S7 | 1481 | 0 | 1572 | 72 | 0 |
| 9 | s7 | 1491 | 0 | 1578 | 49 | 0 |
| 10 | S8 | 1489 | 0 | 1525 | 55 | 0 |
| 10 | s8 | 1489 | 0 | 1525 | 57 | 0 |
| 11 | S9 | 1494 | 0 | 1573 | 70 | 0 |
| 11 | s9 | 1494 | 0 | 1573 | 94 | 0 |
| 12 | C0 | 773 | 0 | 715 | 38 | 0 |
| 13 | C1 | 1214 | 0 | 1244 | 45 | 0 |
| 13 | c1 | 1168 | 0 | 1230 | 39 | 0 |
| 14 | C2 | 890 | 0 | 887 | 39 | 0 |
| 15 | C3 | 1192 | 0 | 1255 | 39 | 0 |
| 15 | c3 | 1192 | 0 | 1255 | 44 | 0 |
| 16 | C4 | 891 | 0 | 883 | 42 | 0 |
| 16 | c4 | 949 | 0 | 985 | 44 | 0 |
| 17 | C5 | 977 | 0 | 1002 | 46 | 0 |
| 18 | C6 | 1105 | 0 | 1166 | 60 | 0 |
| 18 | c6 | 1111 | 0 | 1171 | 50 | 0 |
| 19 | C7 | 926 | 0 | 930 | 47 | 0 |
| 19 | c7 | 906 | 0 | 909 | 31 | 0 |
| 20 | C8 | 1192 | 0 | 1222 | 63 | 0 |
| 20 | c8 | 1192 | 0 | 1222 | 49 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 21 | C9 | 1112 | 0 | 1124 | 49 | 0 |
| 21 | c9 | 1112 | 0 | 1124 | 39 | 0 |
| 22 | D0 | 855 | 0 | 917 | 42 | 0 |
| 22 | d0 | 882 | 0 | 939 | 39 | 0 |
| 23 | D1 | 684 | 0 | 672 | 30 | 0 |
| 23 | d1 | 684 | 0 | 672 | 32 | 0 |
| 24 | D2 | 1021 | 0 | 1060 | 42 | 0 |
| 24 | d2 | 1021 | 0 | 1060 | 45 | 0 |
| 25 | D3 | 1121 | 0 | 1196 | 43 | 0 |
| 25 | d3 | 1121 | 0 | 1196 | 30 | 0 |
| 26 | D4 | 1073 | 0 | 1132 | 34 | 0 |
| 26 | d4 | 1073 | 0 | 1132 | 49 | 0 |
| 27 | D5 | 563 | 0 | 603 | 27 | 0 |
| 27 | d5 | 558 | 0 | 598 | 25 | 0 |
| 28 | D6 | 769 | 0 | 814 | 53 | 0 |
| 28 | d6 | 769 | 0 | 814 | 28 | 0 |
| 29 | D7 | 610 | 0 | 630 | 23 | 0 |
| 29 | d7 | 610 | 0 | 632 | 23 | 0 |
| 30 | D8 | 497 | 0 | 535 | 22 | 0 |
| 30 | d8 | 497 | 0 | 535 | 21 | 0 |
| 31 | D9 | 442 | 0 | 427 | 16 | 0 |
| 31 | d9 | 442 | 0 | 428 | 7 | 0 |
| 32 | E0 | 475 | 0 | 525 | 14 | 0 |
| 32 | e0 | 491 | 0 | 542 | 20 | 0 |
| 33 | E1 | 566 | 0 | 602 | 27 | 0 |
| 33 | e1 | 608 | 0 | 657 | 33 | 0 |
| 34 | SR | 2437 | 0 | 2389 | 74 | 0 |
| 35 | SM | 1104 | 0 | 978 | 40 | 0 |
| 36 | 1 | 67355 | 0 | 33840 | 1311 | 0 |
| 36 | 5 | 67376 | 0 | 33851 | 1333 | 1 |
| 37 | 3 | 2579 | 0 | 1304 | 56 | 0 |
| 37 | 7 | 2579 | 0 | 1304 | 56 | 0 |
| 38 | 4 | 3353 | 0 | 1695 | 69 | 0 |
| 38 | 8 | 3353 | 0 | 1695 | 78 | 0 |
| 39 | L2 | 1914 | 0 | 1981 | 61 | 0 |
| 39 | l2 | 1912 | 0 | 1976 | 78 | 0 |
| 40 | L3 | 3075 | 0 | 3142 | 145 | 0 |
| 40 | l3 | 3075 | 0 | 3142 | 143 | 0 |
| 41 | L4 | 2748 | 0 | 2859 | 138 | 0 |
| 41 | l4 | 2748 | 0 | 2859 | 113 | 0 |
| 42 | L5 | 2375 | 0 | 2325 | 103 | 0 |
| 42 | l5 | 2359 | 0 | 2310 | 112 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 43 | L6 | 1239 | 0 | 1326 | 38 | 0 |
| 43 | l6 | 1248 | 0 | 1339 | 39 | 0 |
| 44 | L7 | 1784 | 0 | 1862 | 71 | 0 |
| 44 | l7 | 1791 | 0 | 1869 | 66 | 0 |
| 45 | L8 | 1804 | 0 | 1877 | 58 | 0 |
| 46 | L9 | 1518 | 0 | 1587 | 72 | 0 |
| 46 | l9 | 1518 | 0 | 1587 | 79 | 0 |
| 47 | M0 | 1705 | 0 | 1736 | 76 | 0 |
| 47 | m0 | 1722 | 0 | 1755 | 89 | 0 |
| 48 | M1 | 1353 | 0 | 1383 | 49 | 0 |
| 48 | m1 | 1353 | 0 | 1383 | 53 | 1 |
| 49 | M3 | 1543 | 0 | 1608 | 63 | 0 |
| 49 | m3 | 1548 | 0 | 1613 | 60 | 0 |
| 50 | M4 | 1053 | 0 | 1149 | 42 | 0 |
| 50 | m4 | 1059 | 0 | 1154 | 39 | 0 |
| 51 | M5 | 1720 | 0 | 1779 | 64 | 0 |
| 51 | m5 | 1720 | 0 | 1779 | 66 | 0 |
| 52 | M6 | 1555 | 0 | 1659 | 49 | 0 |
| 52 | m6 | 1555 | 0 | 1659 | 50 | 0 |
| 53 | M7 | 1420 | 0 | 1437 | 53 | 0 |
| 53 | m7 | 1227 | 0 | 1236 | 49 | 0 |
| 54 | M8 | 1441 | 0 | 1543 | 59 | 0 |
| 54 | m8 | 1441 | 0 | 1543 | 58 | 0 |
| 55 | M9 | 1521 | 0 | 1617 | 64 | 0 |
| 55 | m9 | 1521 | 0 | 1617 | 38 | 0 |
| 56 | N0 | 1445 | 0 | 1487 | 59 | 0 |
| 56 | n0 | 1445 | 0 | 1487 | 36 | 0 |
| 57 | N1 | 1276 | 0 | 1323 | 51 | 0 |
| 57 | n1 | 1276 | 0 | 1323 | 50 | 0 |
| 58 | N2 | 796 | 0 | 812 | 22 | 0 |
| 58 | n2 | 778 | 0 | 791 | 22 | 0 |
| 59 | N3 | 1003 | 0 | 1048 | 37 | 0 |
| 59 | n3 | 1003 | 0 | 1048 | 36 | 0 |
| 60 | N4 | 699 | 0 | 640 | 13 | 0 |
| 61 | N5 | 964 | 0 | 1025 | 35 | 0 |
| 61 | n5 | 959 | 0 | 1023 | 38 | 0 |
| 62 | N6 | 993 | 0 | 1080 | 34 | 0 |
| 62 | n6 | 993 | 0 | 1081 | 54 | 0 |
| 63 | N7 | 1092 | 0 | 1155 | 49 | 0 |
| 63 | n7 | 1092 | 0 | 1155 | 48 | 0 |
| 64 | N8 | 1173 | 0 | 1215 | 60 | 0 |
| 64 | n8 | 1173 | 0 | 1215 | 58 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 65 | N9 | 462 | 0 | 491 | 18 | 0 |
| 65 | n9 | 462 | 0 | 491 | 23 | 0 |
| 66 | O0 | 743 | 0 | 797 | 25 | 0 |
| 66 | o0 | 767 | 0 | 816 | 32 | 0 |
| 67 | O1 | 876 | 0 | 912 | 21 | 0 |
| 67 | o1 | 883 | 0 | 918 | 26 | 0 |
| 68 | O2 | 1020 | 0 | 1090 | 31 | 0 |
| 68 | o2 | 1020 | 0 | 1090 | 42 | 0 |
| 69 | O3 | 850 | 0 | 880 | 36 | 0 |
| 69 | o3 | 850 | 0 | 880 | 32 | 0 |
| 70 | O4 | 880 | 0 | 945 | 39 | 0 |
| 70 | o4 | 880 | 0 | 945 | 29 | 0 |
| 71 | O5 | 969 | 0 | 1078 | 52 | 0 |
| 71 | o5 | 965 | 0 | 1067 | 45 | 0 |
| 72 | O6 | 771 | 0 | 849 | 23 | 0 |
| 72 | o6 | 770 | 0 | 846 | 34 | 0 |
| 73 | O7 | 681 | 0 | 682 | 27 | 0 |
| 73 | o7 | 681 | 0 | 683 | 25 | 0 |
| 74 | O8 | 612 | 0 | 682 | 18 | 0 |
| 74 | o8 | 608 | 0 | 671 | 13 | 0 |
| 75 | O9 | 436 | 0 | 475 | 27 | 0 |
| 75 | o9 | 436 | 0 | 475 | 19 | 0 |
| 76 | Q0 | 417 | 0 | 455 | 13 | 0 |
| 76 | q0 | 417 | 0 | 455 | 15 | 0 |
| 77 | Q1 | 233 | 0 | 284 | 6 | 0 |
| 77 | q1 | 233 | 0 | 284 | 12 | 0 |
| 78 | Q2 | 847 | 0 | 915 | 32 | 0 |
| 78 | q2 | 847 | 0 | 915 | 38 | 0 |
| 79 | Q3 | 694 | 0 | 734 | 33 | 0 |
| 79 | q3 | 694 | 0 | 734 | 21 | 0 |
| 80 | c0 | 762 | 0 | 689 | 26 | 0 |
| 81 | c2 | 892 | 0 | 872 | 32 | 0 |
| 82 | c5 | 1039 | 0 | 1050 | 56 | 0 |
| 83 | sR | 2442 | 0 | 2392 | 74 | 0 |
| 84 | sM | 681 | 0 | 544 | 30 | 0 |
| 85 | l8 | 1763 | 0 | 1811 | 63 | 0 |
| 86 | m2 | 750 | 0 | 177 | 9 | 0 |
| 87 | n4 | 1038 | 0 | 1071 | 26 | 0 |
| 88 | p0 | 1077 | 0 | 1012 | 32 | 0 |
| 89 | p1 | 235 | 0 | 51 | 3 | 0 |
| 89 | p2 | 230 | 0 | 50 | 1 | 0 |
| 90 | A | 77 | 0 | 50 | 7 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 90 | a | 77 | 0 | 50 | 9 | 0 |
| 91 | 1 | 700 | 0 | 0 | 0 | 0 |
| 91 | 2 | 169 | 0 | 0 | 0 | 0 |
| 91 | 3 | 18 | 0 | 0 | 0 | 0 |
| 91 | 4 | 32 | 0 | 0 | 0 | 0 |
| 91 | 5 | 758 | 0 | 0 | 0 | 0 |
| 91 | 6 | 242 | 0 | 0 | 0 | 0 |
| 91 | 7 | 27 | 0 | 0 | 0 | 0 |
| 91 | 8 | 21 | 0 | 0 | 0 | 0 |
| 91 | C1 | 2 | 0 | 0 | 0 | 0 |
| 91 | C5 | 1 | 0 | 0 | 0 | 0 |
| 91 | C8 | 1 | 0 | 0 | 0 | 0 |
| 91 | D0 | 1 | 0 | 0 | 0 | 0 |
| 91 | D3 | 1 | 0 | 0 | 0 | 0 |
| 91 | D6 | 1 | 0 | 0 | 0 | 0 |
| 91 | D9 | 2 | 0 | 0 | 0 | 0 |
| 91 | E1 | 1 | 0 | 0 | 0 | 0 |
| 91 | L2 | 4 | 0 | 0 | 0 | 0 |
| 91 | L3 | 6 | 0 | 0 | 0 | 0 |
| 91 | L4 | 7 | 0 | 0 | 0 | 0 |
| 91 | L6 | 1 | 0 | 0 | 0 | 0 |
| 91 | L7 | 1 | 0 | 0 | 0 | 0 |
| 91 | L8 | 1 | 0 | 0 | 0 | 0 |
| 91 | M0 | 4 | 0 | 0 | 0 | 0 |
| 91 | M1 | 1 | 0 | 0 | 0 | 0 |
| 91 | M3 | 4 | 0 | 0 | 0 | 0 |
| 91 | M4 | 1 | 0 | 0 | 0 | 0 |
| 91 | M5 | 8 | 0 | 0 | 0 | 0 |
| 91 | M6 | 4 | 0 | 0 | 0 | 0 |
| 91 | M7 | 8 | 0 | 0 | 0 | 0 |
| 91 | M8 | 3 | 0 | 0 | 1 | 0 |
| 91 | M9 | 3 | 0 | 0 | 0 | 0 |
| 91 | N0 | 2 | 0 | 0 | 0 | 0 |
| 91 | N1 | 1 | 0 | 0 | 0 | 0 |
| 91 | N3 | 4 | 0 | 0 | 0 | 0 |
| 91 | N6 | 1 | 0 | 0 | 0 | 0 |
| 91 | N8 | 7 | 0 | 0 | 0 | 0 |
| 91 | N9 | 1 | 0 | 0 | 0 | 0 |
| 91 | O1 | 1 | 0 | 0 | 0 | 0 |
| 91 | O2 | 2 | 0 | 0 | 0 | 0 |
| 91 | O3 | 3 | 0 | 0 | 0 | 0 |
| 91 | O4 | 1 | 0 | 0 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 91 | O7 | 5 | 0 | 0 | 0 | 0 |
| 91 | O9 | 1 | 0 | 0 | 0 | 0 |
| 91 | Q0 | 2 | 0 | 0 | 0 | 0 |
| 91 | Q2 | 3 | 0 | 0 | 0 | 0 |
| 91 | S1 | 1 | 0 | 0 | 0 | 0 |
| 91 | S2 | 2 | 0 | 0 | 0 | 0 |
| 91 | S4 | 1 | 0 | 0 | 0 | 0 |
| 91 | S6 | 1 | 0 | 0 | 0 | 0 |
| 91 | S8 | 2 | 0 | 0 | 0 | 0 |
| 91 | c6 | 3 | 0 | 0 | 0 | 0 |
| 91 | c8 | 3 | 0 | 0 | 0 | 0 |
| 91 | c9 | 1 | 0 | 0 | 0 | 0 |
| 91 | d2 | 1 | 0 | 0 | 0 | 0 |
| 91 | d3 | 1 | 0 | 0 | 0 | 0 |
| 91 | d5 | 1 | 0 | 0 | 0 | 0 |
| 91 | d6 | 1 | 0 | 0 | 0 | 0 |
| 91 | d9 | 2 | 0 | 0 | 0 | 0 |
| 91 | l2 | 5 | 0 | 0 | 0 | 0 |
| 91 | l3 | 11 | 0 | 0 | 0 | 0 |
| 91 | l4 | 3 | 0 | 0 | 0 | 0 |
| 91 | l5 | 7 | 0 | 0 | 0 | 0 |
| 91 | l7 | 4 | 0 | 0 | 0 | 0 |
| 91 | l8 | 1 | 0 | 0 | 0 | 0 |
| 91 | l9 | 3 | 0 | 0 | 0 | 0 |
| 91 | m0 | 1 | 0 | 0 | 0 | 0 |
| 91 | m1 | 2 | 0 | 0 | 0 | 0 |
| 91 | m3 | 2 | 0 | 0 | 0 | 0 |
| 91 | m4 | 1 | 0 | 0 | 0 | 0 |
| 91 | m5 | 2 | 0 | 0 | 0 | 0 |
| 91 | m6 | 6 | 0 | 0 | 0 | 0 |
| 91 | m7 | 7 | 0 | 0 | 0 | 0 |
| 91 | m8 | 2 | 0 | 0 | 0 | 0 |
| 91 | m9 | 1 | 0 | 0 | 0 | 0 |
| 91 | n0 | 5 | 0 | 0 | 0 | 0 |
| 91 | n1 | 3 | 0 | 0 | 0 | 0 |
| 91 | n3 | 3 | 0 | 0 | 0 | 0 |
| 91 | n6 | 1 | 0 | 0 | 0 | 0 |
| 91 | n8 | 4 | 0 | 0 | 0 | 0 |
| 91 | n9 | 2 | 0 | 0 | 0 | 0 |
| 91 | o2 | 3 | 0 | 0 | 0 | 0 |
| 91 | o3 | 5 | 0 | 0 | 0 | 0 |
| 91 | o4 | 3 | 0 | 0 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 91 | o6 | 1 | 0 | 0 | 0 | 0 |
| 91 | o7 | 3 | 0 | 0 | 0 | 0 |
| 91 | o9 | 1 | 0 | 0 | 0 | 0 |
| 91 | p0 | 1 | 0 | 0 | 0 | 0 |
| 91 | q0 | 1 | 0 | 0 | 0 | 0 |
| 91 | q1 | 1 | 0 | 0 | 0 | 0 |
| 91 | q2 | 1 | 0 | 0 | 0 | 0 |
| 91 | q3 | 2 | 0 | 0 | 0 | 0 |
| 91 | s1 | 1 | 0 | 0 | 0 | 0 |
| 91 | s4 | 1 | 0 | 0 | 0 | 0 |
| 91 | s8 | 4 | 0 | 0 | 0 | 0 |
| 91 | sM | 1 | 0 | 0 | 0 | 0 |
| 92 | 1 | 2856 | 0 | 0 | 265 | 0 |
| 92 | 2 | 1316 | 0 | 0 | 118 | 0 |
| 92 | 3 | 91 | 0 | 0 | 5 | 0 |
| 92 | 4 | 112 | 0 | 0 | 9 | 0 |
| 92 | 5 | 2905 | 0 | 0 | 227 | 0 |
| 92 | 6 | 1393 | 0 | 0 | 119 | 0 |
| 92 | 7 | 91 | 0 | 0 | 4 | 0 |
| 92 | 8 | 140 | 0 | 0 | 14 | 0 |
| 92 | A | 14 | 0 | 0 | 2 | 0 |
| 92 | C3 | 7 | 0 | 0 | 1 | 0 |
| 92 | C5 | 7 | 0 | 0 | 5 | 0 |
| 92 | C8 | 14 | 0 | 0 | 2 | 0 |
| 92 | D9 | 7 | 0 | 0 | 0 | 0 |
| 92 | L2 | 7 | 0 | 0 | 1 | 0 |
| 92 | L3 | 21 | 0 | 0 | 2 | 0 |
| 92 | L4 | 7 | 0 | 0 | 2 | 0 |
| 92 | L5 | 7 | 0 | 0 | 1 | 0 |
| 92 | M0 | 28 | 0 | 0 | 11 | 0 |
| 92 | M5 | 14 | 0 | 0 | 1 | 0 |
| 92 | M7 | 7 | 0 | 0 | 1 | 0 |
| 92 | M9 | 7 | 0 | 0 | 1 | 0 |
| 92 | N1 | 7 | 0 | 0 | 1 | 0 |
| 92 | N8 | 7 | 0 | 0 | 0 | 0 |
| 92 | N9 | 7 | 0 | 0 | 1 | 0 |
| 92 | O1 | 7 | 0 | 0 | 1 | 0 |
| 92 | O3 | 7 | 0 | 0 | 0 | 0 |
| 92 | O7 | 21 | 0 | 0 | 8 | 0 |
| 92 | Q2 | 7 | 0 | 0 | 4 | 0 |
| 92 | S2 | 7 | 0 | 0 | 3 | 0 |
| 92 | S6 | 7 | 0 | 0 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 92 | S8 | 7 | 0 | 0 | 1 | 0 |
| 92 | SR | 7 | 0 | 0 | 0 | 0 |
| 92 | a | 7 | 0 | 0 | 1 | 0 |
| 92 | c1 | 7 | 0 | 0 | 1 | 0 |
| 92 | c3 | 7 | 0 | 0 | 3 | 0 |
| 92 | c5 | 14 | 0 | 0 | 10 | 0 |
| 92 | c8 | 7 | 0 | 0 | 0 | 0 |
| 92 | d4 | 7 | 0 | 0 | 1 | 0 |
| 92 | d9 | 7 | 0 | 0 | 0 | 0 |
| 92 | l2 | 7 | 0 | 0 | 0 | 0 |
| 92 | l3 | 14 | 0 | 0 | 2 | 0 |
| 92 | l4 | 14 | 0 | 0 | 3 | 0 |
| 92 | l5 | 21 | 0 | 0 | 3 | 0 |
| 92 | l9 | 7 | 0 | 0 | 0 | 1 |
| 92 | m0 | 28 | 0 | 0 | 5 | 0 |
| 92 | m1 | 7 | 0 | 0 | 1 | 0 |
| 92 | m4 | 7 | 0 | 0 | 0 | 0 |
| 92 | m5 | 14 | 0 | 0 | 3 | 0 |
| 92 | m7 | 7 | 0 | 0 | 1 | 0 |
| 92 | m9 | 7 | 0 | 0 | 1 | 0 |
| 92 | n1 | 7 | 0 | 0 | 0 | 0 |
| 92 | n3 | 7 | 0 | 0 | 1 | 0 |
| 92 | n9 | 7 | 0 | 0 | 0 | 0 |
| 92 | o2 | 7 | 0 | 0 | 0 | 0 |
| 92 | o3 | 7 | 0 | 0 | 0 | 0 |
| 92 | o7 | 7 | 0 | 0 | 0 | 0 |
| 92 | o9 | 7 | 0 | 0 | 0 | 0 |
| 92 | q2 | 7 | 0 | 0 | 3 | 0 |
| 92 | s1 | 7 | 0 | 0 | 0 | 0 |
| 92 | s4 | 7 | 0 | 0 | 0 | 0 |
| 92 | s8 | 7 | 0 | 0 | 0 | 0 |
| 92 | sR | 7 | 0 | 0 | 0 | 0 |
| 93 | D6 | 1 | 0 | 0 | 0 | 0 |
| 93 | D7 | 1 | 0 | 0 | 0 | 0 |
| 93 | D9 | 1 | 0 | 0 | 0 | 0 |
| 93 | E1 | 1 | 0 | 0 | 0 | 0 |
| 93 | O7 | 1 | 0 | 0 | 0 | 0 |
| 93 | Q0 | 1 | 0 | 0 | 0 | 0 |
| 93 | Q2 | 1 | 0 | 0 | 0 | 0 |
| 93 | Q3 | 1 | 0 | 0 | 0 | 0 |
| 93 | d6 | 1 | 0 | 0 | 0 | 0 |
| 93 | d7 | 1 | 0 | 0 | 0 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|--------|----------|----------|---------|--------------|
| 93 | d9 | 1 | 0 | 0 | 0 | 0 |
| 93 | e1 | 1 | 0 | 0 | 0 | 0 |
| 93 | o7 | 1 | 0 | 0 | 0 | 0 |
| 93 | q0 | 1 | 0 | 0 | 0 | 0 |
| 93 | q2 | 1 | 0 | 0 | 0 | 0 |
| 93 | q3 | 1 | 0 | 0 | 0 | 0 |
| All | All | 414290 | 0 | 297533 | 10168 | 2 |

The all-atom clashscore is defined as the number of clashes found per 1000 atoms (including hydrogen atoms). The all-atom clashscore for this structure is 15.

The worst 5 of 10168 close contacts within the same asymmetric unit are listed below, sorted by their clash magnitude.

| Atom-1 | Atom-2 | Interatomic distance (Å) | Clash overlap (Å) |
|------------------|------------------|--------------------------|-------------------|
| 78:q2:17:CYS:SG | 78:q2:17:CYS:CB | 2.02 | 1.47 |
| 78:Q2:17:CYS:SG | 78:Q2:17:CYS:CB | 2.06 | 1.42 |
| 73:O7:87:SER:O | 92:O7:107:OHX:N3 | 1.90 | 1.04 |
| 36:5:556:U:OP2 | 92:5:4474:OHX:N5 | 1.90 | 1.03 |
| 47:m0:76:MET:HE1 | 47:m0:148:VAL:HA | 1.35 | 1.02 |

All (2) symmetry-related close contacts are listed below. The label for Atom-2 includes the symmetry operator and encoded unit-cell translations to be applied.

| Atom-1 | Atom-2 | Interatomic distance (Å) | Clash overlap (Å) |
|------------------|-------------------------|--------------------------|-------------------|
| 1:2:1353:U:O2' | 36:5:3165:A:OP1[2_546] | 2.11 | 0.09 |
| 48:m1:78:GLU:OE2 | 92:19:204:OHX:N5[2_647] | 2.17 | 0.03 |

5.3 Torsion angles [i](#)

5.3.1 Protein backbone [i](#)

In the following table, the Percentiles column shows the percent Ramachandran outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the backbone conformation was analysed, and the total number of residues.

| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|---------------|-----------|----------|----------|-------------|----|
| 2 | S0 | 204/206 (99%) | 155 (76%) | 34 (17%) | 15 (7%) | 1 | 5 |
| 2 | s0 | 204/206 (99%) | 163 (80%) | 22 (11%) | 19 (9%) | 0 | 3 |
| 3 | S1 | 212/216 (98%) | 151 (71%) | 35 (16%) | 26 (12%) | 0 | 1 |
| 3 | s1 | 214/216 (99%) | 173 (81%) | 26 (12%) | 15 (7%) | 1 | 6 |
| 4 | S2 | 215/217 (99%) | 189 (88%) | 19 (9%) | 7 (3%) | 3 | 18 |
| 4 | s2 | 215/217 (99%) | 179 (83%) | 25 (12%) | 11 (5%) | 1 | 10 |
| 5 | S3 | 221/223 (99%) | 186 (84%) | 25 (11%) | 10 (4%) | 2 | 12 |
| 5 | s3 | 221/223 (99%) | 177 (80%) | 28 (13%) | 16 (7%) | 1 | 6 |
| 6 | S4 | 258/260 (99%) | 218 (84%) | 30 (12%) | 10 (4%) | 2 | 14 |
| 6 | s4 | 258/260 (99%) | 218 (84%) | 26 (10%) | 14 (5%) | 1 | 9 |
| 7 | S5 | 204/206 (99%) | 166 (81%) | 22 (11%) | 16 (8%) | 1 | 4 |
| 7 | s5 | 204/206 (99%) | 160 (78%) | 30 (15%) | 14 (7%) | 1 | 6 |
| 8 | S6 | 224/226 (99%) | 198 (88%) | 16 (7%) | 10 (4%) | 2 | 12 |
| 8 | s6 | 216/226 (96%) | 190 (88%) | 12 (6%) | 14 (6%) | 1 | 7 |
| 9 | S7 | 182/186 (98%) | 144 (79%) | 19 (10%) | 19 (10%) | 0 | 2 |
| 9 | s7 | 184/186 (99%) | 150 (82%) | 22 (12%) | 12 (6%) | 1 | 7 |
| 10 | S8 | 184/199 (92%) | 163 (89%) | 10 (5%) | 11 (6%) | 1 | 8 |
| 10 | s8 | 184/199 (92%) | 159 (86%) | 17 (9%) | 8 (4%) | 2 | 13 |
| 11 | S9 | 183/185 (99%) | 158 (86%) | 17 (9%) | 8 (4%) | 2 | 12 |
| 11 | s9 | 183/185 (99%) | 157 (86%) | 18 (10%) | 8 (4%) | 2 | 12 |
| 12 | C0 | 82/96 (85%) | 69 (84%) | 9 (11%) | 4 (5%) | 1 | 11 |
| 13 | C1 | 145/155 (94%) | 119 (82%) | 19 (13%) | 7 (5%) | 2 | 11 |
| 13 | c1 | 144/155 (93%) | 120 (83%) | 18 (12%) | 6 (4%) | 2 | 13 |
| 14 | C2 | 122/124 (98%) | 74 (61%) | 26 (21%) | 22 (18%) | 0 | 0 |
| 15 | C3 | 148/150 (99%) | 127 (86%) | 15 (10%) | 6 (4%) | 2 | 13 |
| 15 | c3 | 148/150 (99%) | 121 (82%) | 19 (13%) | 8 (5%) | 1 | 9 |
| 16 | C4 | 125/128 (98%) | 97 (78%) | 17 (14%) | 11 (9%) | 0 | 3 |
| 16 | c4 | 126/128 (98%) | 103 (82%) | 17 (14%) | 6 (5%) | 2 | 11 |
| 17 | C5 | 122/131 (93%) | 96 (79%) | 16 (13%) | 10 (8%) | 0 | 4 |
| 18 | C6 | 139/142 (98%) | 116 (84%) | 15 (11%) | 8 (6%) | 1 | 8 |
| 18 | c6 | 140/142 (99%) | 124 (89%) | 10 (7%) | 6 (4%) | 2 | 13 |
| 19 | C7 | 116/125 (93%) | 94 (81%) | 14 (12%) | 8 (7%) | 1 | 6 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|---------------|-----------|----------|----------|-------------|----|
| 19 | c7 | 113/125 (90%) | 92 (81%) | 12 (11%) | 9 (8%) | 1 | 4 |
| 20 | C8 | 143/145 (99%) | 113 (79%) | 22 (15%) | 8 (6%) | 1 | 8 |
| 20 | c8 | 143/145 (99%) | 121 (85%) | 16 (11%) | 6 (4%) | 2 | 13 |
| 21 | C9 | 141/143 (99%) | 115 (82%) | 22 (16%) | 4 (3%) | 4 | 20 |
| 21 | c9 | 141/143 (99%) | 124 (88%) | 14 (10%) | 3 (2%) | 5 | 25 |
| 22 | D0 | 105/110 (96%) | 88 (84%) | 13 (12%) | 4 (4%) | 2 | 15 |
| 22 | d0 | 108/110 (98%) | 86 (80%) | 12 (11%) | 10 (9%) | 0 | 3 |
| 23 | D1 | 85/87 (98%) | 64 (75%) | 11 (13%) | 10 (12%) | 0 | 1 |
| 23 | d1 | 85/87 (98%) | 66 (78%) | 14 (16%) | 5 (6%) | 1 | 8 |
| 24 | D2 | 127/129 (98%) | 112 (88%) | 12 (9%) | 3 (2%) | 4 | 23 |
| 24 | d2 | 127/129 (98%) | 114 (90%) | 12 (9%) | 1 (1%) | 16 | 44 |
| 25 | D3 | 142/144 (99%) | 118 (83%) | 14 (10%) | 10 (7%) | 1 | 6 |
| 25 | d3 | 142/144 (99%) | 128 (90%) | 11 (8%) | 3 (2%) | 5 | 25 |
| 26 | D4 | 132/134 (98%) | 111 (84%) | 13 (10%) | 8 (6%) | 1 | 8 |
| 26 | d4 | 132/134 (98%) | 106 (80%) | 17 (13%) | 9 (7%) | 1 | 6 |
| 27 | D5 | 68/70 (97%) | 47 (69%) | 12 (18%) | 9 (13%) | 0 | 1 |
| 27 | d5 | 67/70 (96%) | 53 (79%) | 10 (15%) | 4 (6%) | 1 | 8 |
| 28 | D6 | 95/97 (98%) | 60 (63%) | 22 (23%) | 13 (14%) | 0 | 1 |
| 28 | d6 | 95/97 (98%) | 74 (78%) | 13 (14%) | 8 (8%) | 0 | 4 |
| 29 | D7 | 79/81 (98%) | 65 (82%) | 11 (14%) | 3 (4%) | 2 | 15 |
| 29 | d7 | 79/81 (98%) | 61 (77%) | 11 (14%) | 7 (9%) | 0 | 3 |
| 30 | D8 | 61/63 (97%) | 49 (80%) | 9 (15%) | 3 (5%) | 1 | 11 |
| 30 | d8 | 61/63 (97%) | 46 (75%) | 12 (20%) | 3 (5%) | 1 | 11 |
| 31 | D9 | 51/53 (96%) | 40 (78%) | 8 (16%) | 3 (6%) | 1 | 8 |
| 31 | d9 | 51/53 (96%) | 46 (90%) | 2 (4%) | 3 (6%) | 1 | 8 |
| 32 | E0 | 58/62 (94%) | 46 (79%) | 9 (16%) | 3 (5%) | 1 | 10 |
| 32 | e0 | 60/62 (97%) | 47 (78%) | 7 (12%) | 6 (10%) | 0 | 3 |
| 33 | E1 | 69/76 (91%) | 38 (55%) | 18 (26%) | 13 (19%) | 0 | 0 |
| 33 | e1 | 74/76 (97%) | 33 (45%) | 23 (31%) | 18 (24%) | 0 | 0 |
| 34 | SR | 316/318 (99%) | 275 (87%) | 32 (10%) | 9 (3%) | 4 | 20 |
| 35 | SM | 131/159 (82%) | 100 (76%) | 17 (13%) | 14 (11%) | 0 | 2 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|----------|-------------|----|
| 39 | L2 | 250/252 (99%) | 229 (92%) | 13 (5%) | 8 (3%) | 3 | 18 |
| 39 | l2 | 250/252 (99%) | 215 (86%) | 26 (10%) | 9 (4%) | 2 | 16 |
| 40 | L3 | 384/386 (100%) | 334 (87%) | 35 (9%) | 15 (4%) | 2 | 14 |
| 40 | l3 | 384/386 (100%) | 349 (91%) | 25 (6%) | 10 (3%) | 4 | 21 |
| 41 | L4 | 359/361 (99%) | 301 (84%) | 37 (10%) | 21 (6%) | 1 | 8 |
| 41 | l4 | 359/361 (99%) | 300 (84%) | 41 (11%) | 18 (5%) | 1 | 10 |
| 42 | L5 | 294/296 (99%) | 239 (81%) | 37 (13%) | 18 (6%) | 1 | 8 |
| 42 | l5 | 292/296 (99%) | 257 (88%) | 28 (10%) | 7 (2%) | 4 | 23 |
| 43 | L6 | 152/175 (87%) | 132 (87%) | 17 (11%) | 3 (2%) | 6 | 26 |
| 43 | l6 | 153/175 (87%) | 135 (88%) | 14 (9%) | 4 (3%) | 4 | 21 |
| 44 | L7 | 220/223 (99%) | 199 (90%) | 15 (7%) | 6 (3%) | 4 | 21 |
| 44 | l7 | 221/223 (99%) | 201 (91%) | 14 (6%) | 6 (3%) | 4 | 21 |
| 45 | L8 | 231/233 (99%) | 194 (84%) | 26 (11%) | 11 (5%) | 2 | 11 |
| 46 | L9 | 189/191 (99%) | 167 (88%) | 17 (9%) | 5 (3%) | 4 | 21 |
| 46 | l9 | 189/191 (99%) | 175 (93%) | 8 (4%) | 6 (3%) | 3 | 18 |
| 47 | M0 | 207/220 (94%) | 180 (87%) | 18 (9%) | 9 (4%) | 2 | 13 |
| 47 | m0 | 209/220 (95%) | 168 (80%) | 31 (15%) | 10 (5%) | 2 | 11 |
| 48 | M1 | 167/169 (99%) | 127 (76%) | 26 (16%) | 14 (8%) | 0 | 4 |
| 48 | m1 | 167/169 (99%) | 140 (84%) | 17 (10%) | 10 (6%) | 1 | 8 |
| 49 | M3 | 191/194 (98%) | 159 (83%) | 21 (11%) | 11 (6%) | 1 | 8 |
| 49 | m3 | 192/194 (99%) | 156 (81%) | 24 (12%) | 12 (6%) | 1 | 7 |
| 50 | M4 | 134/137 (98%) | 118 (88%) | 10 (8%) | 6 (4%) | 2 | 12 |
| 50 | m4 | 135/137 (98%) | 123 (91%) | 9 (7%) | 3 (2%) | 5 | 25 |
| 51 | M5 | 201/203 (99%) | 182 (90%) | 12 (6%) | 7 (4%) | 3 | 17 |
| 51 | m5 | 201/203 (99%) | 179 (89%) | 16 (8%) | 6 (3%) | 3 | 19 |
| 52 | M6 | 195/197 (99%) | 180 (92%) | 13 (7%) | 2 (1%) | 12 | 40 |
| 52 | m6 | 195/197 (99%) | 181 (93%) | 12 (6%) | 2 (1%) | 12 | 40 |
| 53 | M7 | 181/183 (99%) | 152 (84%) | 20 (11%) | 9 (5%) | 1 | 10 |
| 53 | m7 | 153/183 (84%) | 136 (89%) | 12 (8%) | 5 (3%) | 3 | 18 |
| 54 | M8 | 183/185 (99%) | 161 (88%) | 18 (10%) | 4 (2%) | 5 | 25 |
| 54 | m8 | 183/185 (99%) | 156 (85%) | 21 (12%) | 6 (3%) | 3 | 18 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|---------------|-----------|----------|----------|-------------|----|
| 55 | M9 | 186/188 (99%) | 173 (93%) | 11 (6%) | 2 (1%) | 11 | 38 |
| 55 | m9 | 186/188 (99%) | 180 (97%) | 4 (2%) | 2 (1%) | 11 | 38 |
| 56 | N0 | 170/172 (99%) | 153 (90%) | 13 (8%) | 4 (2%) | 4 | 23 |
| 56 | n0 | 170/172 (99%) | 159 (94%) | 8 (5%) | 3 (2%) | 6 | 29 |
| 57 | N1 | 157/159 (99%) | 142 (90%) | 12 (8%) | 3 (2%) | 6 | 28 |
| 57 | n1 | 157/159 (99%) | 143 (91%) | 12 (8%) | 2 (1%) | 9 | 34 |
| 58 | N2 | 98/100 (98%) | 80 (82%) | 16 (16%) | 2 (2%) | 6 | 26 |
| 58 | n2 | 96/100 (96%) | 85 (88%) | 10 (10%) | 1 (1%) | 12 | 40 |
| 59 | N3 | 134/136 (98%) | 122 (91%) | 8 (6%) | 4 (3%) | 3 | 19 |
| 59 | n3 | 134/136 (98%) | 123 (92%) | 9 (7%) | 2 (2%) | 8 | 32 |
| 60 | N4 | 96/98 (98%) | 76 (79%) | 14 (15%) | 6 (6%) | 1 | 7 |
| 61 | N5 | 119/121 (98%) | 105 (88%) | 12 (10%) | 2 (2%) | 7 | 29 |
| 61 | n5 | 118/121 (98%) | 99 (84%) | 10 (8%) | 9 (8%) | 1 | 5 |
| 62 | N6 | 124/126 (98%) | 111 (90%) | 10 (8%) | 3 (2%) | 4 | 23 |
| 62 | n6 | 124/126 (98%) | 112 (90%) | 7 (6%) | 5 (4%) | 2 | 14 |
| 63 | N7 | 133/135 (98%) | 113 (85%) | 13 (10%) | 7 (5%) | 1 | 9 |
| 63 | n7 | 133/135 (98%) | 106 (80%) | 15 (11%) | 12 (9%) | 0 | 3 |
| 64 | N8 | 146/148 (99%) | 122 (84%) | 16 (11%) | 8 (6%) | 1 | 9 |
| 64 | n8 | 146/148 (99%) | 121 (83%) | 20 (14%) | 5 (3%) | 3 | 17 |
| 65 | N9 | 56/58 (97%) | 48 (86%) | 5 (9%) | 3 (5%) | 1 | 9 |
| 65 | n9 | 56/58 (97%) | 40 (71%) | 10 (18%) | 6 (11%) | 0 | 2 |
| 66 | O0 | 95/100 (95%) | 89 (94%) | 5 (5%) | 1 (1%) | 11 | 38 |
| 66 | o0 | 98/100 (98%) | 88 (90%) | 6 (6%) | 4 (4%) | 2 | 13 |
| 67 | O1 | 107/109 (98%) | 98 (92%) | 5 (5%) | 4 (4%) | 2 | 15 |
| 67 | o1 | 107/109 (98%) | 94 (88%) | 9 (8%) | 4 (4%) | 2 | 15 |
| 68 | O2 | 125/127 (98%) | 111 (89%) | 11 (9%) | 3 (2%) | 4 | 23 |
| 68 | o2 | 125/127 (98%) | 108 (86%) | 12 (10%) | 5 (4%) | 2 | 14 |
| 69 | O3 | 104/106 (98%) | 94 (90%) | 8 (8%) | 2 (2%) | 6 | 28 |
| 69 | o3 | 104/106 (98%) | 92 (88%) | 9 (9%) | 3 (3%) | 3 | 20 |
| 70 | O4 | 110/112 (98%) | 97 (88%) | 11 (10%) | 2 (2%) | 6 | 29 |
| 70 | o4 | 110/112 (98%) | 96 (87%) | 11 (10%) | 3 (3%) | 4 | 21 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|-------------------|-------------|------------|-----------|-------------|-----|
| 71 | O5 | 117/119 (98%) | 104 (89%) | 10 (8%) | 3 (3%) | 4 | 21 |
| 71 | o5 | 117/119 (98%) | 102 (87%) | 11 (9%) | 4 (3%) | 3 | 17 |
| 72 | O6 | 97/99 (98%) | 81 (84%) | 9 (9%) | 7 (7%) | 1 | 6 |
| 72 | o6 | 97/99 (98%) | 83 (86%) | 7 (7%) | 7 (7%) | 1 | 6 |
| 73 | O7 | 85/87 (98%) | 72 (85%) | 13 (15%) | 0 | 100 | 100 |
| 73 | o7 | 85/87 (98%) | 76 (89%) | 5 (6%) | 4 (5%) | 2 | 11 |
| 74 | O8 | 75/77 (97%) | 65 (87%) | 7 (9%) | 3 (4%) | 2 | 14 |
| 74 | o8 | 75/77 (97%) | 62 (83%) | 12 (16%) | 1 (1%) | 9 | 34 |
| 75 | O9 | 48/50 (96%) | 39 (81%) | 8 (17%) | 1 (2%) | 5 | 25 |
| 75 | o9 | 48/50 (96%) | 45 (94%) | 2 (4%) | 1 (2%) | 5 | 25 |
| 76 | Q0 | 50/52 (96%) | 45 (90%) | 3 (6%) | 2 (4%) | 2 | 14 |
| 76 | q0 | 50/52 (96%) | 45 (90%) | 4 (8%) | 1 (2%) | 6 | 26 |
| 77 | Q1 | 23/25 (92%) | 22 (96%) | 1 (4%) | 0 | 100 | 100 |
| 77 | q1 | 23/25 (92%) | 21 (91%) | 2 (9%) | 0 | 100 | 100 |
| 78 | Q2 | 103/105 (98%) | 85 (82%) | 12 (12%) | 6 (6%) | 1 | 8 |
| 78 | q2 | 103/105 (98%) | 94 (91%) | 5 (5%) | 4 (4%) | 2 | 14 |
| 79 | Q3 | 89/91 (98%) | 79 (89%) | 7 (8%) | 3 (3%) | 3 | 17 |
| 79 | q3 | 89/91 (98%) | 79 (89%) | 9 (10%) | 1 (1%) | 11 | 38 |
| 80 | c0 | 78/96 (81%) | 61 (78%) | 10 (13%) | 7 (9%) | 0 | 3 |
| 81 | c2 | 108/124 (87%) | 67 (62%) | 26 (24%) | 15 (14%) | 0 | 1 |
| 82 | c5 | 133/142 (94%) | 96 (72%) | 19 (14%) | 18 (14%) | 0 | 1 |
| 83 | sR | 316/318 (99%) | 268 (85%) | 39 (12%) | 9 (3%) | 4 | 20 |
| 84 | sM | 61/104 (59%) | 43 (70%) | 10 (16%) | 8 (13%) | 0 | 1 |
| 85 | l8 | 224/231 (97%) | 184 (82%) | 25 (11%) | 15 (7%) | 1 | 6 |
| 87 | n4 | 133/135 (98%) | 111 (84%) | 12 (9%) | 10 (8%) | 1 | 5 |
| 88 | p0 | 117/219 (53%) | 101 (86%) | 12 (10%) | 4 (3%) | 3 | 17 |
| All | All | 22197/22912 (97%) | 18787 (85%) | 2314 (10%) | 1096 (5%) | 1 | 11 |

5 of 1096 Ramachandran outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 2 | S0 | 5 | ALA |
| 2 | S0 | 95 | ALA |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 2 | S0 | 158 | VAL |
| 2 | S0 | 191 | ARG |
| 2 | S0 | 203 | PHE |

5.3.2 Protein sidechains ⓘ

In the following table, the Percentiles column shows the percent sidechain outliers of the chain as a percentile score with respect to all X-ray entries followed by that with respect to entries of similar resolution.

The Analysed column shows the number of residues for which the sidechain conformation was analysed, and the total number of residues.

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|-------------|----|
| 2 | S0 | 164/173 (95%) | 128 (78%) | 36 (22%) | 1 | 4 |
| 2 | s0 | 165/173 (95%) | 134 (81%) | 31 (19%) | 1 | 7 |
| 3 | S1 | 191/192 (100%) | 155 (81%) | 36 (19%) | 1 | 7 |
| 3 | s1 | 192/192 (100%) | 157 (82%) | 35 (18%) | 2 | 7 |
| 4 | S2 | 176/176 (100%) | 137 (78%) | 39 (22%) | 1 | 4 |
| 4 | s2 | 176/176 (100%) | 134 (76%) | 42 (24%) | 1 | 3 |
| 5 | S3 | 182/182 (100%) | 146 (80%) | 36 (20%) | 1 | 5 |
| 5 | s3 | 182/182 (100%) | 153 (84%) | 29 (16%) | 2 | 11 |
| 6 | S4 | 221/221 (100%) | 178 (80%) | 43 (20%) | 1 | 6 |
| 6 | s4 | 221/221 (100%) | 184 (83%) | 37 (17%) | 2 | 10 |
| 7 | S5 | 173/173 (100%) | 144 (83%) | 29 (17%) | 2 | 10 |
| 7 | s5 | 173/173 (100%) | 138 (80%) | 35 (20%) | 1 | 5 |
| 8 | S6 | 188/193 (97%) | 157 (84%) | 31 (16%) | 2 | 10 |
| 8 | s6 | 187/193 (97%) | 150 (80%) | 37 (20%) | 1 | 5 |
| 9 | S7 | 165/166 (99%) | 133 (81%) | 32 (19%) | 1 | 6 |
| 9 | s7 | 165/166 (99%) | 132 (80%) | 33 (20%) | 1 | 5 |
| 10 | S8 | 150/160 (94%) | 126 (84%) | 24 (16%) | 2 | 11 |
| 10 | s8 | 150/160 (94%) | 130 (87%) | 20 (13%) | 4 | 17 |
| 11 | S9 | 158/158 (100%) | 122 (77%) | 36 (23%) | 1 | 4 |
| 11 | s9 | 158/158 (100%) | 134 (85%) | 24 (15%) | 3 | 12 |
| 12 | C0 | 77/77 (100%) | 61 (79%) | 16 (21%) | 1 | 5 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|-------------|----|
| 13 | C1 | 129/129 (100%) | 109 (84%) | 20 (16%) | 2 | 12 |
| 13 | c1 | 129/129 (100%) | 100 (78%) | 29 (22%) | 1 | 4 |
| 14 | C2 | 88/100 (88%) | 68 (77%) | 20 (23%) | 1 | 4 |
| 15 | C3 | 127/127 (100%) | 107 (84%) | 20 (16%) | 2 | 11 |
| 15 | c3 | 127/127 (100%) | 103 (81%) | 24 (19%) | 1 | 6 |
| 16 | C4 | 81/97 (84%) | 63 (78%) | 18 (22%) | 1 | 4 |
| 16 | c4 | 97/97 (100%) | 70 (72%) | 27 (28%) | 0 | 1 |
| 17 | C5 | 101/107 (94%) | 84 (83%) | 17 (17%) | 2 | 10 |
| 18 | C6 | 117/118 (99%) | 94 (80%) | 23 (20%) | 1 | 6 |
| 18 | c6 | 118/118 (100%) | 99 (84%) | 19 (16%) | 2 | 11 |
| 19 | C7 | 94/113 (83%) | 74 (79%) | 20 (21%) | 1 | 4 |
| 19 | c7 | 92/113 (81%) | 77 (84%) | 15 (16%) | 2 | 10 |
| 20 | C8 | 128/128 (100%) | 89 (70%) | 39 (30%) | 0 | 1 |
| 20 | c8 | 128/128 (100%) | 104 (81%) | 24 (19%) | 1 | 7 |
| 21 | C9 | 115/115 (100%) | 90 (78%) | 25 (22%) | 1 | 4 |
| 21 | c9 | 115/115 (100%) | 97 (84%) | 18 (16%) | 2 | 11 |
| 22 | D0 | 100/103 (97%) | 73 (73%) | 27 (27%) | 0 | 2 |
| 22 | d0 | 103/103 (100%) | 74 (72%) | 29 (28%) | 0 | 1 |
| 23 | D1 | 74/74 (100%) | 61 (82%) | 13 (18%) | 2 | 8 |
| 23 | d1 | 74/74 (100%) | 59 (80%) | 15 (20%) | 1 | 5 |
| 24 | D2 | 110/110 (100%) | 90 (82%) | 20 (18%) | 2 | 7 |
| 24 | d2 | 110/110 (100%) | 100 (91%) | 10 (9%) | 9 | 30 |
| 25 | D3 | 119/119 (100%) | 99 (83%) | 20 (17%) | 2 | 10 |
| 25 | d3 | 119/119 (100%) | 104 (87%) | 15 (13%) | 4 | 19 |
| 26 | D4 | 112/112 (100%) | 91 (81%) | 21 (19%) | 1 | 7 |
| 26 | d4 | 112/112 (100%) | 91 (81%) | 21 (19%) | 1 | 7 |
| 27 | D5 | 61/61 (100%) | 43 (70%) | 18 (30%) | 0 | 1 |
| 27 | d5 | 61/61 (100%) | 48 (79%) | 13 (21%) | 1 | 4 |
| 28 | D6 | 83/83 (100%) | 63 (76%) | 20 (24%) | 1 | 3 |
| 28 | d6 | 83/83 (100%) | 71 (86%) | 12 (14%) | 3 | 14 |
| 29 | D7 | 70/70 (100%) | 64 (91%) | 6 (9%) | 10 | 32 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|-------------|----|
| 29 | d7 | 70/70 (100%) | 59 (84%) | 11 (16%) | 2 | 11 |
| 30 | D8 | 56/56 (100%) | 45 (80%) | 11 (20%) | 1 | 6 |
| 30 | d8 | 56/56 (100%) | 39 (70%) | 17 (30%) | 0 | 1 |
| 31 | D9 | 47/47 (100%) | 39 (83%) | 8 (17%) | 2 | 9 |
| 31 | d9 | 47/47 (100%) | 39 (83%) | 8 (17%) | 2 | 9 |
| 32 | E0 | 51/53 (96%) | 42 (82%) | 9 (18%) | 2 | 8 |
| 32 | e0 | 53/53 (100%) | 39 (74%) | 14 (26%) | 0 | 2 |
| 33 | E1 | 62/66 (94%) | 48 (77%) | 14 (23%) | 1 | 4 |
| 33 | e1 | 66/66 (100%) | 49 (74%) | 17 (26%) | 0 | 2 |
| 34 | SR | 259/260 (100%) | 231 (89%) | 28 (11%) | 6 | 23 |
| 35 | SM | 97/107 (91%) | 79 (81%) | 18 (19%) | 1 | 7 |
| 39 | L2 | 193/194 (100%) | 161 (83%) | 32 (17%) | 2 | 10 |
| 39 | l2 | 192/194 (99%) | 154 (80%) | 38 (20%) | 1 | 5 |
| 40 | L3 | 321/322 (100%) | 254 (79%) | 67 (21%) | 1 | 5 |
| 40 | l3 | 321/322 (100%) | 257 (80%) | 64 (20%) | 1 | 5 |
| 41 | L4 | 288/288 (100%) | 238 (83%) | 50 (17%) | 2 | 8 |
| 41 | l4 | 288/288 (100%) | 229 (80%) | 59 (20%) | 1 | 5 |
| 42 | L5 | 244/244 (100%) | 203 (83%) | 41 (17%) | 2 | 10 |
| 42 | l5 | 243/244 (100%) | 196 (81%) | 47 (19%) | 1 | 6 |
| 43 | L6 | 134/152 (88%) | 111 (83%) | 23 (17%) | 2 | 9 |
| 43 | l6 | 135/152 (89%) | 115 (85%) | 20 (15%) | 3 | 13 |
| 44 | L7 | 186/187 (100%) | 160 (86%) | 26 (14%) | 3 | 15 |
| 44 | l7 | 187/187 (100%) | 161 (86%) | 26 (14%) | 3 | 15 |
| 45 | L8 | 187/191 (98%) | 155 (83%) | 32 (17%) | 2 | 9 |
| 46 | L9 | 171/171 (100%) | 133 (78%) | 38 (22%) | 1 | 4 |
| 46 | l9 | 171/171 (100%) | 128 (75%) | 43 (25%) | 0 | 2 |
| 47 | M0 | 177/186 (95%) | 142 (80%) | 35 (20%) | 1 | 5 |
| 47 | m0 | 179/186 (96%) | 143 (80%) | 36 (20%) | 1 | 5 |
| 48 | M1 | 147/147 (100%) | 119 (81%) | 28 (19%) | 1 | 6 |
| 48 | m1 | 147/147 (100%) | 120 (82%) | 27 (18%) | 1 | 7 |
| 49 | M3 | 154/154 (100%) | 127 (82%) | 27 (18%) | 2 | 8 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|-------------|----|
| 49 | m3 | 154/154 (100%) | 130 (84%) | 24 (16%) | 2 | 11 |
| 50 | M4 | 107/108 (99%) | 84 (78%) | 23 (22%) | 1 | 4 |
| 50 | m4 | 108/108 (100%) | 85 (79%) | 23 (21%) | 1 | 4 |
| 51 | M5 | 175/175 (100%) | 141 (81%) | 34 (19%) | 1 | 6 |
| 51 | m5 | 175/175 (100%) | 148 (85%) | 27 (15%) | 2 | 12 |
| 52 | M6 | 160/160 (100%) | 136 (85%) | 24 (15%) | 3 | 13 |
| 52 | m6 | 160/160 (100%) | 134 (84%) | 26 (16%) | 2 | 10 |
| 53 | M7 | 140/145 (97%) | 106 (76%) | 34 (24%) | 1 | 3 |
| 53 | m7 | 125/145 (86%) | 99 (79%) | 26 (21%) | 1 | 5 |
| 54 | M8 | 150/150 (100%) | 125 (83%) | 25 (17%) | 2 | 10 |
| 54 | m8 | 150/150 (100%) | 117 (78%) | 33 (22%) | 1 | 4 |
| 55 | M9 | 153/153 (100%) | 120 (78%) | 33 (22%) | 1 | 4 |
| 55 | m9 | 153/153 (100%) | 120 (78%) | 33 (22%) | 1 | 4 |
| 56 | N0 | 156/156 (100%) | 125 (80%) | 31 (20%) | 1 | 5 |
| 56 | n0 | 156/156 (100%) | 132 (85%) | 24 (15%) | 2 | 12 |
| 57 | N1 | 136/136 (100%) | 106 (78%) | 30 (22%) | 1 | 4 |
| 57 | n1 | 136/136 (100%) | 102 (75%) | 34 (25%) | 0 | 2 |
| 58 | N2 | 87/87 (100%) | 75 (86%) | 12 (14%) | 3 | 15 |
| 58 | n2 | 85/87 (98%) | 66 (78%) | 19 (22%) | 1 | 4 |
| 59 | N3 | 104/104 (100%) | 87 (84%) | 17 (16%) | 2 | 10 |
| 59 | n3 | 104/104 (100%) | 88 (85%) | 16 (15%) | 2 | 12 |
| 60 | N4 | 57/86 (66%) | 47 (82%) | 10 (18%) | 2 | 8 |
| 61 | N5 | 104/105 (99%) | 77 (74%) | 27 (26%) | 0 | 2 |
| 61 | n5 | 104/105 (99%) | 83 (80%) | 21 (20%) | 1 | 5 |
| 62 | N6 | 109/109 (100%) | 82 (75%) | 27 (25%) | 1 | 2 |
| 62 | n6 | 109/109 (100%) | 78 (72%) | 31 (28%) | 0 | 1 |
| 63 | N7 | 115/115 (100%) | 93 (81%) | 22 (19%) | 1 | 6 |
| 63 | n7 | 115/115 (100%) | 89 (77%) | 26 (23%) | 1 | 4 |
| 64 | N8 | 118/118 (100%) | 95 (80%) | 23 (20%) | 1 | 6 |
| 64 | n8 | 118/118 (100%) | 99 (84%) | 19 (16%) | 2 | 11 |
| 65 | N9 | 46/46 (100%) | 38 (83%) | 8 (17%) | 2 | 8 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|----------------|-----------|----------|-------------|----|
| 65 | n9 | 46/46 (100%) | 34 (74%) | 12 (26%) | 0 | 2 |
| 66 | O0 | 81/84 (96%) | 69 (85%) | 12 (15%) | 3 | 13 |
| 66 | o0 | 84/84 (100%) | 69 (82%) | 15 (18%) | 2 | 7 |
| 67 | O1 | 92/96 (96%) | 75 (82%) | 17 (18%) | 1 | 7 |
| 67 | o1 | 94/96 (98%) | 77 (82%) | 17 (18%) | 2 | 7 |
| 68 | O2 | 109/109 (100%) | 94 (86%) | 15 (14%) | 3 | 15 |
| 68 | o2 | 109/109 (100%) | 95 (87%) | 14 (13%) | 4 | 18 |
| 69 | O3 | 90/90 (100%) | 74 (82%) | 16 (18%) | 2 | 7 |
| 69 | o3 | 90/90 (100%) | 78 (87%) | 12 (13%) | 4 | 17 |
| 70 | O4 | 95/95 (100%) | 75 (79%) | 20 (21%) | 1 | 4 |
| 70 | o4 | 95/95 (100%) | 83 (87%) | 12 (13%) | 4 | 19 |
| 71 | O5 | 104/104 (100%) | 81 (78%) | 23 (22%) | 1 | 4 |
| 71 | o5 | 103/104 (99%) | 78 (76%) | 25 (24%) | 1 | 3 |
| 72 | O6 | 81/81 (100%) | 61 (75%) | 20 (25%) | 1 | 3 |
| 72 | o6 | 80/81 (99%) | 53 (66%) | 27 (34%) | 0 | 1 |
| 73 | O7 | 70/70 (100%) | 57 (81%) | 13 (19%) | 1 | 7 |
| 73 | o7 | 70/70 (100%) | 54 (77%) | 16 (23%) | 1 | 4 |
| 74 | O8 | 68/68 (100%) | 51 (75%) | 17 (25%) | 0 | 2 |
| 74 | o8 | 67/68 (98%) | 54 (81%) | 13 (19%) | 1 | 6 |
| 75 | O9 | 45/45 (100%) | 39 (87%) | 6 (13%) | 4 | 17 |
| 75 | o9 | 45/45 (100%) | 41 (91%) | 4 (9%) | 9 | 30 |
| 76 | Q0 | 47/47 (100%) | 39 (83%) | 8 (17%) | 2 | 9 |
| 76 | q0 | 47/47 (100%) | 36 (77%) | 11 (23%) | 1 | 3 |
| 77 | Q1 | 23/23 (100%) | 17 (74%) | 6 (26%) | 0 | 2 |
| 77 | q1 | 23/23 (100%) | 15 (65%) | 8 (35%) | 0 | 0 |
| 78 | Q2 | 90/90 (100%) | 68 (76%) | 22 (24%) | 1 | 3 |
| 78 | q2 | 90/90 (100%) | 70 (78%) | 20 (22%) | 1 | 4 |
| 79 | Q3 | 71/71 (100%) | 61 (86%) | 10 (14%) | 3 | 15 |
| 79 | q3 | 71/71 (100%) | 57 (80%) | 14 (20%) | 1 | 6 |
| 80 | c0 | 73/73 (100%) | 59 (81%) | 14 (19%) | 1 | 6 |
| 81 | c2 | 88/88 (100%) | 66 (75%) | 22 (25%) | 0 | 2 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Rotameric | Outliers | Percentiles | |
|-----|-------|-------------------|-------------|------------|-------------|----|
| 82 | c5 | 103/118 (87%) | 88 (85%) | 15 (15%) | 3 | 14 |
| 83 | sR | 260/261 (100%) | 238 (92%) | 22 (8%) | 10 | 32 |
| 84 | sM | 54/54 (100%) | 40 (74%) | 14 (26%) | 0 | 2 |
| 85 | l8 | 177/185 (96%) | 147 (83%) | 30 (17%) | 2 | 9 |
| 87 | n4 | 100/114 (88%) | 87 (87%) | 13 (13%) | 4 | 17 |
| 88 | p0 | 105/165 (64%) | 83 (79%) | 22 (21%) | 1 | 5 |
| All | All | 18729/19106 (98%) | 15177 (81%) | 3552 (19%) | 1 | 6 |

5 of 3552 residues with a non-rotameric sidechain are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 4 | s2 | 80 | VAL |
| 88 | p0 | 84 | VAL |
| 21 | c9 | 28 | LEU |
| 78 | q2 | 84 | THR |
| 59 | n3 | 135 | VAL |

Sometimes sidechains can be flipped to improve hydrogen bonding and reduce clashes. 5 of 185 such sidechains are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 23 | d1 | 29 | HIS |
| 46 | l9 | 96 | HIS |
| 26 | d4 | 31 | ASN |
| 40 | l3 | 121 | ASN |
| 51 | m5 | 178 | HIS |

5.3.3 RNA ⓘ

| Mol | Chain | Analysed | Backbone Outliers | Pucker Outliers |
|-----|-------|-----------------|-------------------|-----------------|
| 1 | 2 | 1777/1800 (98%) | 461 (25%) | 67 (3%) |
| 1 | 6 | 1792/1800 (99%) | 447 (24%) | 51 (2%) |
| 36 | 1 | 3146/3394 (92%) | 651 (20%) | 70 (2%) |
| 36 | 5 | 3145/3394 (92%) | 653 (20%) | 82 (2%) |
| 37 | 3 | 120/121 (99%) | 17 (14%) | 1 (0%) |
| 37 | 7 | 120/121 (99%) | 16 (13%) | 0 |
| 38 | 4 | 157/158 (99%) | 37 (23%) | 2 (1%) |
| 38 | 8 | 157/158 (99%) | 39 (24%) | 2 (1%) |
| 90 | A | 1/3 (33%) | 1 (100%) | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | Backbone Outliers | Pucker Outliers |
|-----|-------|-------------------|-------------------|-----------------|
| 90 | a | 1/3 (33%) | 1 (100%) | 0 |
| All | All | 10416/10952 (95%) | 2323 (22%) | 275 (2%) |

5 of 2323 RNA backbone outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 1 | 2 | 2 | A |
| 1 | 2 | 4 | C |
| 1 | 2 | 25 | C |
| 1 | 2 | 26 | A |
| 1 | 2 | 27 | U |

5 of 275 RNA pucker outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|------|------|
| 36 | 5 | 1819 | U |
| 36 | 5 | 2209 | U |
| 36 | 5 | 3121 | U |
| 36 | 1 | 1751 | G |
| 36 | 1 | 1562 | C |

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

2 non-standard protein/DNA/RNA residues are 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 |
| 90 | PPU | A | 76 | 90,36 | 37,40,41 | 1.32 | 5 (13%) | 47,57,60 | 2.17 | 15 (31%) |
| 90 | PPU | a | 76 | 90,36 | 37,40,41 | 1.34 | 5 (13%) | 47,57,60 | 2.13 | 14 (29%) |

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 |
|-----|------|-------|-----|-------|---------|------------|---------|
| 90 | PPU | A | 76 | 90,36 | - | 3/25/43/44 | 0/4/4/4 |
| 90 | PPU | a | 76 | 90,36 | - | 4/25/43/44 | 0/4/4/4 |

The worst 5 of 10 bond length outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(Å) | Ideal(Å) |
|-----|-------|-----|------|---------|-------|-------------|----------|
| 90 | a | 76 | PPU | C5-C4 | 4.47 | 1.47 | 1.39 |
| 90 | A | 76 | PPU | C5-C4 | 4.29 | 1.46 | 1.39 |
| 90 | a | 76 | PPU | C2'-C3' | -2.87 | 1.48 | 1.53 |
| 90 | a | 76 | PPU | C5-N7 | -2.77 | 1.34 | 1.39 |
| 90 | A | 76 | PPU | C5-N7 | -2.65 | 1.34 | 1.39 |

The worst 5 of 29 bond angle outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(°) | Ideal(°) |
|-----|-------|-----|------|-----------|-------|-------------|----------|
| 90 | A | 76 | PPU | C5-C4-N3 | -5.71 | 118.85 | 126.72 |
| 90 | a | 76 | PPU | C3'-N3'-C | -5.32 | 115.10 | 123.20 |
| 90 | a | 76 | PPU | C5-C4-N3 | -5.16 | 119.61 | 126.72 |
| 90 | A | 76 | PPU | C3'-N3'-C | -4.87 | 115.79 | 123.20 |
| 90 | a | 76 | PPU | CG-CB-CA | -4.52 | 104.87 | 114.13 |

There are no chirality outliers.

5 of 7 torsion outliers are listed below:

| Mol | Chain | Res | Type | Atoms |
|-----|-------|-----|------|-----------------|
| 90 | A | 76 | PPU | C3'-C4'-C5'-O5' |
| 90 | a | 76 | PPU | CE2-CZ-OC-CM |
| 90 | a | 76 | PPU | CE1-CZ-OC-CM |
| 90 | A | 76 | PPU | O4'-C4'-C5'-O5' |
| 90 | a | 76 | PPU | CA-CB-CG-CD1 |

There are no ring outliers.

2 monomers are involved in 9 short contacts:

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|-----|------|---------|--------------|
| 90 | A | 76 | PPU | 5 | 0 |
| 90 | a | 76 | PPU | 4 | 0 |

5.5 Carbohydrates

There are no oligosaccharides in this entry.

5.6 Ligand geometry

Of 3553 ligands modelled in this entry, 2208 are monoatomic - leaving 1345 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 | $\# Z > 2$ |
| 92 | OHX | 2 | 2172 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4126 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4269 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4294 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2214 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4280 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | d4 | 201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4388 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4373 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4228 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4344 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4460 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2190 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4177 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m4 | 202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4448 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4463 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4407 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2077 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4318 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4560 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4290 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4298 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4403 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2159 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2093 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4195 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 232 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2124 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4183 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2234 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4376 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | m0 | 302 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2110 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | O7 | 109 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4337 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4296 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | C8 | 202 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2090 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4334 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2250 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4493 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2275 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4249 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2220 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4442 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4291 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4210 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4213 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4364 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4395 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4250 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4399 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2256 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4557 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4386 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2241 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4420 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4452 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2204 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2082 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2277 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4440 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4503 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4212 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4466 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4272 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | S2 | 303 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4290 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2335 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 237 | 38 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4262 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2191 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4378 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2172 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2189 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4475 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4267 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4187 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4381 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4432 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4499 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4225 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2216 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2138 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4185 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2242 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2164 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4445 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2318 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2320 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4350 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4193 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4328 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2194 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4283 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4375 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4496 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4322 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2188 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4472 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M7 | 209 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4425 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | q2 | 203 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4443 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4305 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4504 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2246 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4371 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4253 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4190 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | n9 | 103 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M0 | 307 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2121 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4116 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4283 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4313 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4402 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4520 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4225 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4286 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2150 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4379 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4214 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4412 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 12 | 306 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2115 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2329 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4444 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4431 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4297 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4258 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4327 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4179 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2185 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4436 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4279 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2164 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4308 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2190 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4439 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4489 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4411 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4129 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2254 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4352 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4469 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2148 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4509 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2177 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4492 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2221 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4398 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 234 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2153 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4139 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4423 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4314 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 2 | 2084 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4134 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4500 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4148 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4444 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4521 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4484 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 13 | 413 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4513 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4197 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2231 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4107 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4162 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4354 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4331 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4467 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4243 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2241 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4501 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4154 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4304 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2247 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4341 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 244 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4464 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4259 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4228 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4326 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4369 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4332 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4222 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4206 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4502 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4430 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4419 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4439 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4483 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2219 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2306 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4363 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4459 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4232 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4334 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | M0 | 305 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4427 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4175 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2252 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4358 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4367 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4351 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2200 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4349 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4394 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4220 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4215 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4147 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 238 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | A | 101 | 90 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2166 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2101 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4374 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 223 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4529 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4221 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2191 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2216 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4506 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4539 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | SR | 401 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4365 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4503 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4505 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2303 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2150 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4543 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4347 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4331 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4404 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2168 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2287 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 219 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4256 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4424 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4267 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2152 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4212 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2266 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2321 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4176 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2201 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2151 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4205 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | c3 | 201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2246 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2243 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4288 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4120 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2301 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | n1 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2237 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4180 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4194 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4138 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4338 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2174 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4296 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2181 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2183 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2311 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4554 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2258 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2315 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4281 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4165 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4237 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4178 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4486 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2100 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2097 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2149 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4291 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2132 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4455 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4440 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4395 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4223 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4284 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 245 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2141 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 2 | 2167 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2099 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2240 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4270 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4497 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2199 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2196 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 240 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2129 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2223 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2291 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | N8 | 208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4265 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2141 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4564 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2235 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4203 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4198 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4434 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2162 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4103 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4517 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4412 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4262 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2314 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4125 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2211 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4417 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2157 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4179 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4405 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4418 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4319 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4168 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2261 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4303 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2154 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4279 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4470 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4315 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4476 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4277 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4240 | 36 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2152 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2103 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2149 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4325 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4477 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4312 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4422 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2085 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m1 | 203 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2199 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4124 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4160 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4561 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4352 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4287 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4257 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4528 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4423 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4360 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2195 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2192 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2155 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2139 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4101 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2217 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 238 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4295 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4527 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4155 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4321 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2245 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4438 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4565 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2072 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2228 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4545 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4252 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2271 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2308 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4197 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4534 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | sR | 401 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | A | 102 | 92,90 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4162 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4319 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4163 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4165 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2092 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2210 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4137 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2169 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4149 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4573 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4467 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4478 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 247 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4523 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2160 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4499 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4501 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4274 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2330 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2088 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2175 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4297 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4310 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4167 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4473 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2176 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4454 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4479 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2188 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2225 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4482 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 222 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4109 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4335 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4295 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4210 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2290 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2161 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4330 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4382 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4387 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4419 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4136 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4122 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4427 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | m7 | 208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2217 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4367 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4314 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4317 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2111 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4189 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2196 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | L4 | 408 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4231 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2145 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2195 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4158 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4366 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4484 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4140 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4441 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2176 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 240 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4181 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2198 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4145 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4408 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4387 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4221 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | c1 | 201 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4220 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4251 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4393 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4525 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4456 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2215 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2203 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4433 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2272 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4365 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2173 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2148 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2218 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4176 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4552 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 15 | 308 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4449 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4195 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2207 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4113 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4355 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2142 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4353 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4232 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4511 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4390 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4384 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 246 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4556 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 19 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2198 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4249 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2193 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4358 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2279 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4237 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4462 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4451 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 226 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4117 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2219 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2162 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4349 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4394 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4461 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2209 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4342 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4309 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4270 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | o2 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2157 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 222 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4265 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2319 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4393 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2074 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4171 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4505 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4421 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4434 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4241 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4532 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2232 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2312 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4200 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4475 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4207 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4381 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2163 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m5 | 304 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4256 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4424 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4198 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 237 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4324 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4099 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4498 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4415 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2207 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4422 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4346 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 234 | 38 | 0,6,6 | - | - | - | | |
| 92 | OHX | d9 | 104 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4277 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 242 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2322 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2248 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4555 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4435 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2133 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4288 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2181 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4166 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4496 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4322 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4298 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4403 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4416 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | C8 | 203 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4438 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2296 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | a | 101 | 92,90 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4512 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | s1 | 302 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4567 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2112 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 230 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | l5 | 310 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4309 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4186 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4223 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2086 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4490 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4289 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4372 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | m0 | 303 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4247 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4257 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2126 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2156 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4320 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | m0 | 304 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4161 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4214 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4156 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4446 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2178 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2282 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4273 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4445 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4345 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4315 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4410 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4211 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4157 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4285 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4190 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4167 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4473 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2255 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4391 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4307 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 241 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4450 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4263 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2222 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4457 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4476 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2119 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2182 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | O3 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4469 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2158 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4343 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4275 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2143 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4325 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4477 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2080 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4431 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4312 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4547 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4339 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4494 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2183 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4550 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4485 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4447 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4174 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2274 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2289 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4181 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4548 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4242 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2105 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4189 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 4 | 239 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4133 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2214 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4333 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4161 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2185 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4317 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4245 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M5 | 309 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4274 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2095 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | L3 | 408 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4426 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2147 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4310 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m9 | 202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 225 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2187 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2215 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4182 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4479 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2273 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2073 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | C5 | 202 | 17 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 234 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2248 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4351 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4392 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2213 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4502 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2123 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4495 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4343 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2205 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2226 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4160 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4389 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4335 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4276 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4538 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4449 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4537 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4213 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4332 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4219 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2153 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4243 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2166 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2106 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 231 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4374 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2337 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4429 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2156 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4158 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4110 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4106 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4115 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4451 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4488 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2305 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2309 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4251 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 228 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4206 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4558 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4254 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2226 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4226 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 226 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2292 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 221 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4255 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2140 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4324 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4302 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2130 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2243 | 92,1 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4361 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4202 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4487 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2331 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4207 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4355 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4201 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4164 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4191 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4435 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4553 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4305 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2182 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2307 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2158 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4507 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4311 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4406 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2137 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4241 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4468 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4486 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4264 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4462 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4260 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2151 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4497 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4186 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 15 | 309 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2125 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4514 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4377 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4172 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2131 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4156 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | c5 | 201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M0 | 306 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | Q2 | 505 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4328 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2187 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2078 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4417 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4460 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4164 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4410 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4211 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2213 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4146 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4382 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2071 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4100 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2177 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2221 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4346 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | N1 | 202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4474 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4121 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2299 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4368 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2310 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4391 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4275 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2300 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4170 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4508 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4316 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4339 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4172 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4293 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4362 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4490 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4470 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2253 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 14 | 404 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2155 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4187 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2245 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4294 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4494 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4404 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4480 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4383 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4372 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4163 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4373 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4292 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | o3 | 206 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2224 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4320 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2223 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4150 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4522 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4119 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2109 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M9 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2075 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2333 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4246 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2238 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4413 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2326 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4544 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2327 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4252 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4301 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2238 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4380 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4216 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4152 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4388 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4457 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4123 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2253 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4168 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2237 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4159 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2189 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | c8 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4452 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4489 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2313 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4171 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2251 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4174 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4359 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2234 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4401 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2284 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4453 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2250 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4266 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4546 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4242 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2098 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2240 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2170 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4482 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2227 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4458 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2180 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 227 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4271 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4227 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2316 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4409 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4333 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4471 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4519 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4250 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4491 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2293 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4430 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4182 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4278 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2295 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4292 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4254 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | n3 | 204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2117 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4287 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | N9 | 102 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4478 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2255 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4329 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2222 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4455 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4302 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4229 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2285 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4357 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4306 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2206 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4130 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 230 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | C3 | 201 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2328 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 239 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2170 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2225 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 243 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 3401 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4217 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4276 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2231 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4280 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2249 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4105 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4141 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4304 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4418 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2249 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4468 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4463 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2251 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4396 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4378 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4347 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2263 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4400 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2194 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4173 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4353 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4299 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4429 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 239 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | O1 | 202 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2281 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4376 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2087 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 8 | 235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4488 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M0 | 308 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2278 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4166 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2169 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2091 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2317 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2134 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4442 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4474 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4375 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2332 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4255 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4535 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2264 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2203 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2252 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2262 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4465 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4487 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2218 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4300 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4272 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2192 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2324 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4416 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4540 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4311 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2107 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2304 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2206 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4184 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4132 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4498 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4414 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2144 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4379 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4263 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2144 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4219 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4131 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2193 | 1 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4260 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4327 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4144 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4180 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2128 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4196 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2186 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2175 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4200 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4481 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2079 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4446 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2171 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2265 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | M5 | 310 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4239 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4153 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4472 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4209 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4425 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4443 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4157 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 232 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4504 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4238 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 231 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2257 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2116 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4307 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4282 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2102 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4450 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4413 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4495 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2247 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4216 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4313 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4397 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4184 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4414 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4508 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4385 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4559 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 2 | 2120 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4368 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4406 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | o9 | 102 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2167 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2270 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4218 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4437 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2108 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2186 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4285 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4316 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2145 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4204 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2168 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4485 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 221 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4143 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2179 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4230 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4293 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4261 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4269 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4362 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2227 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4363 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4359 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2254 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4549 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4542 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4341 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2267 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2180 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4102 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | c5 | 202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2154 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m5 | 303 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4271 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4369 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2143 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4348 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4266 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4234 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 6 | 2197 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4360 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | L3 | 407 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4323 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4245 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4273 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2323 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4356 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4118 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4566 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4104 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2220 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 201 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4370 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2276 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4268 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2200 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4562 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4389 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4568 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | L5 | 301 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 227 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2069 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2298 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4533 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4159 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 225 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2165 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4461 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4188 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2089 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4259 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4392 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4222 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4453 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4396 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4217 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2184 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4183 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2159 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 230 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 2 | 2202 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4447 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2136 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2232 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4299 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4458 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4337 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2269 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4248 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2256 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4142 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4340 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4459 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4192 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | D9 | 104 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4531 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2239 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4471 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4493 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4400 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 14 | 405 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 237 | 38 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4175 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4278 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4336 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4226 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2146 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 231 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2122 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | s8 | 305 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2244 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4329 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4386 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2104 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4420 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2325 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4361 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | S8 | 303 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2165 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2297 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2338 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4281 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4205 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4357 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4466 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4465 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4530 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4306 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4247 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4199 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4191 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | L3 | 409 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 220 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4301 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | l3 | 412 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2184 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4194 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2081 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4432 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4428 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 240 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 238 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4344 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4303 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4177 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4448 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4185 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2094 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2242 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4407 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4264 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4481 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 8 | 228 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4318 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4383 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2178 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | o7 | 105 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2302 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2211 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4173 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4551 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4114 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4491 | 92 | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4196 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4510 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2173 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | S6 | 302 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4238 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2236 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2135 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4338 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2174 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4456 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4390 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2210 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2142 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4244 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4193 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2239 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 7 | 233 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4433 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2147 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4253 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4170 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4364 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4399 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4405 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4518 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2114 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2209 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2096 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2076 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2160 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4402 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4286 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2212 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2286 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2229 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4209 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4151 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2259 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4421 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2146 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4203 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4169 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4342 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | O7 | 107 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4244 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4240 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4300 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4128 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4135 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4108 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4258 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4437 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4112 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2294 | 92,1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4111 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4426 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4411 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2197 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2070 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | m0 | 305 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4428 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4350 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4480 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2161 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2236 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2288 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4454 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4415 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4492 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4261 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4380 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2334 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4516 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | L2 | 305 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4563 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4239 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2113 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4371 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4370 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2205 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4246 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2260 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2268 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4282 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2171 | 1 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4321 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 5 | 4524 | 36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4515 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4323 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2228 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4354 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4536 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4397 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4436 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4289 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4268 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4385 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2127 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2212 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4231 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2118 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4366 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4441 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4218 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2339 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4169 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4464 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4541 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4326 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4308 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4230 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4401 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4526 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2208 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2283 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4127 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2179 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4398 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4248 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2083 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2280 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2336 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 3 | 223 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4188 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4483 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4227 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4336 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4409 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2230 | - | 0,6,6 | - | - | - | | |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|-------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 92 | OHX | 1 | 4500 | 92,36 | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2230 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4348 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4330 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4345 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4192 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4234 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 6 | 2244 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4384 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4215 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4356 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4340 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 2 | 2163 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4178 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | s4 | 302 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4235 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 1 | 4199 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | O7 | 108 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4408 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4284 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4233 | 92 | 0,6,6 | - | - | - | | |
| 92 | OHX | 5 | 4377 | - | 0,6,6 | - | - | - | | |
| 92 | OHX | 4 | 248 | - | 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.

581 monomers are involved in 847 short contacts:

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4126 | OHX | 2 | 0 |
| 92 | d4 | 201 | OHX | 1 | 0 |
| 92 | 5 | 4388 | OHX | 1 | 0 |
| 92 | 5 | 4373 | OHX | 1 | 0 |
| 92 | 5 | 4228 | OHX | 2 | 0 |
| 92 | 5 | 4460 | OHX | 1 | 0 |
| 92 | 1 | 4448 | OHX | 1 | 0 |
| 92 | 2 | 2077 | OHX | 4 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 5 | 4560 | OHX | 1 | 0 |
| 92 | 5 | 4290 | OHX | 1 | 0 |
| 92 | 1 | 4298 | OHX | 1 | 0 |
| 92 | 2 | 2093 | OHX | 1 | 0 |
| 92 | 8 | 232 | OHX | 1 | 0 |
| 92 | 5 | 4183 | OHX | 1 | 0 |
| 92 | 2 | 2234 | OHX | 1 | 0 |
| 92 | 1 | 4376 | OHX | 5 | 0 |
| 92 | m0 | 302 | OHX | 2 | 0 |
| 92 | 2 | 2110 | OHX | 1 | 0 |
| 92 | O7 | 109 | OHX | 1 | 0 |
| 92 | 5 | 4337 | OHX | 1 | 0 |
| 92 | 1 | 4296 | OHX | 2 | 0 |
| 92 | 6 | 2250 | OHX | 2 | 0 |
| 92 | 5 | 4249 | OHX | 1 | 0 |
| 92 | 1 | 4442 | OHX | 1 | 0 |
| 92 | 1 | 4210 | OHX | 1 | 0 |
| 92 | 5 | 4213 | OHX | 2 | 0 |
| 92 | 1 | 4399 | OHX | 1 | 0 |
| 92 | 5 | 4557 | OHX | 2 | 0 |
| 92 | 5 | 4386 | OHX | 1 | 0 |
| 92 | 6 | 2241 | OHX | 1 | 0 |
| 92 | 5 | 4420 | OHX | 2 | 0 |
| 92 | 5 | 4452 | OHX | 1 | 0 |
| 92 | 6 | 2204 | OHX | 2 | 0 |
| 92 | 2 | 2082 | OHX | 3 | 0 |
| 92 | 5 | 4503 | OHX | 1 | 0 |
| 92 | 1 | 4212 | OHX | 3 | 0 |
| 92 | 1 | 4272 | OHX | 1 | 0 |
| 92 | S2 | 303 | OHX | 3 | 0 |
| 92 | 1 | 4290 | OHX | 4 | 0 |
| 92 | 8 | 237 | OHX | 3 | 0 |
| 92 | 1 | 4378 | OHX | 1 | 0 |
| 92 | 6 | 2172 | OHX | 1 | 0 |
| 92 | 5 | 4267 | OHX | 1 | 0 |
| 92 | 1 | 4187 | OHX | 1 | 0 |
| 92 | 6 | 2216 | OHX | 2 | 0 |
| 92 | 2 | 2138 | OHX | 2 | 0 |
| 92 | 6 | 2242 | OHX | 2 | 0 |
| 92 | 6 | 2318 | OHX | 2 | 0 |
| 92 | 6 | 2320 | OHX | 1 | 0 |
| 92 | 1 | 4350 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4193 | OHX | 1 | 0 |
| 92 | 1 | 4283 | OHX | 1 | 0 |
| 92 | 5 | 4322 | OHX | 2 | 0 |
| 92 | M7 | 209 | OHX | 1 | 0 |
| 92 | q2 | 203 | OHX | 3 | 0 |
| 92 | 1 | 4443 | OHX | 1 | 0 |
| 92 | 1 | 4504 | OHX | 1 | 0 |
| 92 | 6 | 2246 | OHX | 1 | 0 |
| 92 | M0 | 307 | OHX | 4 | 0 |
| 92 | 2 | 2121 | OHX | 2 | 0 |
| 92 | 5 | 4402 | OHX | 1 | 0 |
| 92 | 5 | 4286 | OHX | 1 | 0 |
| 92 | 1 | 4379 | OHX | 1 | 0 |
| 92 | 6 | 2329 | OHX | 1 | 0 |
| 92 | 1 | 4431 | OHX | 1 | 0 |
| 92 | 5 | 4179 | OHX | 1 | 0 |
| 92 | 2 | 2185 | OHX | 1 | 0 |
| 92 | 5 | 4436 | OHX | 1 | 0 |
| 92 | 5 | 4411 | OHX | 1 | 0 |
| 92 | 1 | 4352 | OHX | 1 | 0 |
| 92 | 5 | 4469 | OHX | 1 | 0 |
| 92 | 6 | 2148 | OHX | 1 | 0 |
| 92 | 6 | 2221 | OHX | 1 | 0 |
| 92 | 5 | 4398 | OHX | 1 | 0 |
| 92 | 6 | 2153 | OHX | 1 | 0 |
| 92 | 1 | 4236 | OHX | 3 | 0 |
| 92 | 1 | 4139 | OHX | 1 | 0 |
| 92 | 5 | 4423 | OHX | 2 | 0 |
| 92 | 2 | 2084 | OHX | 1 | 0 |
| 92 | 1 | 4444 | OHX | 1 | 0 |
| 92 | 1 | 4484 | OHX | 1 | 0 |
| 92 | l3 | 413 | OHX | 1 | 0 |
| 92 | 2 | 2231 | OHX | 1 | 0 |
| 92 | 1 | 4107 | OHX | 1 | 0 |
| 92 | 5 | 4162 | OHX | 1 | 0 |
| 92 | 5 | 4354 | OHX | 1 | 0 |
| 92 | 1 | 4331 | OHX | 1 | 0 |
| 92 | 5 | 4467 | OHX | 1 | 0 |
| 92 | 5 | 4243 | OHX | 1 | 0 |
| 92 | 1 | 4304 | OHX | 1 | 0 |
| 92 | 4 | 244 | OHX | 2 | 0 |
| 92 | 5 | 4464 | OHX | 2 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4228 | OHX | 2 | 0 |
| 92 | 5 | 4206 | OHX | 1 | 0 |
| 92 | 1 | 4419 | OHX | 2 | 0 |
| 92 | 6 | 2219 | OHX | 1 | 0 |
| 92 | 6 | 2306 | OHX | 1 | 0 |
| 92 | 5 | 4363 | OHX | 2 | 0 |
| 92 | 5 | 4232 | OHX | 1 | 0 |
| 92 | M0 | 305 | OHX | 1 | 0 |
| 92 | 1 | 4175 | OHX | 1 | 0 |
| 92 | 2 | 2252 | OHX | 1 | 0 |
| 92 | 1 | 4358 | OHX | 2 | 0 |
| 92 | 5 | 4351 | OHX | 2 | 0 |
| 92 | 6 | 2200 | OHX | 1 | 0 |
| 92 | 5 | 4215 | OHX | 2 | 0 |
| 92 | 7 | 238 | OHX | 1 | 0 |
| 92 | A | 101 | OHX | 2 | 0 |
| 92 | 2 | 2166 | OHX | 1 | 0 |
| 92 | 5 | 4374 | OHX | 2 | 0 |
| 92 | 1 | 4505 | OHX | 2 | 0 |
| 92 | 5 | 4331 | OHX | 1 | 0 |
| 92 | 3 | 219 | OHX | 1 | 0 |
| 92 | 1 | 4267 | OHX | 1 | 0 |
| 92 | 2 | 2152 | OHX | 3 | 0 |
| 92 | 6 | 2266 | OHX | 1 | 0 |
| 92 | 6 | 2201 | OHX | 1 | 0 |
| 92 | 5 | 4205 | OHX | 2 | 0 |
| 92 | c3 | 201 | OHX | 3 | 0 |
| 92 | 1 | 4120 | OHX | 1 | 0 |
| 92 | 5 | 4180 | OHX | 1 | 0 |
| 92 | 1 | 4138 | OHX | 1 | 0 |
| 92 | 1 | 4338 | OHX | 1 | 0 |
| 92 | 6 | 2174 | OHX | 1 | 0 |
| 92 | 2 | 2181 | OHX | 2 | 0 |
| 92 | 6 | 2183 | OHX | 1 | 0 |
| 92 | 6 | 2311 | OHX | 2 | 0 |
| 92 | 5 | 4554 | OHX | 2 | 0 |
| 92 | 6 | 2258 | OHX | 1 | 0 |
| 92 | 6 | 2315 | OHX | 1 | 0 |
| 92 | 1 | 4281 | OHX | 3 | 0 |
| 92 | 5 | 4237 | OHX | 1 | 0 |
| 92 | 5 | 4486 | OHX | 1 | 0 |
| 92 | 2 | 2149 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 5 | 4291 | OHX | 1 | 0 |
| 92 | 1 | 4440 | OHX | 3 | 0 |
| 92 | 5 | 4395 | OHX | 1 | 0 |
| 92 | 1 | 4223 | OHX | 2 | 0 |
| 92 | 4 | 245 | OHX | 1 | 0 |
| 92 | 2 | 2141 | OHX | 1 | 0 |
| 92 | 5 | 4564 | OHX | 1 | 0 |
| 92 | 5 | 4434 | OHX | 1 | 0 |
| 92 | 6 | 2162 | OHX | 4 | 0 |
| 92 | 1 | 4103 | OHX | 1 | 0 |
| 92 | 1 | 4125 | OHX | 1 | 0 |
| 92 | 6 | 2211 | OHX | 2 | 0 |
| 92 | 6 | 2157 | OHX | 2 | 0 |
| 92 | 1 | 4418 | OHX | 1 | 0 |
| 92 | 1 | 4168 | OHX | 1 | 0 |
| 92 | 5 | 4303 | OHX | 1 | 0 |
| 92 | 2 | 2154 | OHX | 1 | 0 |
| 92 | 5 | 4279 | OHX | 2 | 0 |
| 92 | 1 | 4470 | OHX | 1 | 0 |
| 92 | 5 | 4240 | OHX | 2 | 0 |
| 92 | 6 | 2152 | OHX | 2 | 0 |
| 92 | 2 | 2103 | OHX | 1 | 0 |
| 92 | 6 | 2149 | OHX | 1 | 0 |
| 92 | 1 | 4477 | OHX | 2 | 0 |
| 92 | 5 | 4422 | OHX | 1 | 0 |
| 92 | 2 | 2085 | OHX | 2 | 0 |
| 92 | m1 | 203 | OHX | 1 | 0 |
| 92 | 1 | 4124 | OHX | 4 | 0 |
| 92 | 5 | 4352 | OHX | 1 | 0 |
| 92 | 5 | 4287 | OHX | 1 | 0 |
| 92 | 1 | 4257 | OHX | 2 | 0 |
| 92 | 5 | 4528 | OHX | 1 | 0 |
| 92 | 1 | 4101 | OHX | 2 | 0 |
| 92 | 6 | 2217 | OHX | 1 | 0 |
| 92 | 1 | 4155 | OHX | 2 | 0 |
| 92 | 2 | 2245 | OHX | 2 | 0 |
| 92 | 6 | 2271 | OHX | 1 | 0 |
| 92 | 5 | 4534 | OHX | 1 | 0 |
| 92 | 5 | 4163 | OHX | 1 | 0 |
| 92 | 5 | 4165 | OHX | 1 | 0 |
| 92 | 6 | 2210 | OHX | 1 | 0 |
| 92 | 1 | 4467 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4478 | OHX | 2 | 0 |
| 92 | 1 | 4499 | OHX | 2 | 0 |
| 92 | 1 | 4501 | OHX | 5 | 0 |
| 92 | 1 | 4274 | OHX | 2 | 0 |
| 92 | 2 | 2088 | OHX | 1 | 0 |
| 92 | 5 | 4297 | OHX | 1 | 0 |
| 92 | 1 | 4310 | OHX | 1 | 0 |
| 92 | 6 | 2225 | OHX | 2 | 0 |
| 92 | 1 | 4482 | OHX | 1 | 0 |
| 92 | 8 | 222 | OHX | 1 | 0 |
| 92 | 1 | 4109 | OHX | 1 | 0 |
| 92 | 5 | 4210 | OHX | 1 | 0 |
| 92 | 2 | 2161 | OHX | 1 | 0 |
| 92 | 1 | 4330 | OHX | 1 | 0 |
| 92 | m7 | 208 | OHX | 1 | 0 |
| 92 | 2 | 2217 | OHX | 1 | 0 |
| 92 | 1 | 4317 | OHX | 1 | 0 |
| 92 | 2 | 2111 | OHX | 1 | 0 |
| 92 | L4 | 408 | OHX | 2 | 0 |
| 92 | 1 | 4231 | OHX | 1 | 0 |
| 92 | 1 | 4158 | OHX | 1 | 0 |
| 92 | 1 | 4140 | OHX | 1 | 0 |
| 92 | 6 | 2176 | OHX | 1 | 0 |
| 92 | 2 | 2198 | OHX | 3 | 0 |
| 92 | 1 | 4408 | OHX | 1 | 0 |
| 92 | 5 | 4387 | OHX | 1 | 0 |
| 92 | c1 | 201 | OHX | 1 | 0 |
| 92 | 5 | 4456 | OHX | 1 | 0 |
| 92 | 2 | 2215 | OHX | 1 | 0 |
| 92 | 6 | 2218 | OHX | 1 | 0 |
| 92 | 1 | 4176 | OHX | 1 | 0 |
| 92 | 5 | 4552 | OHX | 1 | 0 |
| 92 | l5 | 308 | OHX | 1 | 0 |
| 92 | 3 | 224 | OHX | 2 | 0 |
| 92 | 2 | 2142 | OHX | 1 | 0 |
| 92 | 5 | 4511 | OHX | 1 | 0 |
| 92 | 1 | 4390 | OHX | 2 | 0 |
| 92 | 5 | 4556 | OHX | 3 | 0 |
| 92 | l9 | 204 | OHX | 0 | 1 |
| 92 | 6 | 2198 | OHX | 2 | 0 |
| 92 | 5 | 4358 | OHX | 3 | 0 |
| 92 | 1 | 4451 | OHX | 2 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4117 | OHX | 1 | 0 |
| 92 | 2 | 2219 | OHX | 1 | 0 |
| 92 | 5 | 4394 | OHX | 1 | 0 |
| 92 | 1 | 4342 | OHX | 2 | 0 |
| 92 | 5 | 4309 | OHX | 1 | 0 |
| 92 | 1 | 4270 | OHX | 1 | 0 |
| 92 | 1 | 4393 | OHX | 2 | 0 |
| 92 | 2 | 2074 | OHX | 4 | 0 |
| 92 | 5 | 4532 | OHX | 1 | 0 |
| 92 | 6 | 2232 | OHX | 2 | 0 |
| 92 | 6 | 2312 | OHX | 1 | 0 |
| 92 | 5 | 4200 | OHX | 1 | 0 |
| 92 | 1 | 4381 | OHX | 1 | 0 |
| 92 | 6 | 2163 | OHX | 3 | 0 |
| 92 | m5 | 304 | OHX | 1 | 0 |
| 92 | 1 | 4415 | OHX | 4 | 0 |
| 92 | 1 | 4277 | OHX | 1 | 0 |
| 92 | 6 | 2181 | OHX | 1 | 0 |
| 92 | 1 | 4166 | OHX | 1 | 0 |
| 92 | 1 | 4322 | OHX | 1 | 0 |
| 92 | 5 | 4403 | OHX | 1 | 0 |
| 92 | 5 | 4416 | OHX | 1 | 0 |
| 92 | 2 | 2201 | OHX | 1 | 0 |
| 92 | C8 | 203 | OHX | 2 | 0 |
| 92 | 6 | 2296 | OHX | 2 | 0 |
| 92 | a | 101 | OHX | 1 | 0 |
| 92 | 2 | 2112 | OHX | 1 | 0 |
| 92 | 7 | 230 | OHX | 2 | 0 |
| 92 | l5 | 310 | OHX | 1 | 0 |
| 92 | 5 | 4490 | OHX | 1 | 0 |
| 92 | 1 | 4289 | OHX | 1 | 0 |
| 92 | m0 | 303 | OHX | 2 | 0 |
| 92 | 5 | 4156 | OHX | 2 | 0 |
| 92 | 6 | 2178 | OHX | 1 | 0 |
| 92 | 5 | 4273 | OHX | 1 | 0 |
| 92 | 1 | 4445 | OHX | 1 | 0 |
| 92 | 5 | 4345 | OHX | 1 | 0 |
| 92 | 1 | 4315 | OHX | 2 | 0 |
| 92 | 5 | 4157 | OHX | 1 | 0 |
| 92 | 1 | 4167 | OHX | 1 | 0 |
| 92 | 4 | 241 | OHX | 1 | 0 |
| 92 | 5 | 4263 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 6 | 2158 | OHX | 1 | 0 |
| 92 | 5 | 4275 | OHX | 1 | 0 |
| 92 | 2 | 2143 | OHX | 3 | 0 |
| 92 | 5 | 4325 | OHX | 2 | 0 |
| 92 | 2 | 2080 | OHX | 1 | 0 |
| 92 | 5 | 4547 | OHX | 2 | 0 |
| 92 | 2 | 2183 | OHX | 1 | 0 |
| 92 | 5 | 4550 | OHX | 1 | 0 |
| 92 | 5 | 4485 | OHX | 1 | 0 |
| 92 | 1 | 4447 | OHX | 4 | 0 |
| 92 | 1 | 4174 | OHX | 1 | 0 |
| 92 | 6 | 2274 | OHX | 3 | 0 |
| 92 | 2 | 2105 | OHX | 3 | 0 |
| 92 | 1 | 4333 | OHX | 1 | 0 |
| 92 | 6 | 2233 | OHX | 1 | 0 |
| 92 | 2 | 2095 | OHX | 1 | 0 |
| 92 | L3 | 408 | OHX | 1 | 0 |
| 92 | 5 | 4310 | OHX | 1 | 0 |
| 92 | m9 | 202 | OHX | 1 | 0 |
| 92 | 6 | 2215 | OHX | 2 | 0 |
| 92 | 5 | 4182 | OHX | 3 | 0 |
| 92 | 5 | 4479 | OHX | 1 | 0 |
| 92 | C5 | 202 | OHX | 5 | 0 |
| 92 | 1 | 4502 | OHX | 1 | 0 |
| 92 | 2 | 2123 | OHX | 1 | 0 |
| 92 | 5 | 4495 | OHX | 1 | 0 |
| 92 | 1 | 4343 | OHX | 1 | 0 |
| 92 | 6 | 2205 | OHX | 1 | 0 |
| 92 | 1 | 4160 | OHX | 1 | 0 |
| 92 | 5 | 4389 | OHX | 2 | 0 |
| 92 | 5 | 4449 | OHX | 1 | 0 |
| 92 | 5 | 4537 | OHX | 1 | 0 |
| 92 | 5 | 4219 | OHX | 1 | 0 |
| 92 | 1 | 4243 | OHX | 1 | 0 |
| 92 | 2 | 2106 | OHX | 2 | 0 |
| 92 | 3 | 231 | OHX | 1 | 0 |
| 92 | 6 | 2337 | OHX | 1 | 0 |
| 92 | 1 | 4429 | OHX | 1 | 0 |
| 92 | 8 | 224 | OHX | 1 | 0 |
| 92 | 2 | 2156 | OHX | 1 | 0 |
| 92 | 5 | 4158 | OHX | 2 | 0 |
| 92 | 1 | 4110 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 5 | 4451 | OHX | 2 | 0 |
| 92 | 6 | 2305 | OHX | 1 | 0 |
| 92 | 6 | 2224 | OHX | 1 | 0 |
| 92 | 1 | 4206 | OHX | 1 | 0 |
| 92 | 5 | 4558 | OHX | 3 | 0 |
| 92 | 4 | 236 | OHX | 1 | 0 |
| 92 | 6 | 2226 | OHX | 1 | 0 |
| 92 | 5 | 4226 | OHX | 1 | 0 |
| 92 | 8 | 226 | OHX | 2 | 0 |
| 92 | 2 | 2130 | OHX | 1 | 0 |
| 92 | 2 | 2243 | OHX | 5 | 0 |
| 92 | 5 | 4361 | OHX | 1 | 0 |
| 92 | 1 | 4487 | OHX | 8 | 0 |
| 92 | 5 | 4355 | OHX | 1 | 0 |
| 92 | 5 | 4191 | OHX | 2 | 0 |
| 92 | 1 | 4435 | OHX | 2 | 0 |
| 92 | 5 | 4553 | OHX | 1 | 0 |
| 92 | 2 | 2158 | OHX | 3 | 0 |
| 92 | 2 | 2137 | OHX | 1 | 0 |
| 92 | 1 | 4486 | OHX | 2 | 0 |
| 92 | 5 | 4462 | OHX | 2 | 0 |
| 92 | 6 | 2151 | OHX | 1 | 0 |
| 92 | 1 | 4186 | OHX | 1 | 0 |
| 92 | l5 | 309 | OHX | 1 | 0 |
| 92 | 2 | 2125 | OHX | 1 | 0 |
| 92 | 1 | 4377 | OHX | 2 | 0 |
| 92 | 2 | 2131 | OHX | 1 | 0 |
| 92 | c5 | 201 | OHX | 3 | 0 |
| 92 | M0 | 306 | OHX | 1 | 0 |
| 92 | Q2 | 505 | OHX | 4 | 0 |
| 92 | 2 | 2078 | OHX | 2 | 0 |
| 92 | 1 | 4211 | OHX | 1 | 0 |
| 92 | 1 | 4100 | OHX | 1 | 0 |
| 92 | 2 | 2177 | OHX | 1 | 0 |
| 92 | 5 | 4346 | OHX | 1 | 0 |
| 92 | N1 | 202 | OHX | 1 | 0 |
| 92 | 5 | 4474 | OHX | 2 | 0 |
| 92 | 6 | 2310 | OHX | 2 | 0 |
| 92 | 1 | 4275 | OHX | 2 | 0 |
| 92 | 6 | 2300 | OHX | 1 | 0 |
| 92 | 5 | 4170 | OHX | 1 | 0 |
| 92 | 1 | 4172 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4362 | OHX | 1 | 0 |
| 92 | 1 | 4490 | OHX | 1 | 0 |
| 92 | 14 | 404 | OHX | 3 | 0 |
| 92 | 6 | 2245 | OHX | 1 | 0 |
| 92 | 1 | 4294 | OHX | 1 | 0 |
| 92 | 5 | 4480 | OHX | 1 | 0 |
| 92 | 1 | 4373 | OHX | 1 | 0 |
| 92 | 1 | 4292 | OHX | 1 | 0 |
| 92 | M9 | 204 | OHX | 1 | 0 |
| 92 | 5 | 4246 | OHX | 1 | 0 |
| 92 | 6 | 2238 | OHX | 1 | 0 |
| 92 | 5 | 4252 | OHX | 1 | 0 |
| 92 | 1 | 4301 | OHX | 1 | 0 |
| 92 | 2 | 2238 | OHX | 1 | 0 |
| 92 | 5 | 4380 | OHX | 1 | 0 |
| 92 | 5 | 4216 | OHX | 1 | 0 |
| 92 | 1 | 4152 | OHX | 1 | 0 |
| 92 | 5 | 4457 | OHX | 1 | 0 |
| 92 | 5 | 4168 | OHX | 1 | 0 |
| 92 | 1 | 4159 | OHX | 1 | 0 |
| 92 | 6 | 2189 | OHX | 1 | 0 |
| 92 | 5 | 4174 | OHX | 1 | 0 |
| 92 | 5 | 4482 | OHX | 1 | 0 |
| 92 | 6 | 2180 | OHX | 1 | 0 |
| 92 | 5 | 4271 | OHX | 1 | 0 |
| 92 | 6 | 2316 | OHX | 1 | 0 |
| 92 | 5 | 4409 | OHX | 4 | 0 |
| 92 | 5 | 4491 | OHX | 1 | 0 |
| 92 | 6 | 2293 | OHX | 1 | 0 |
| 92 | 1 | 4430 | OHX | 1 | 0 |
| 92 | 1 | 4278 | OHX | 2 | 0 |
| 92 | 6 | 2295 | OHX | 1 | 0 |
| 92 | n3 | 204 | OHX | 1 | 0 |
| 92 | 2 | 2117 | OHX | 1 | 0 |
| 92 | N9 | 102 | OHX | 1 | 0 |
| 92 | 2 | 2255 | OHX | 3 | 0 |
| 92 | 5 | 4455 | OHX | 1 | 0 |
| 92 | 1 | 4357 | OHX | 1 | 0 |
| 92 | 1 | 4130 | OHX | 2 | 0 |
| 92 | C3 | 201 | OHX | 1 | 0 |
| 92 | 6 | 2170 | OHX | 1 | 0 |
| 92 | 2 | 2225 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4217 | OHX | 2 | 0 |
| 92 | 5 | 4276 | OHX | 1 | 0 |
| 92 | 5 | 4202 | OHX | 1 | 0 |
| 92 | 6 | 2249 | OHX | 1 | 0 |
| 92 | 1 | 4105 | OHX | 3 | 0 |
| 92 | 2 | 2249 | OHX | 2 | 0 |
| 92 | 1 | 4468 | OHX | 2 | 0 |
| 92 | 2 | 2251 | OHX | 3 | 0 |
| 92 | 1 | 4347 | OHX | 1 | 0 |
| 92 | 1 | 4400 | OHX | 2 | 0 |
| 92 | 5 | 4353 | OHX | 1 | 0 |
| 92 | 7 | 239 | OHX | 1 | 0 |
| 92 | O1 | 202 | OHX | 1 | 0 |
| 92 | 6 | 2281 | OHX | 3 | 0 |
| 92 | 2 | 2087 | OHX | 1 | 0 |
| 92 | 8 | 235 | OHX | 2 | 0 |
| 92 | M0 | 308 | OHX | 5 | 0 |
| 92 | 6 | 2278 | OHX | 1 | 0 |
| 92 | 6 | 2169 | OHX | 2 | 0 |
| 92 | 2 | 2134 | OHX | 1 | 0 |
| 92 | 5 | 4442 | OHX | 2 | 0 |
| 92 | 5 | 4375 | OHX | 1 | 0 |
| 92 | 6 | 2332 | OHX | 1 | 0 |
| 92 | 2 | 2203 | OHX | 4 | 0 |
| 92 | 6 | 2252 | OHX | 1 | 0 |
| 92 | 6 | 2262 | OHX | 1 | 0 |
| 92 | 5 | 4465 | OHX | 2 | 0 |
| 92 | 2 | 2218 | OHX | 2 | 0 |
| 92 | 6 | 2324 | OHX | 1 | 0 |
| 92 | 5 | 4311 | OHX | 1 | 0 |
| 92 | 6 | 2206 | OHX | 1 | 0 |
| 92 | 5 | 4184 | OHX | 1 | 0 |
| 92 | 2 | 2144 | OHX | 1 | 0 |
| 92 | 5 | 4260 | OHX | 5 | 0 |
| 92 | 2 | 2186 | OHX | 1 | 0 |
| 92 | 1 | 4446 | OHX | 13 | 0 |
| 92 | 6 | 2171 | OHX | 1 | 0 |
| 92 | M5 | 310 | OHX | 1 | 0 |
| 92 | 1 | 4209 | OHX | 1 | 0 |
| 92 | 5 | 4425 | OHX | 1 | 0 |
| 92 | 5 | 4504 | OHX | 2 | 0 |
| 92 | 6 | 2257 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 1 | 4307 | OHX | 1 | 0 |
| 92 | 1 | 4216 | OHX | 1 | 0 |
| 92 | 5 | 4313 | OHX | 1 | 0 |
| 92 | 1 | 4397 | OHX | 2 | 0 |
| 92 | 1 | 4385 | OHX | 5 | 0 |
| 92 | 2 | 2120 | OHX | 1 | 0 |
| 92 | 5 | 4437 | OHX | 3 | 0 |
| 92 | 5 | 4285 | OHX | 1 | 0 |
| 92 | 5 | 4316 | OHX | 2 | 0 |
| 92 | 2 | 2145 | OHX | 1 | 0 |
| 92 | 5 | 4204 | OHX | 1 | 0 |
| 92 | 6 | 2168 | OHX | 1 | 0 |
| 92 | 1 | 4143 | OHX | 2 | 0 |
| 92 | 2 | 2179 | OHX | 1 | 0 |
| 92 | 5 | 4293 | OHX | 1 | 0 |
| 92 | 5 | 4269 | OHX | 1 | 0 |
| 92 | 1 | 4359 | OHX | 3 | 0 |
| 92 | 2 | 2254 | OHX | 1 | 0 |
| 92 | 5 | 4549 | OHX | 1 | 0 |
| 92 | 5 | 4542 | OHX | 1 | 0 |
| 92 | 5 | 4341 | OHX | 2 | 0 |
| 92 | 1 | 4102 | OHX | 1 | 0 |
| 92 | c5 | 202 | OHX | 7 | 0 |
| 92 | m5 | 303 | OHX | 2 | 0 |
| 92 | 1 | 4348 | OHX | 1 | 0 |
| 92 | 1 | 4234 | OHX | 1 | 0 |
| 92 | L3 | 407 | OHX | 1 | 0 |
| 92 | 1 | 4323 | OHX | 1 | 0 |
| 92 | 1 | 4245 | OHX | 1 | 0 |
| 92 | 6 | 2323 | OHX | 2 | 0 |
| 92 | 1 | 4118 | OHX | 1 | 0 |
| 92 | 5 | 4566 | OHX | 1 | 0 |
| 92 | 1 | 4104 | OHX | 1 | 0 |
| 92 | 1 | 4233 | OHX | 2 | 0 |
| 92 | 1 | 4389 | OHX | 1 | 0 |
| 92 | 5 | 4568 | OHX | 1 | 0 |
| 92 | L5 | 301 | OHX | 1 | 0 |
| 92 | 2 | 2069 | OHX | 1 | 0 |
| 92 | 6 | 2298 | OHX | 1 | 0 |
| 92 | 8 | 225 | OHX | 1 | 0 |
| 92 | 2 | 2165 | OHX | 1 | 0 |
| 92 | 1 | 4188 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 5 | 4222 | OHX | 1 | 0 |
| 92 | 5 | 4453 | OHX | 1 | 0 |
| 92 | 1 | 4396 | OHX | 1 | 0 |
| 92 | 5 | 4217 | OHX | 1 | 0 |
| 92 | 2 | 2184 | OHX | 2 | 0 |
| 92 | 2 | 2202 | OHX | 1 | 0 |
| 92 | 5 | 4458 | OHX | 2 | 0 |
| 92 | 1 | 4340 | OHX | 1 | 0 |
| 92 | 5 | 4459 | OHX | 1 | 0 |
| 92 | 5 | 4192 | OHX | 1 | 0 |
| 92 | 6 | 2239 | OHX | 1 | 0 |
| 92 | 1 | 4493 | OHX | 1 | 0 |
| 92 | 5 | 4336 | OHX | 1 | 0 |
| 92 | 1 | 4226 | OHX | 1 | 0 |
| 92 | 8 | 231 | OHX | 2 | 0 |
| 92 | 5 | 4329 | OHX | 1 | 0 |
| 92 | 2 | 2104 | OHX | 2 | 0 |
| 92 | 1 | 4420 | OHX | 3 | 0 |
| 92 | 6 | 2325 | OHX | 1 | 0 |
| 92 | S8 | 303 | OHX | 1 | 0 |
| 92 | 6 | 2297 | OHX | 1 | 0 |
| 92 | 5 | 4281 | OHX | 1 | 0 |
| 92 | 1 | 4466 | OHX | 1 | 0 |
| 92 | 1 | 4465 | OHX | 1 | 0 |
| 92 | 5 | 4530 | OHX | 1 | 0 |
| 92 | 5 | 4247 | OHX | 1 | 0 |
| 92 | 5 | 4199 | OHX | 1 | 0 |
| 92 | 1 | 4191 | OHX | 2 | 0 |
| 92 | 3 | 220 | OHX | 1 | 0 |
| 92 | l3 | 412 | OHX | 1 | 0 |
| 92 | 6 | 2184 | OHX | 1 | 0 |
| 92 | 1 | 4194 | OHX | 1 | 0 |
| 92 | 2 | 2081 | OHX | 1 | 0 |
| 92 | 4 | 240 | OHX | 2 | 0 |
| 92 | 4 | 238 | OHX | 2 | 0 |
| 92 | 5 | 4344 | OHX | 1 | 0 |
| 92 | 2 | 2094 | OHX | 1 | 0 |
| 92 | 2 | 2242 | OHX | 2 | 0 |
| 92 | 5 | 4407 | OHX | 1 | 0 |
| 92 | 1 | 4481 | OHX | 1 | 0 |
| 92 | 8 | 228 | OHX | 1 | 0 |
| 92 | 6 | 2302 | OHX | 1 | 0 |

Continued on next page...

Continued from previous page...

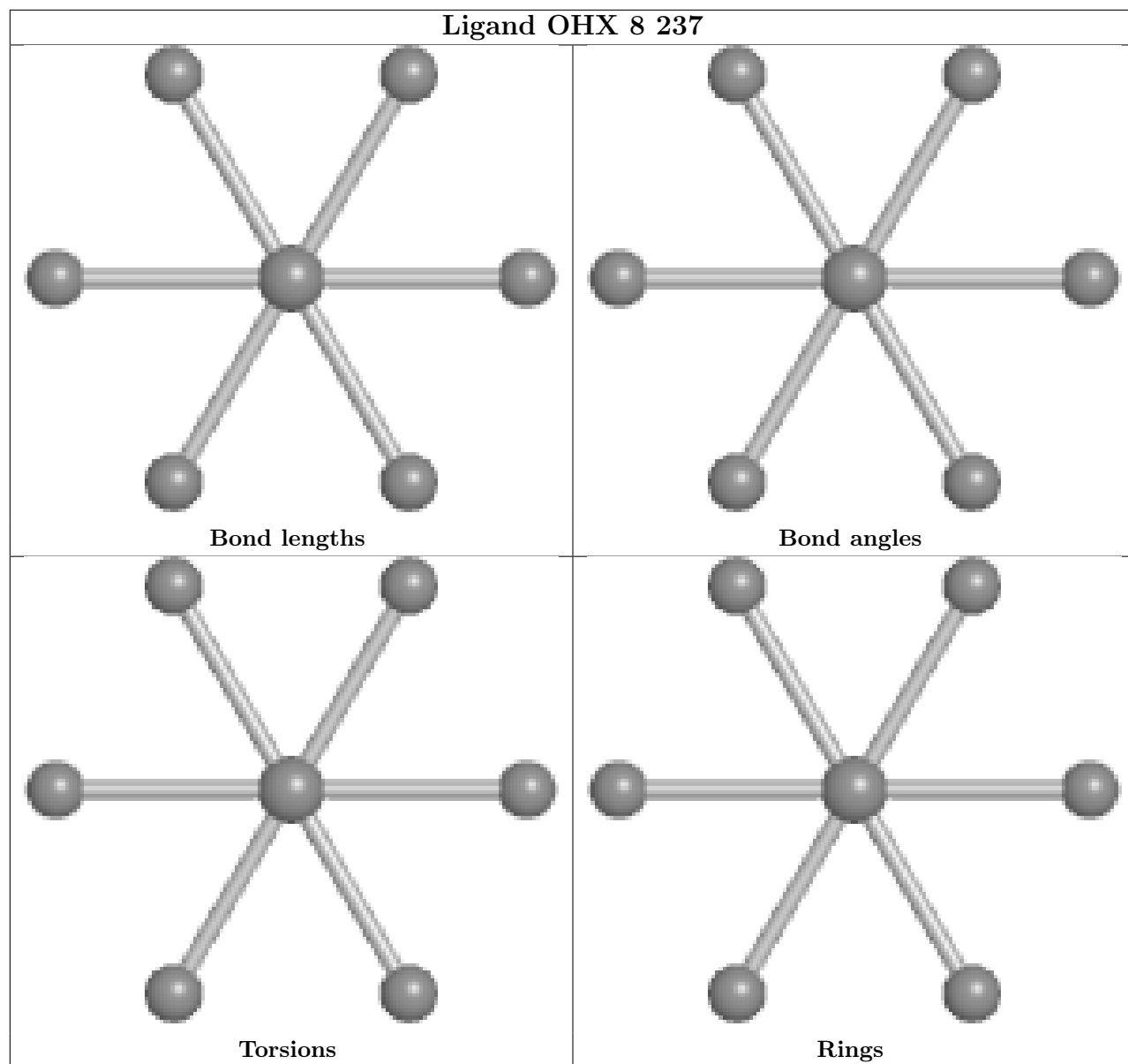
| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 2 | 2211 | OHX | 1 | 0 |
| 92 | 5 | 4551 | OHX | 2 | 0 |
| 92 | 1 | 4491 | OHX | 2 | 0 |
| 92 | 1 | 4196 | OHX | 1 | 0 |
| 92 | 1 | 4238 | OHX | 1 | 0 |
| 92 | 5 | 4338 | OHX | 1 | 0 |
| 92 | 1 | 4253 | OHX | 2 | 0 |
| 92 | 1 | 4170 | OHX | 1 | 0 |
| 92 | 5 | 4518 | OHX | 1 | 0 |
| 92 | 2 | 2114 | OHX | 1 | 0 |
| 92 | 6 | 2209 | OHX | 1 | 0 |
| 92 | 2 | 2096 | OHX | 1 | 0 |
| 92 | 1 | 4286 | OHX | 1 | 0 |
| 92 | 2 | 2229 | OHX | 1 | 0 |
| 92 | 1 | 4151 | OHX | 1 | 0 |
| 92 | 6 | 2259 | OHX | 1 | 0 |
| 92 | 5 | 4203 | OHX | 1 | 0 |
| 92 | O7 | 107 | OHX | 6 | 0 |
| 92 | 1 | 4135 | OHX | 1 | 0 |
| 92 | 1 | 4108 | OHX | 1 | 0 |
| 92 | 6 | 2294 | OHX | 2 | 0 |
| 92 | 1 | 4111 | OHX | 1 | 0 |
| 92 | 5 | 4426 | OHX | 1 | 0 |
| 92 | 1 | 4411 | OHX | 1 | 0 |
| 92 | m0 | 305 | OHX | 1 | 0 |
| 92 | 5 | 4428 | OHX | 1 | 0 |
| 92 | 1 | 4480 | OHX | 1 | 0 |
| 92 | 2 | 2236 | OHX | 1 | 0 |
| 92 | 5 | 4454 | OHX | 1 | 0 |
| 92 | 1 | 4492 | OHX | 1 | 0 |
| 92 | L2 | 305 | OHX | 1 | 0 |
| 92 | 2 | 2113 | OHX | 1 | 0 |
| 92 | 1 | 4370 | OHX | 1 | 0 |
| 92 | 2 | 2171 | OHX | 1 | 0 |
| 92 | 5 | 4524 | OHX | 1 | 0 |
| 92 | 1 | 4354 | OHX | 1 | 0 |
| 92 | 5 | 4397 | OHX | 2 | 0 |
| 92 | 1 | 4436 | OHX | 5 | 0 |
| 92 | 5 | 4289 | OHX | 2 | 0 |
| 92 | 1 | 4268 | OHX | 1 | 0 |
| 92 | 5 | 4385 | OHX | 2 | 0 |
| 92 | 2 | 2212 | OHX | 1 | 0 |

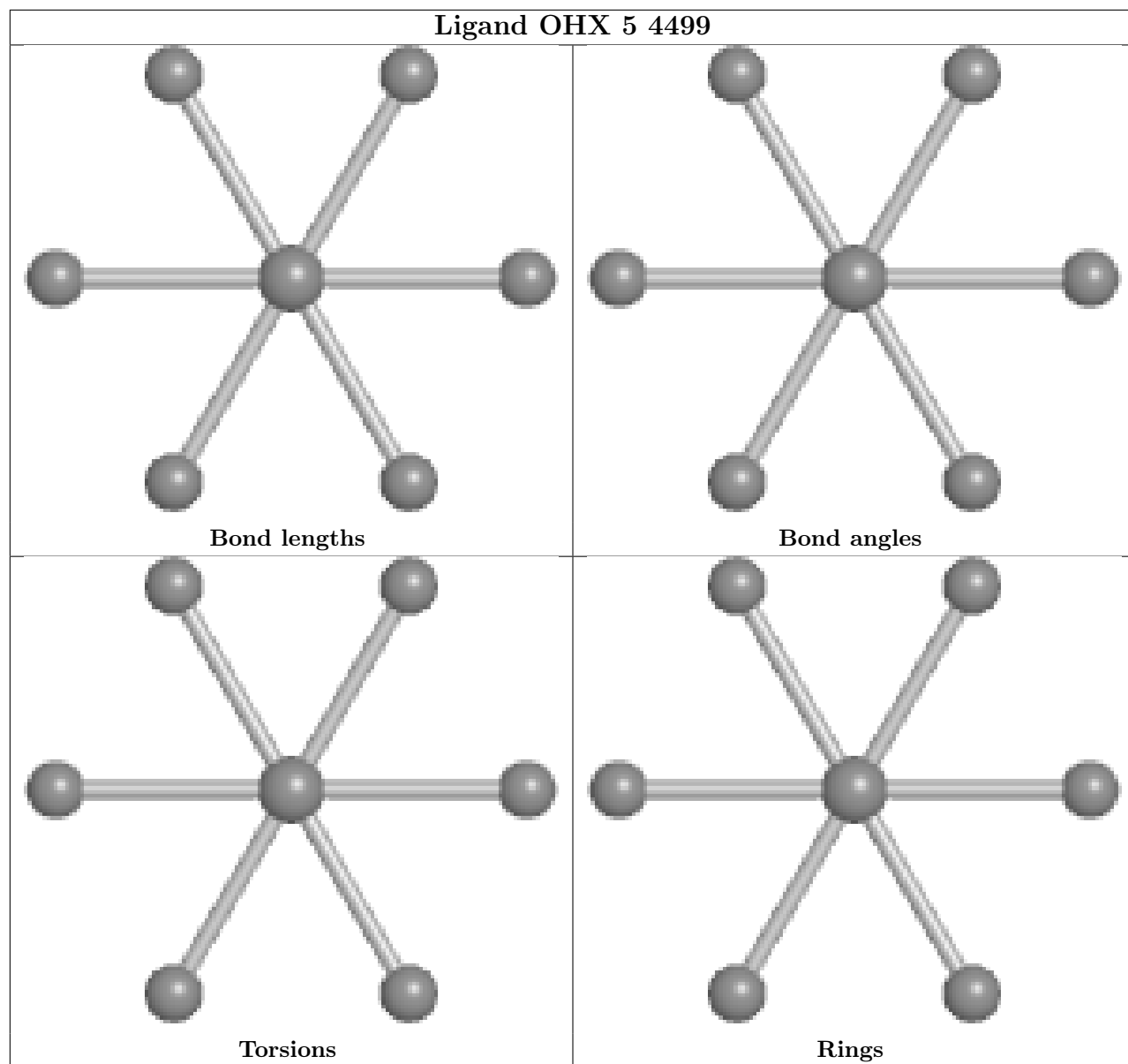
Continued on next page...

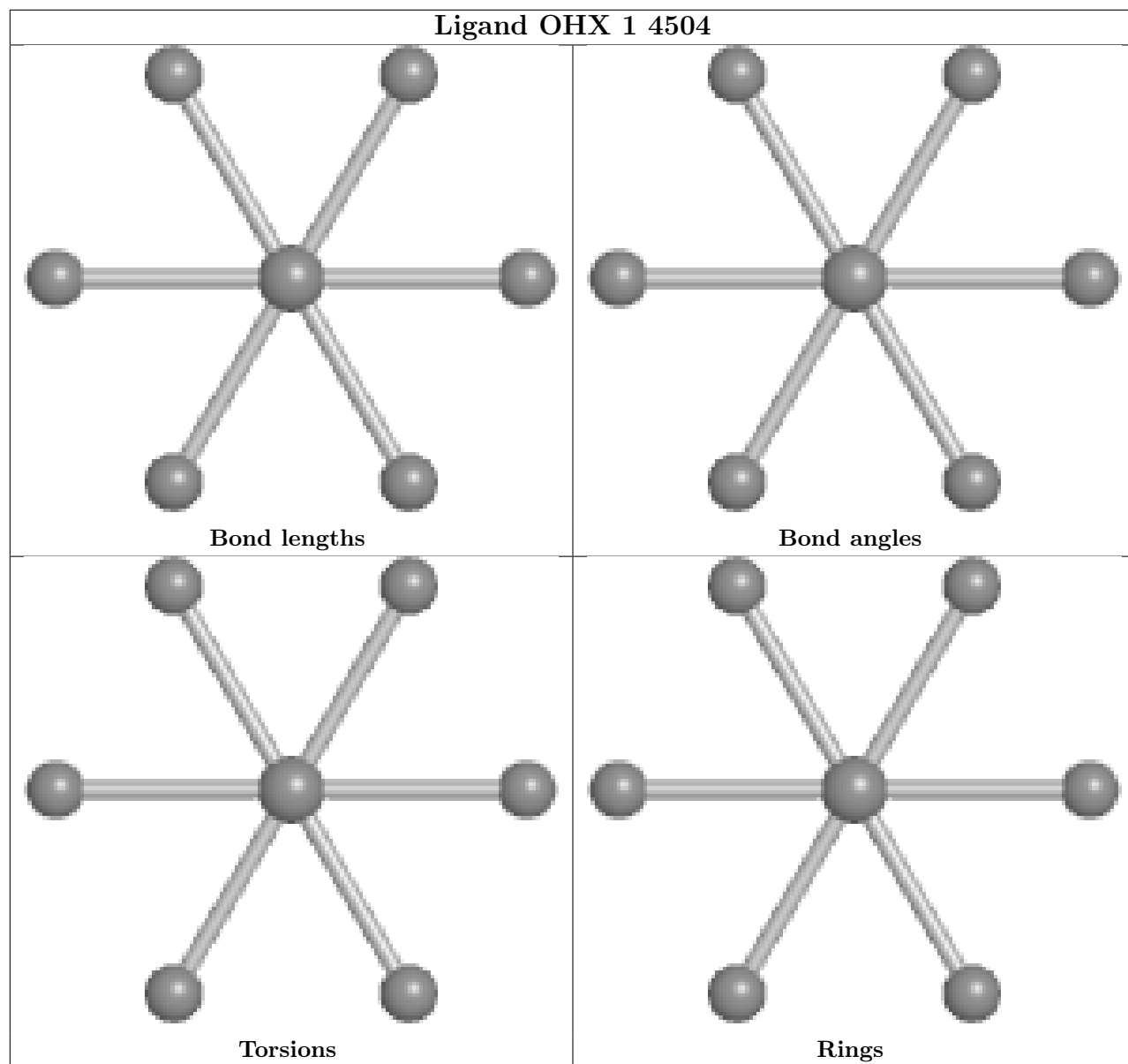
Continued from previous page...

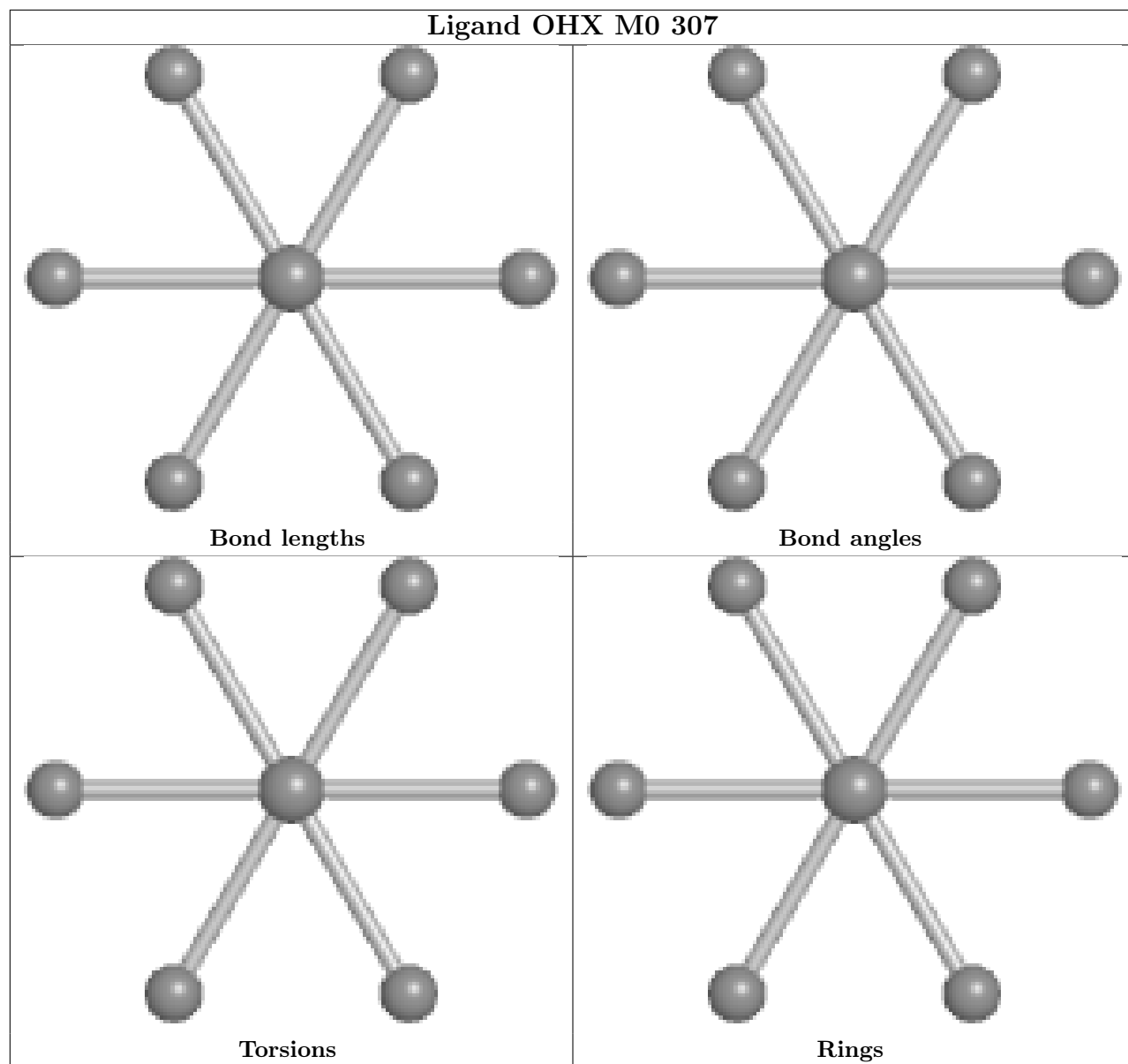
| Mol | Chain | Res | Type | Clashes | Symm-Clashes |
|-----|-------|------|------|---------|--------------|
| 92 | 2 | 2118 | OHX | 2 | 0 |
| 92 | 5 | 4366 | OHX | 1 | 0 |
| 92 | 5 | 4441 | OHX | 1 | 0 |
| 92 | 5 | 4218 | OHX | 3 | 0 |
| 92 | 6 | 2339 | OHX | 6 | 0 |
| 92 | 5 | 4541 | OHX | 1 | 0 |
| 92 | 5 | 4308 | OHX | 1 | 0 |
| 92 | 1 | 4401 | OHX | 1 | 0 |
| 92 | 5 | 4526 | OHX | 1 | 0 |
| 92 | 6 | 2208 | OHX | 1 | 0 |
| 92 | 6 | 2283 | OHX | 2 | 0 |
| 92 | 2 | 2083 | OHX | 1 | 0 |
| 92 | 6 | 2336 | OHX | 1 | 0 |
| 92 | 6 | 2230 | OHX | 1 | 0 |
| 92 | 1 | 4500 | OHX | 8 | 0 |
| 92 | 2 | 2230 | OHX | 2 | 0 |
| 92 | 5 | 4348 | OHX | 2 | 0 |
| 92 | 1 | 4345 | OHX | 2 | 0 |
| 92 | 1 | 4192 | OHX | 4 | 0 |
| 92 | 6 | 2244 | OHX | 1 | 0 |
| 92 | 5 | 4384 | OHX | 1 | 0 |
| 92 | 1 | 4215 | OHX | 1 | 0 |
| 92 | 5 | 4356 | OHX | 1 | 0 |
| 92 | 1 | 4235 | OHX | 1 | 0 |
| 92 | O7 | 108 | OHX | 1 | 0 |
| 92 | 5 | 4408 | OHX | 1 | 0 |
| 92 | 5 | 4284 | OHX | 1 | 0 |

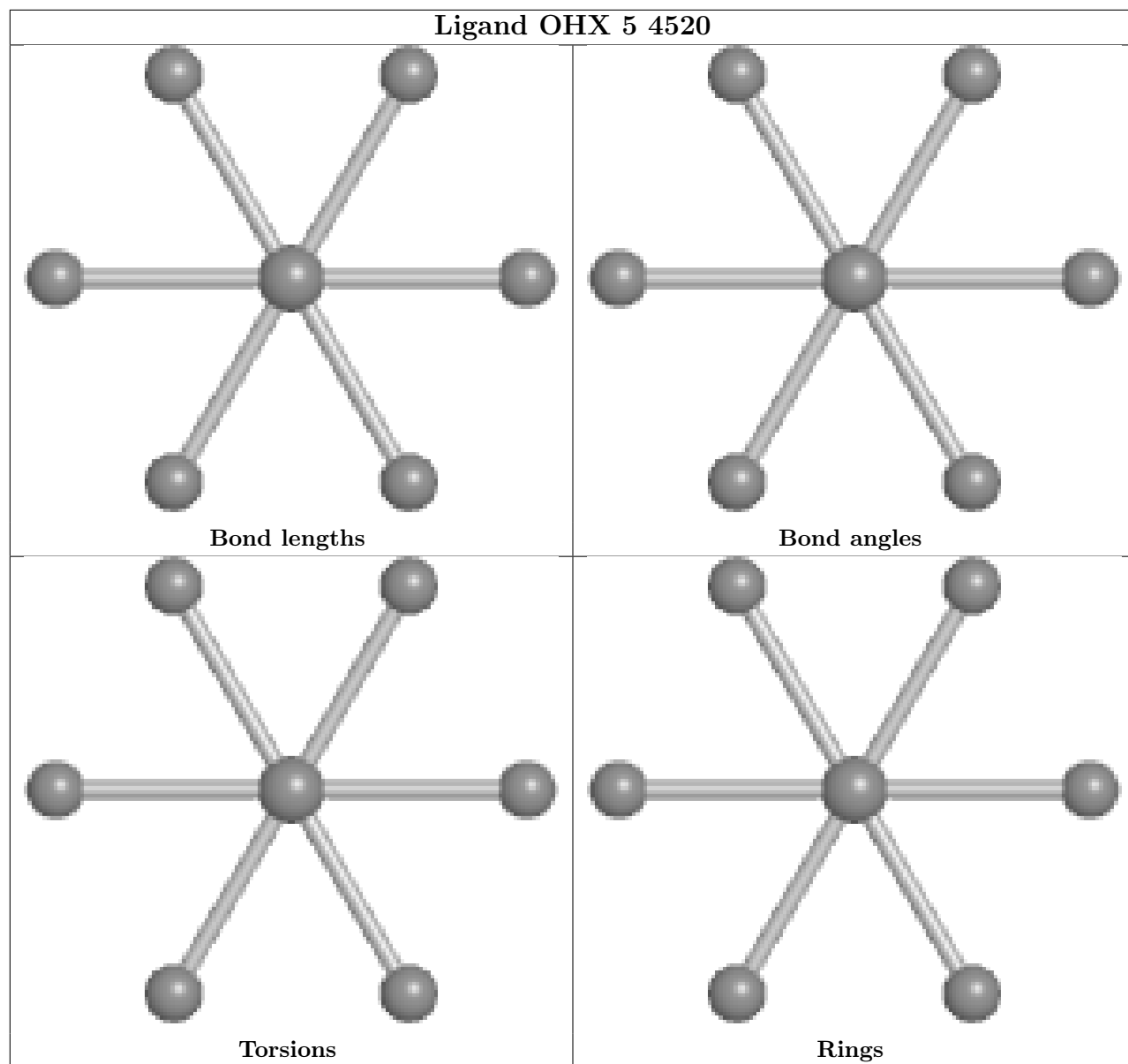
The following is a two-dimensional graphical depiction of Mogul quality analysis of bond lengths, bond angles, torsion angles, and ring geometry for all instances of the Ligand of Interest. In addition, ligands with molecular weight > 250 and outliers as shown on the validation Tables will also be included.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

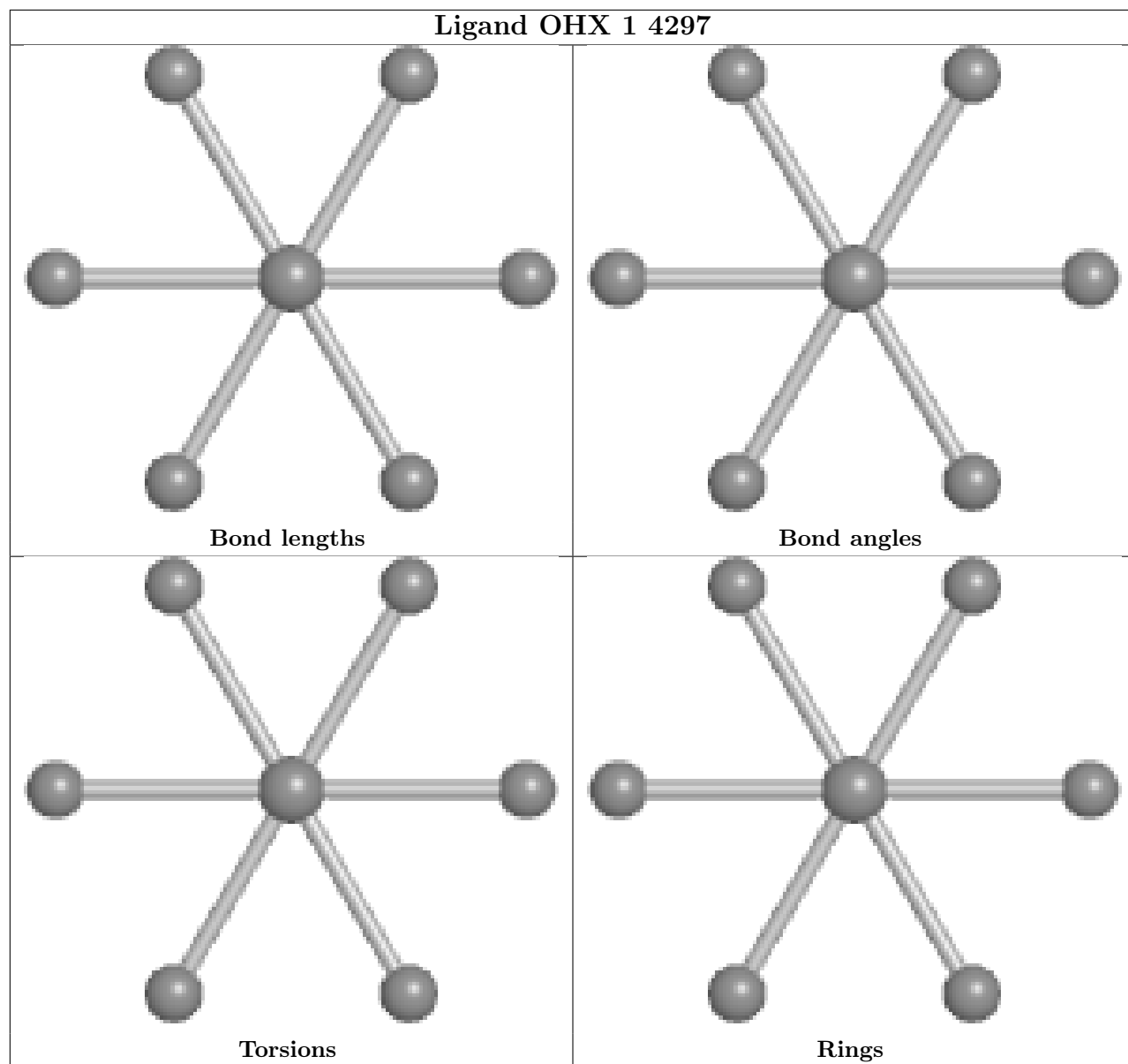


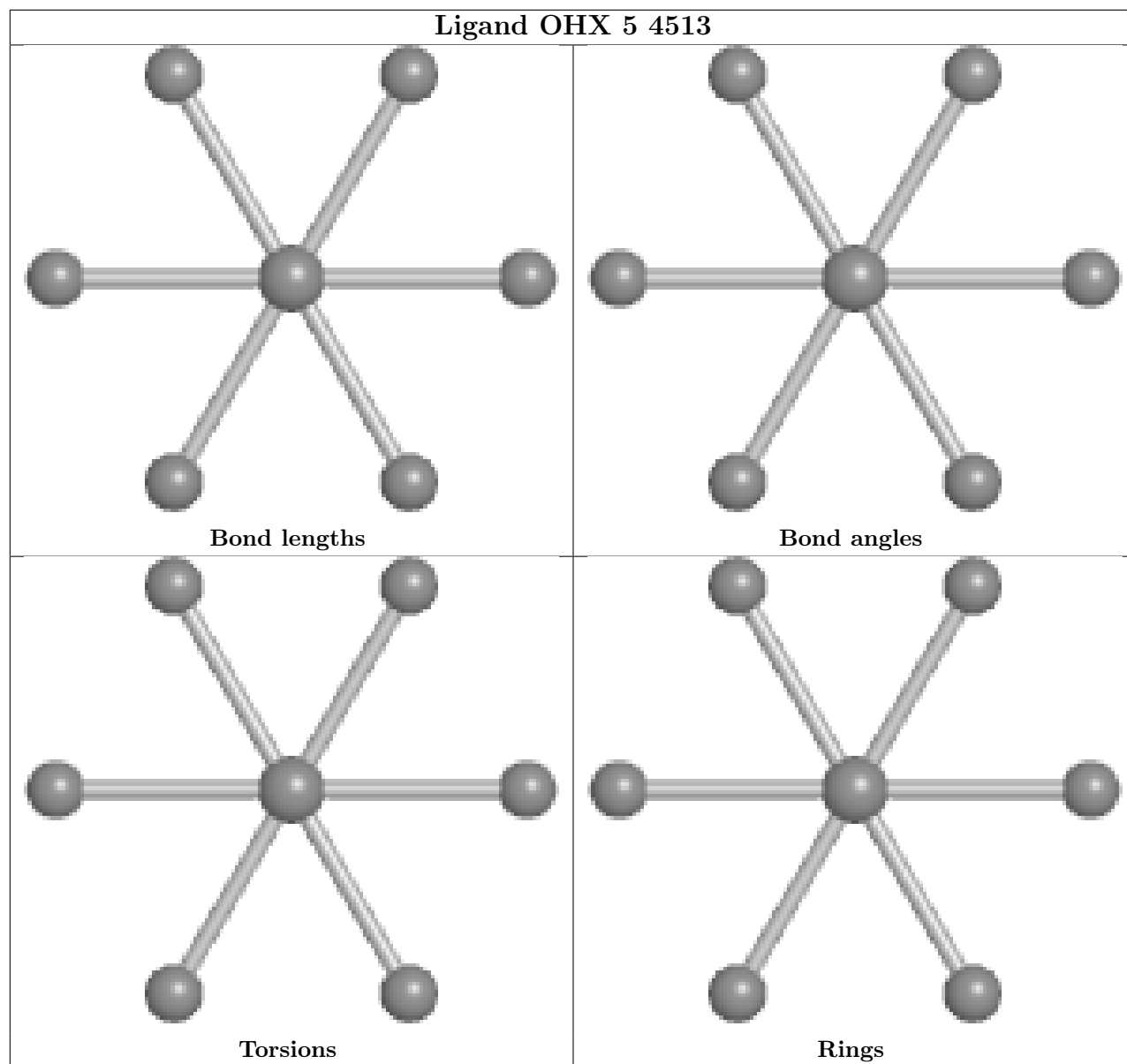


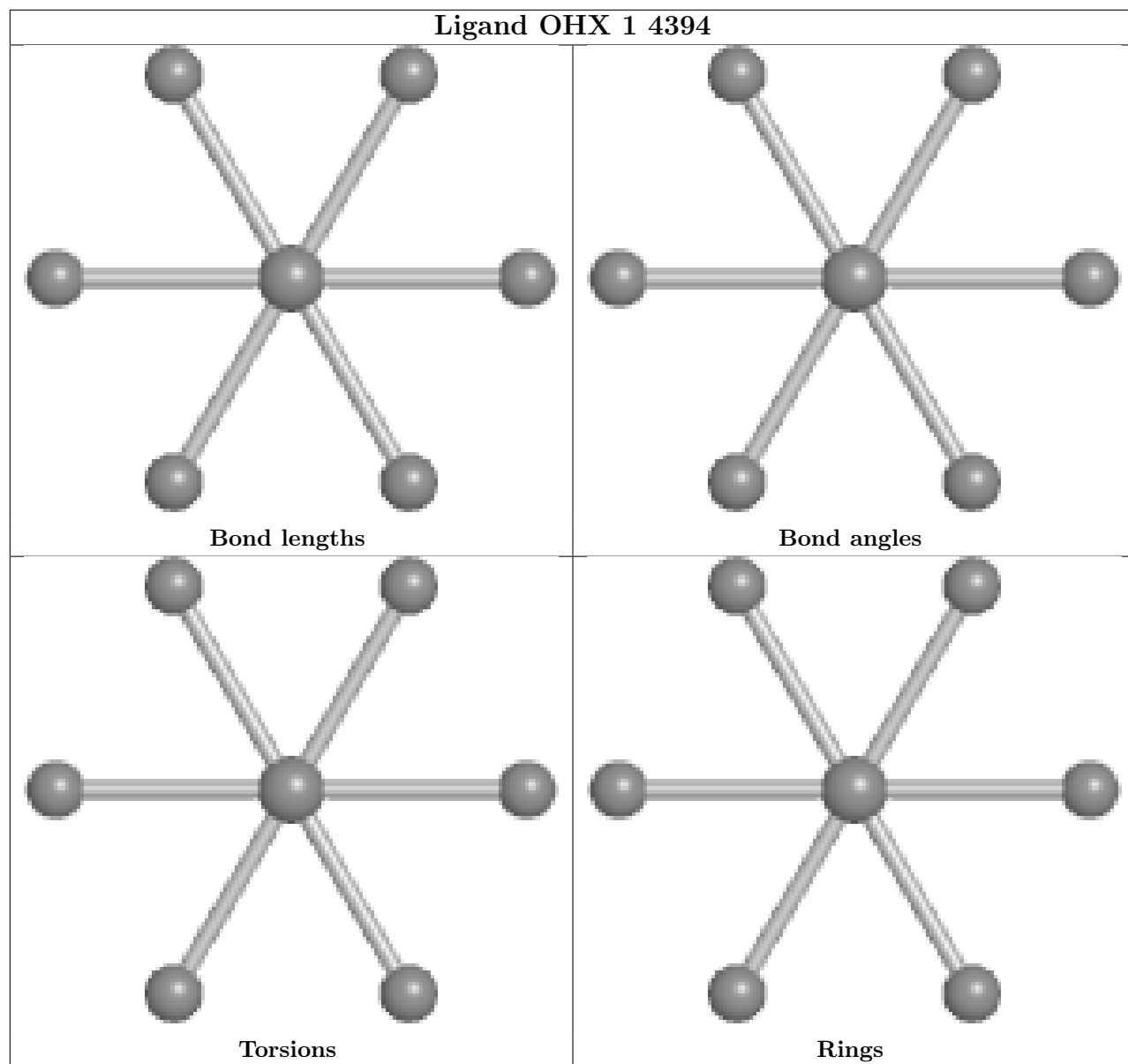


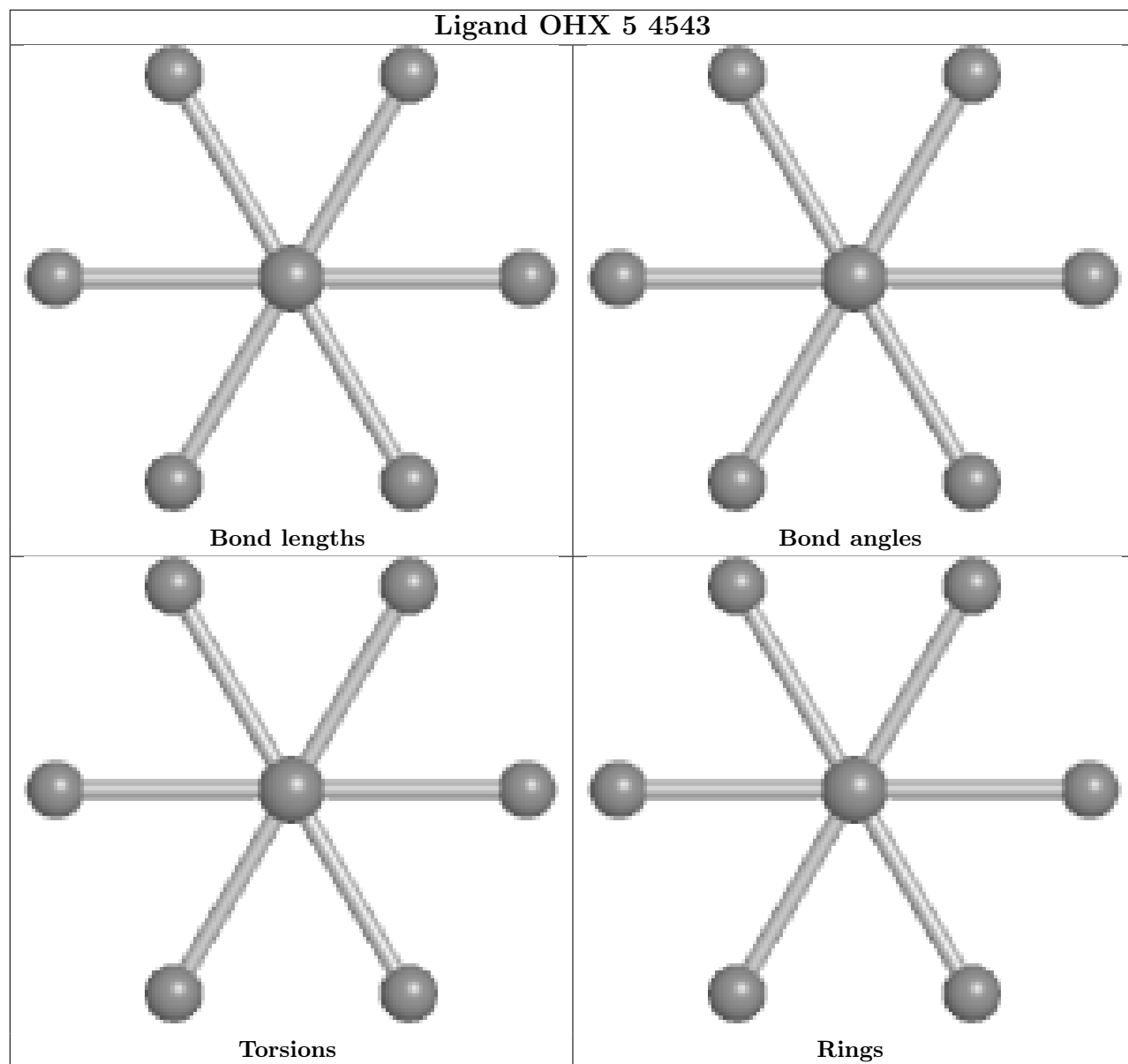


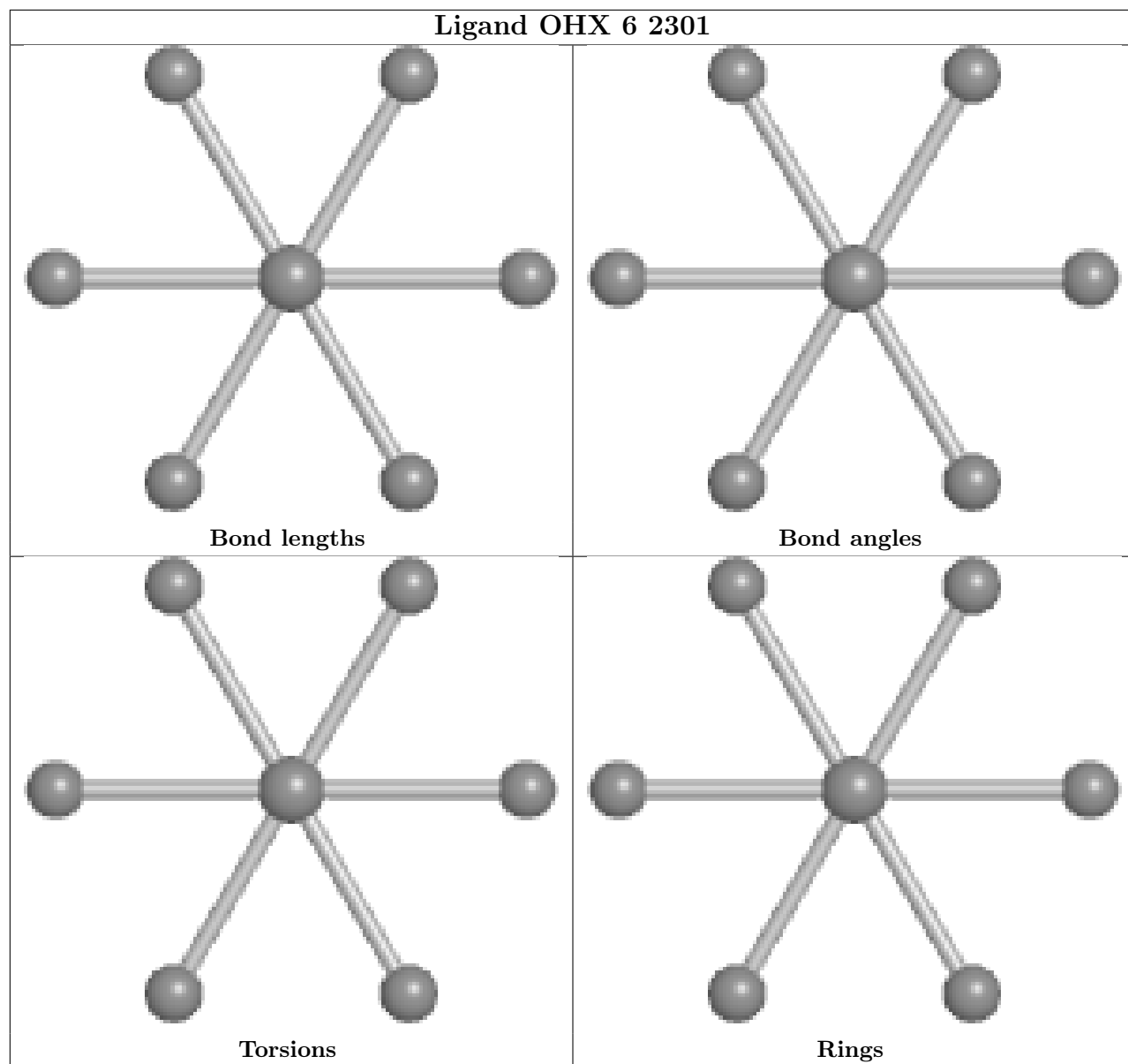


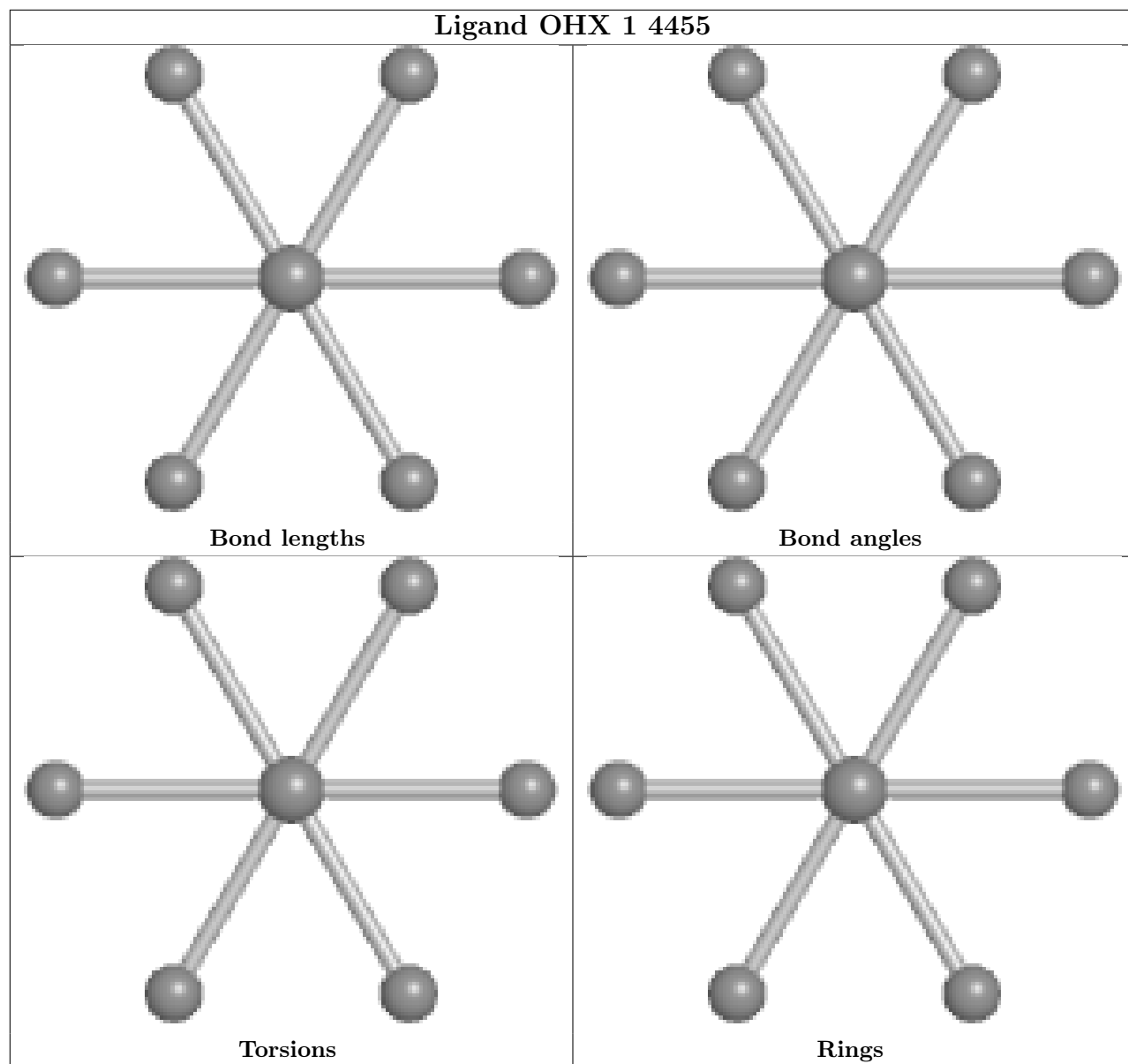


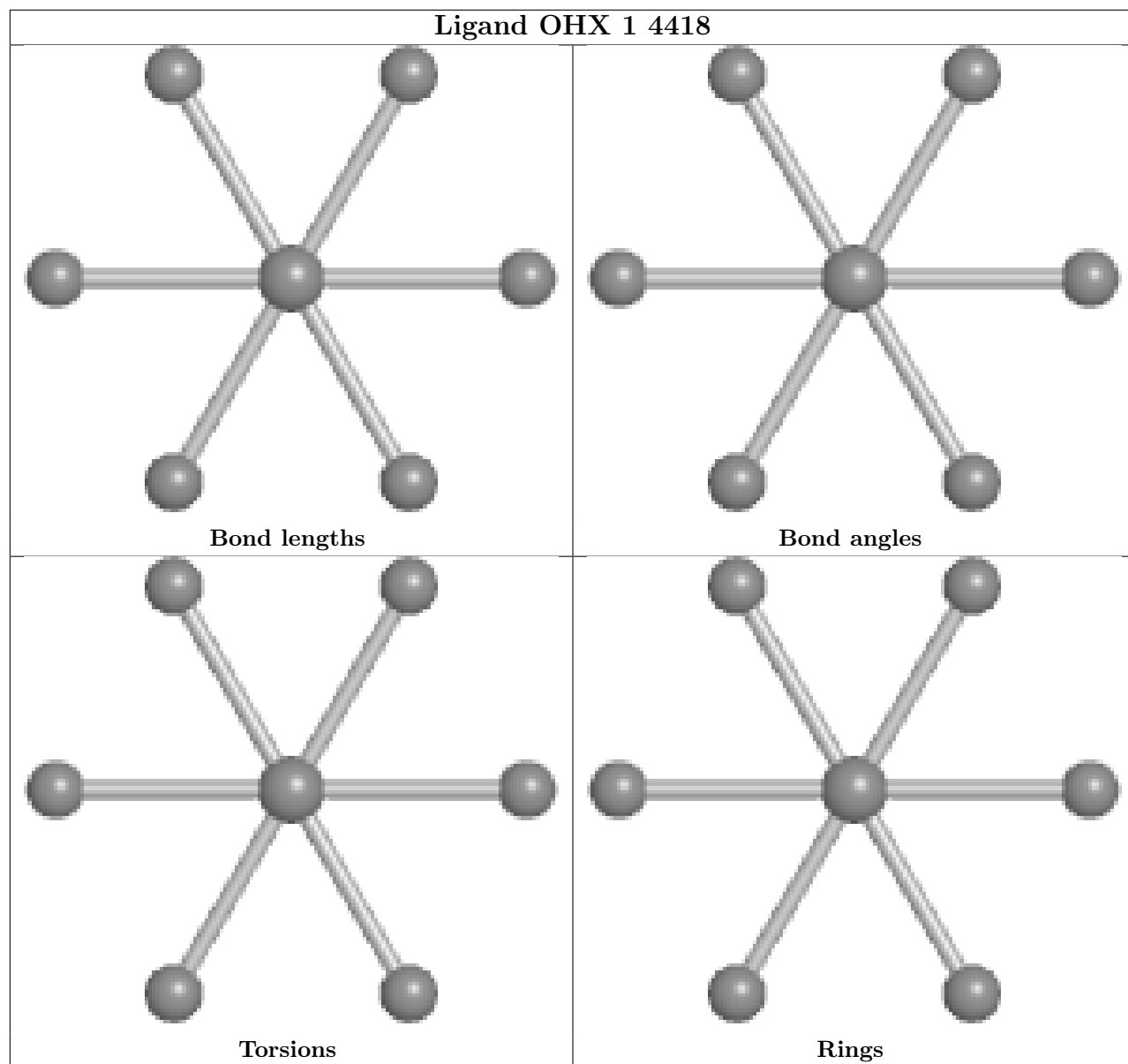


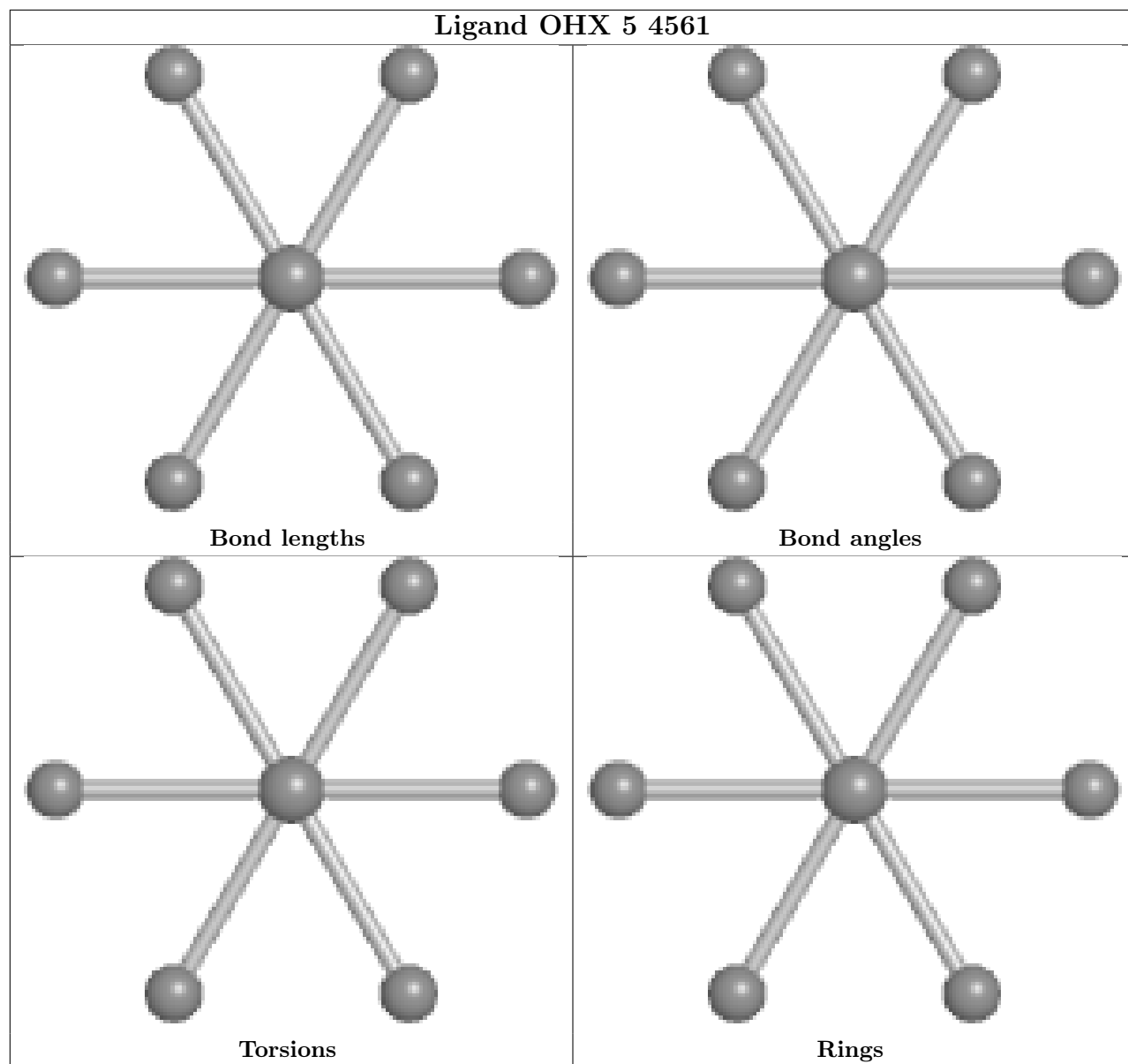


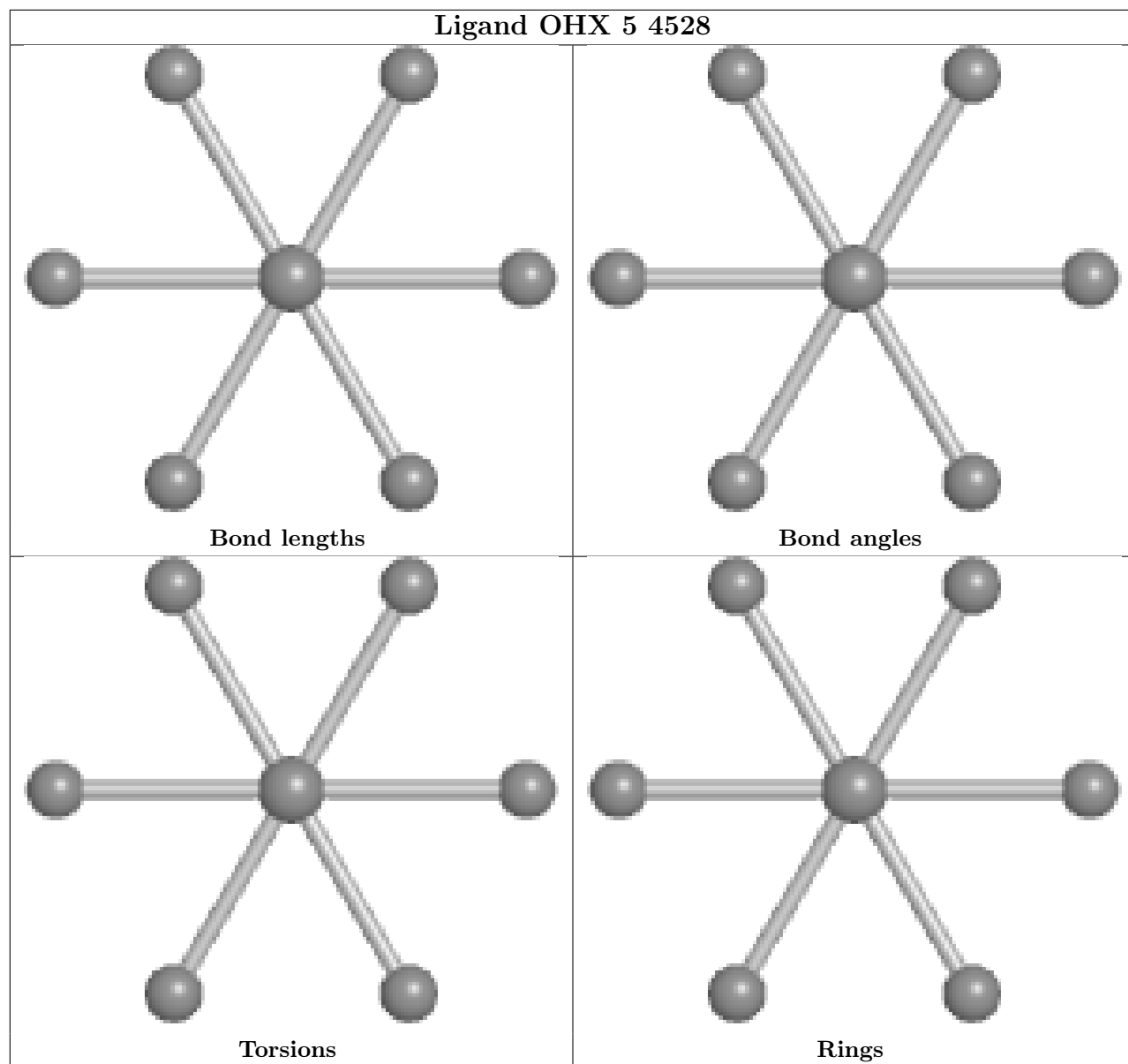


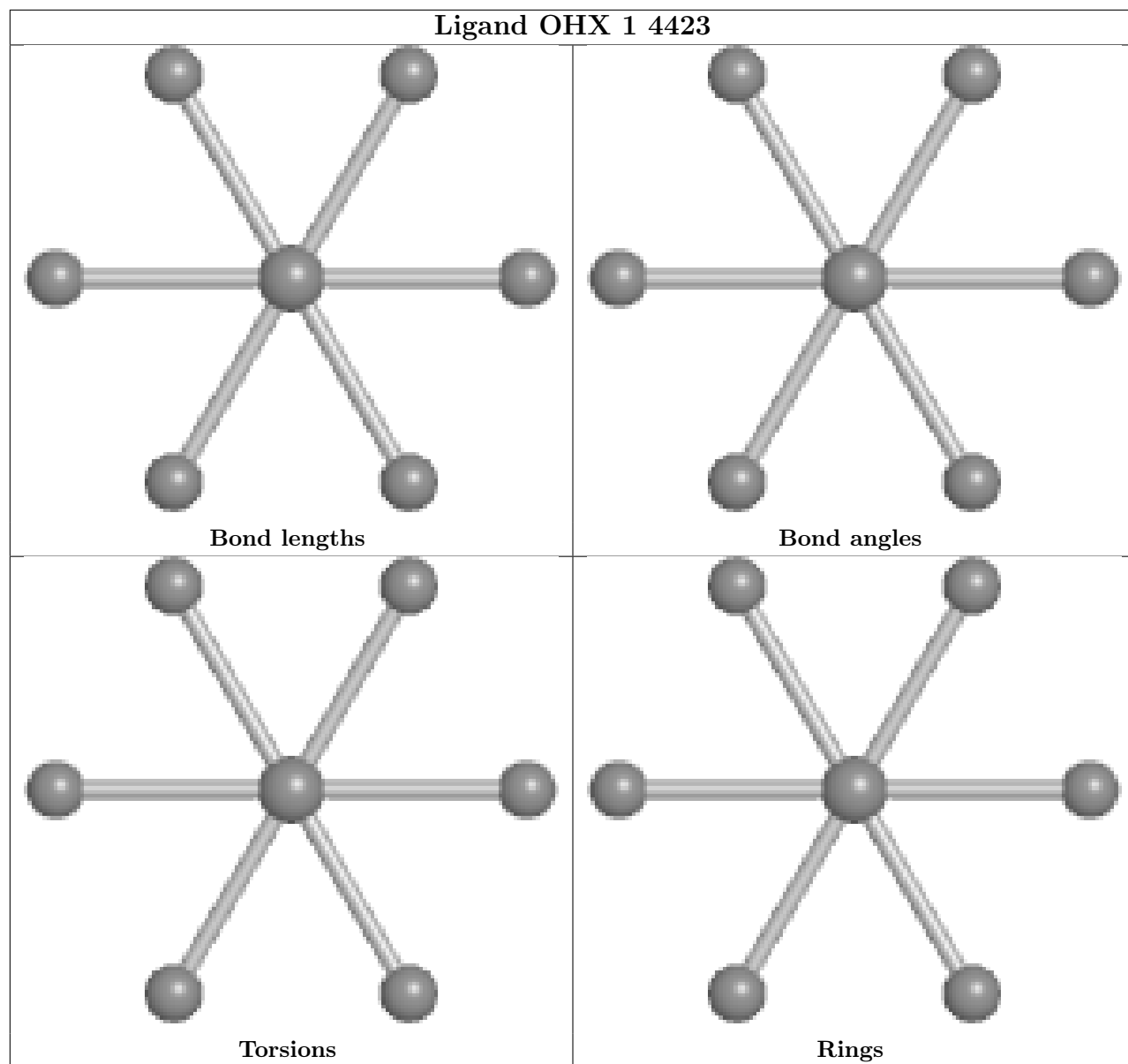


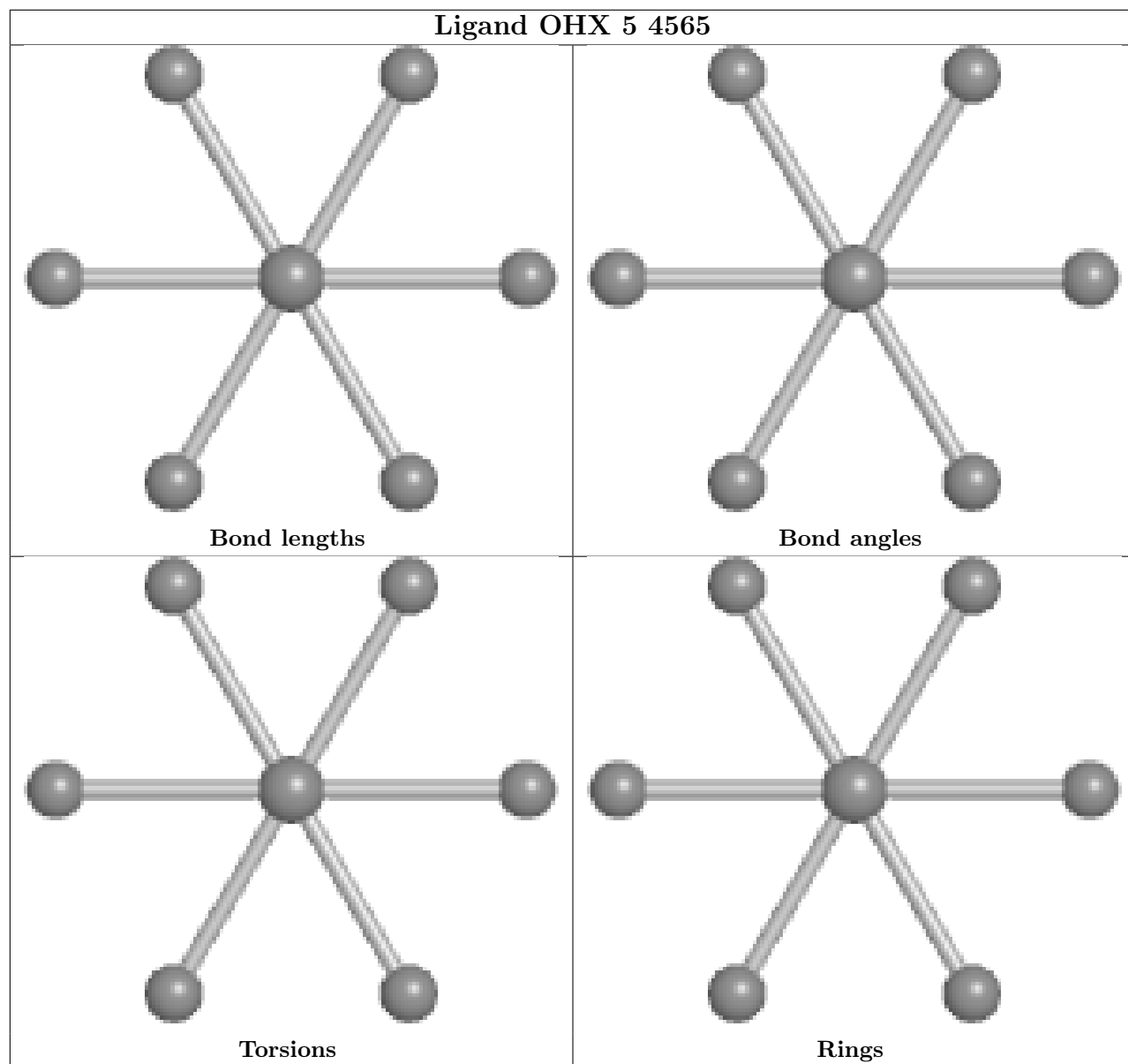


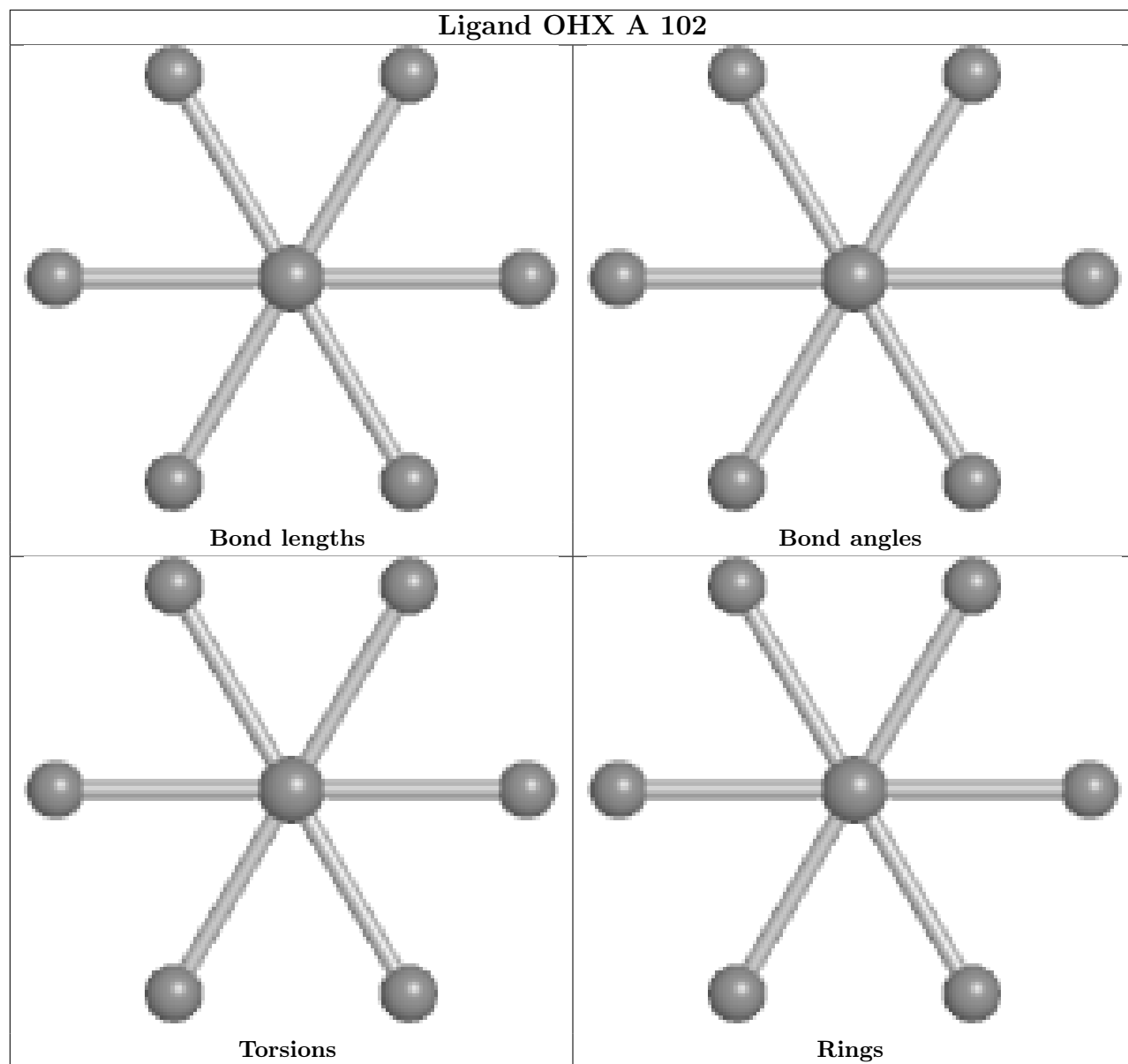


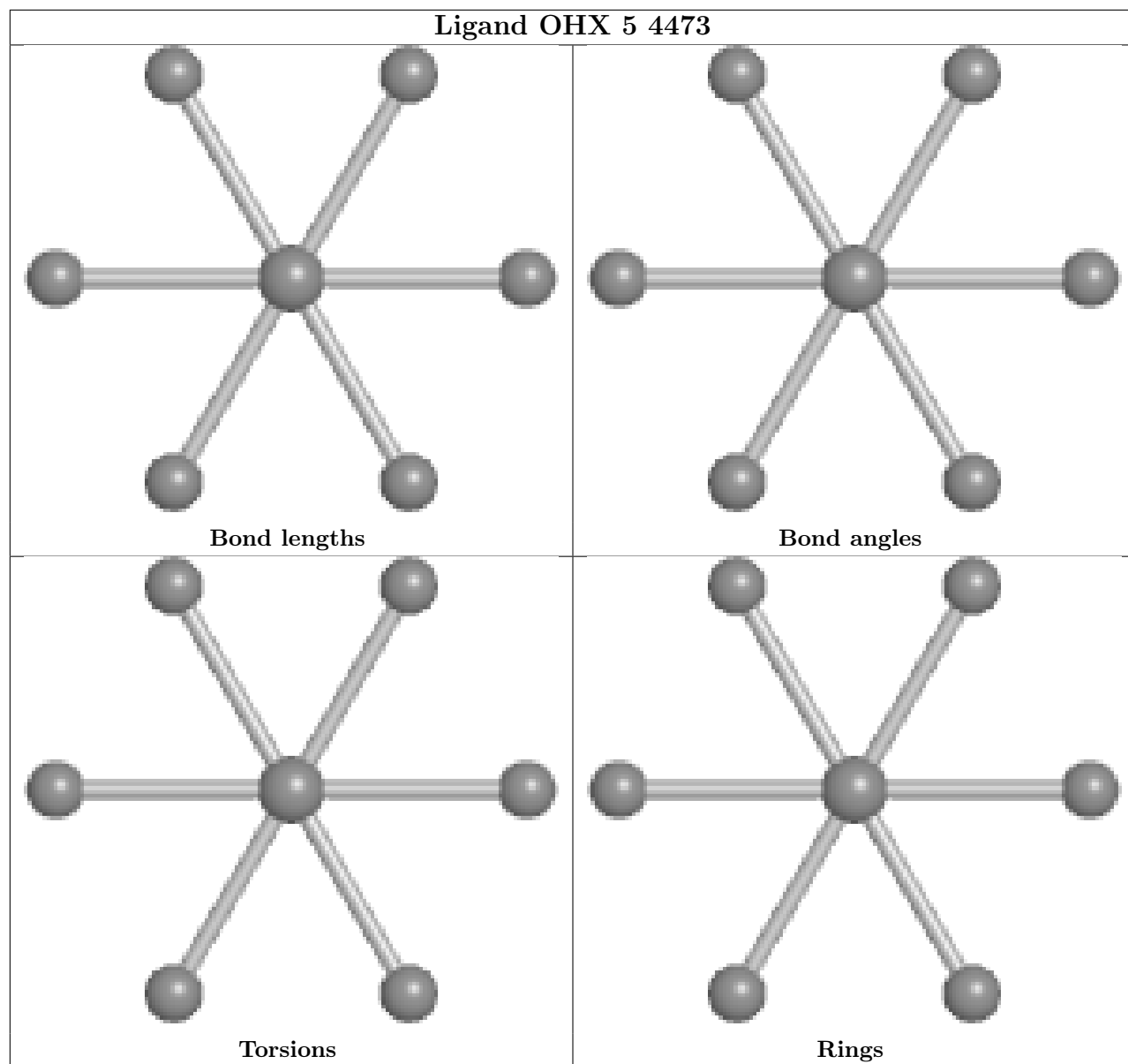


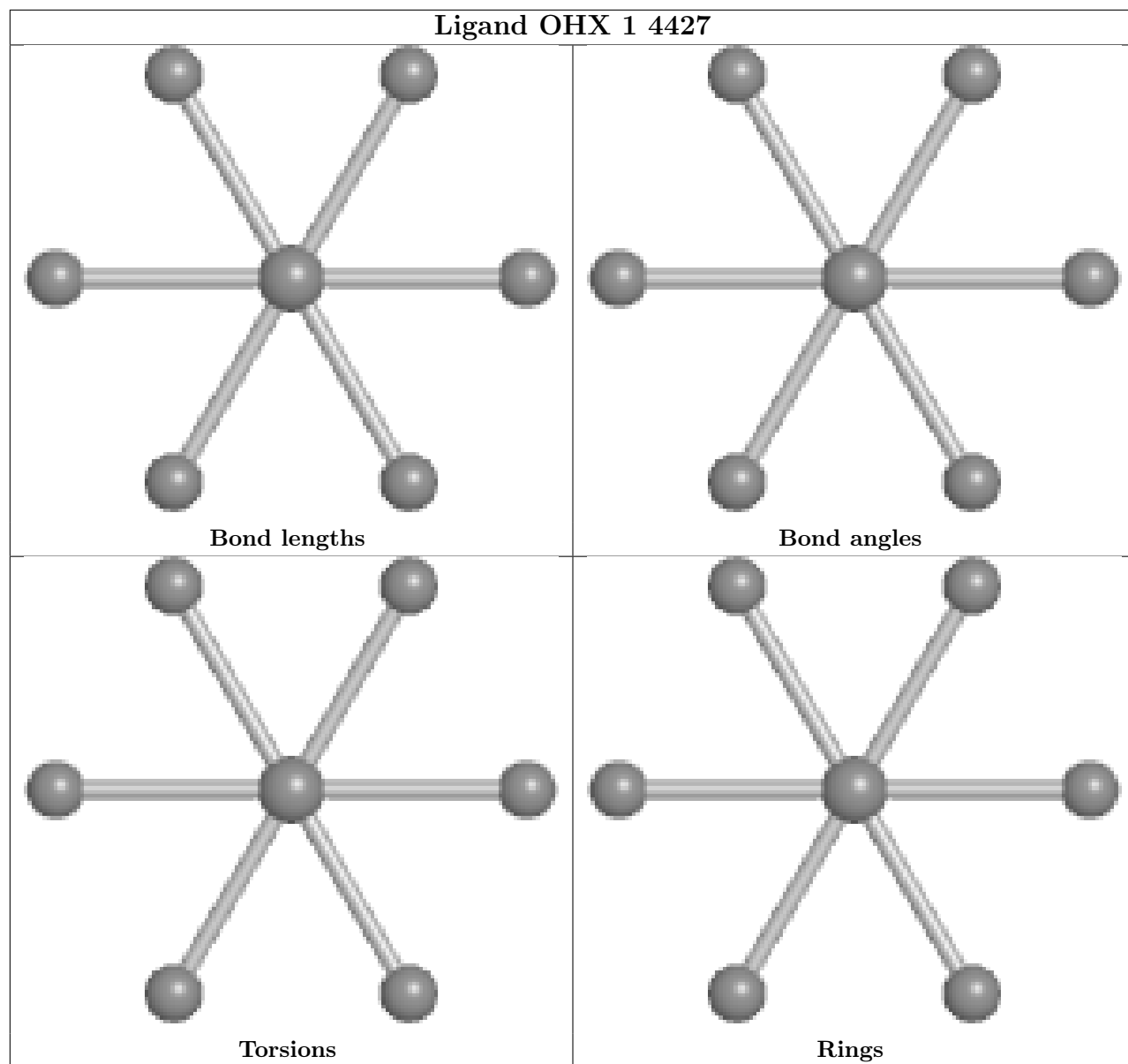


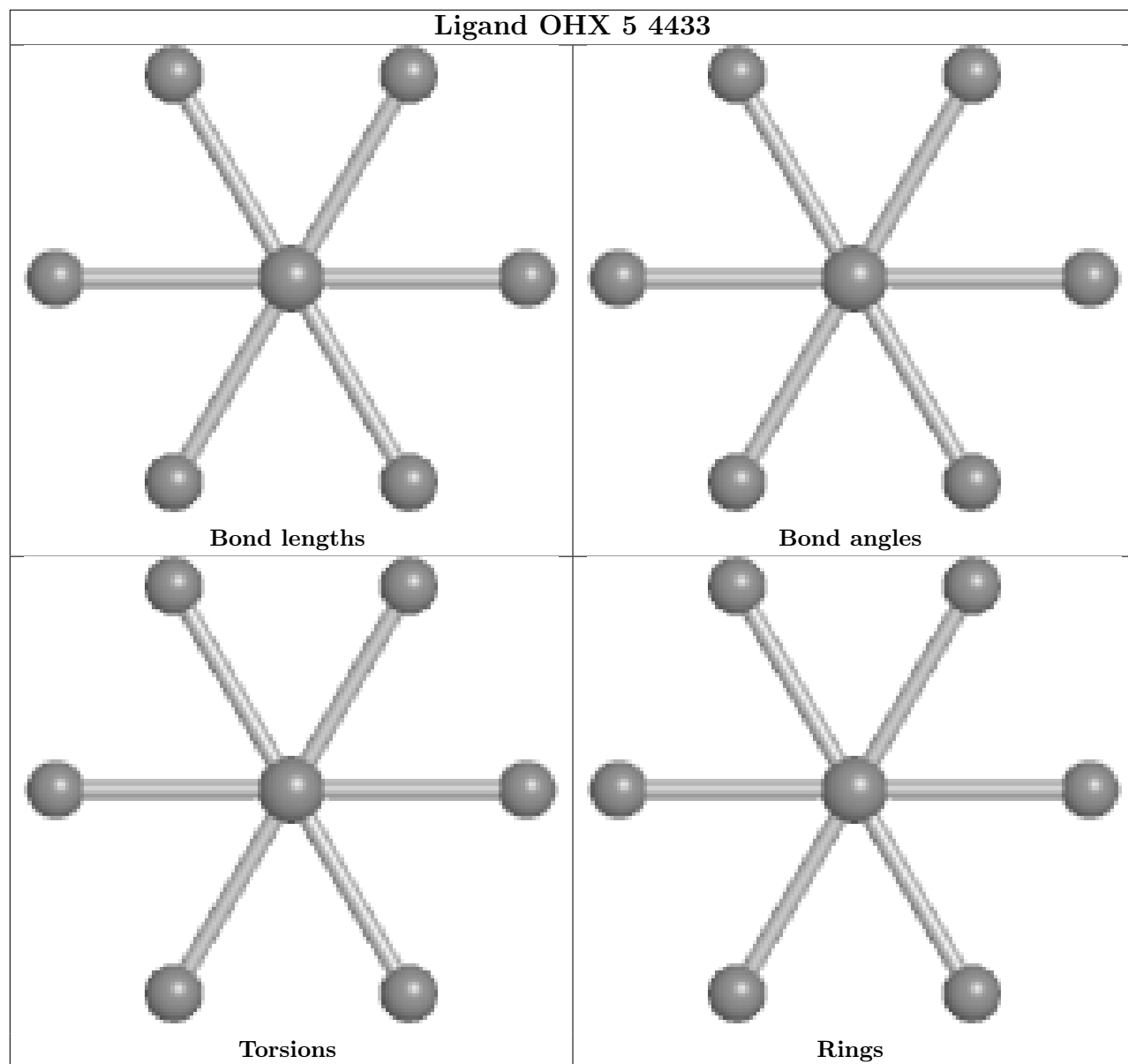


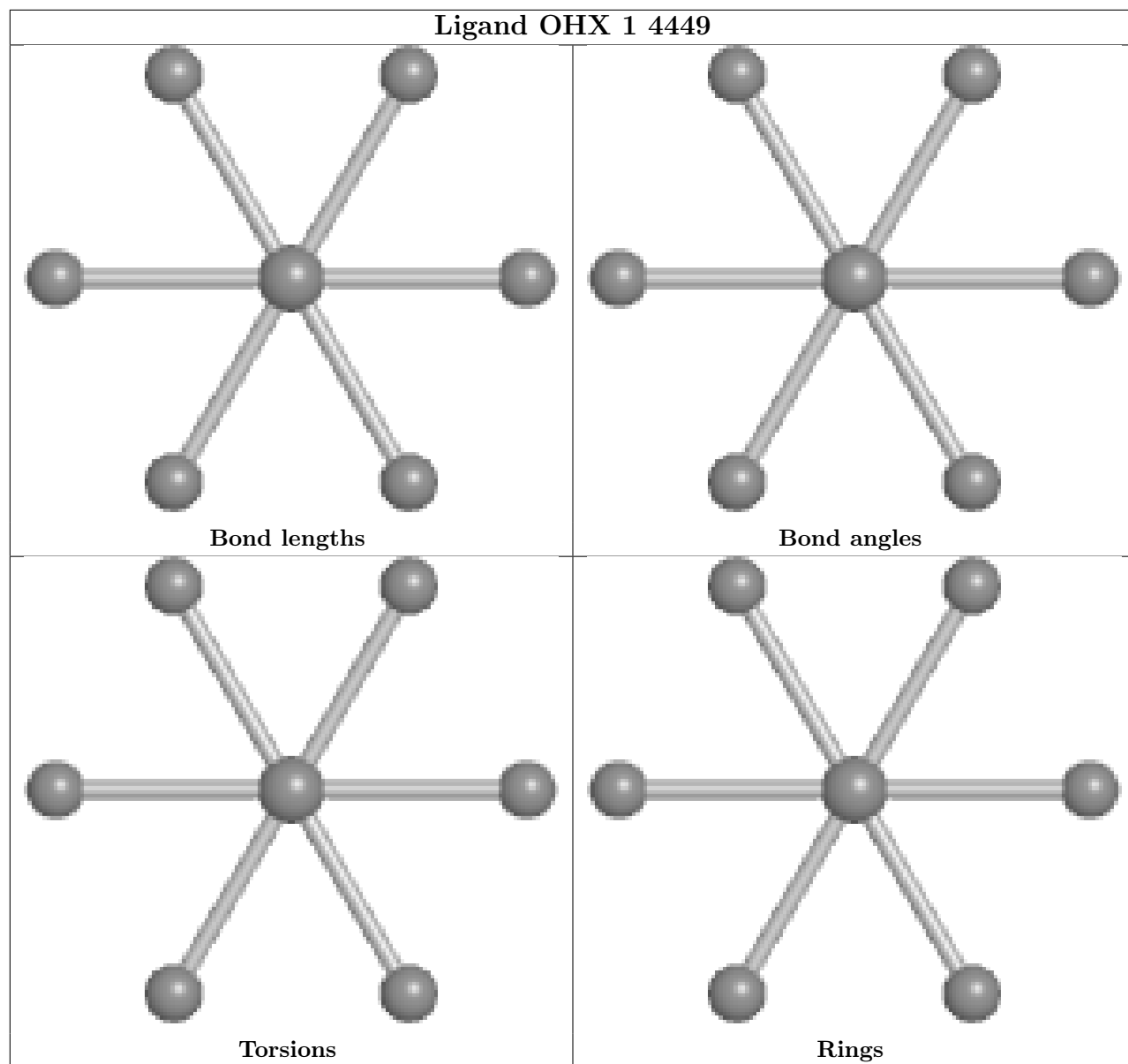


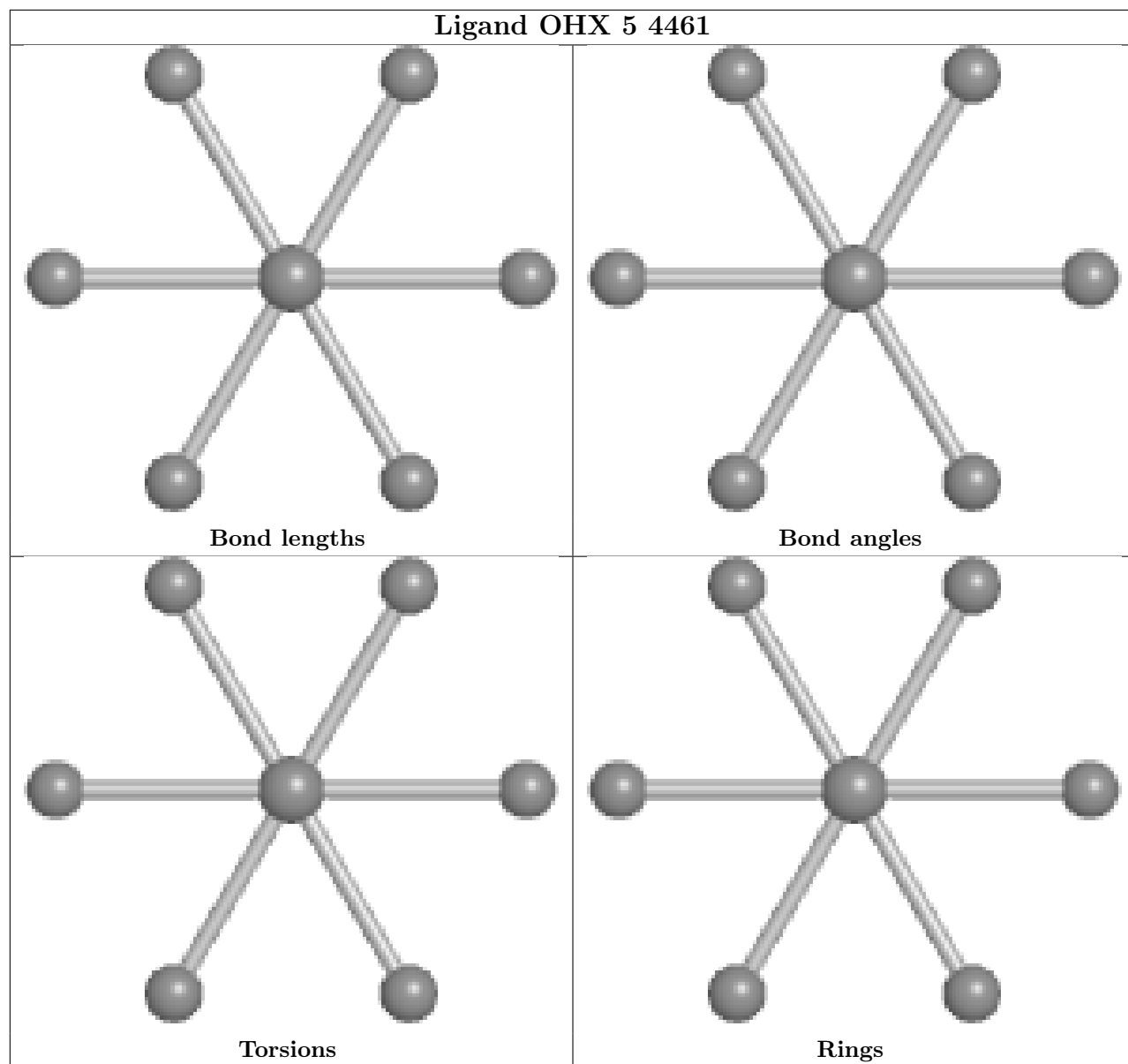


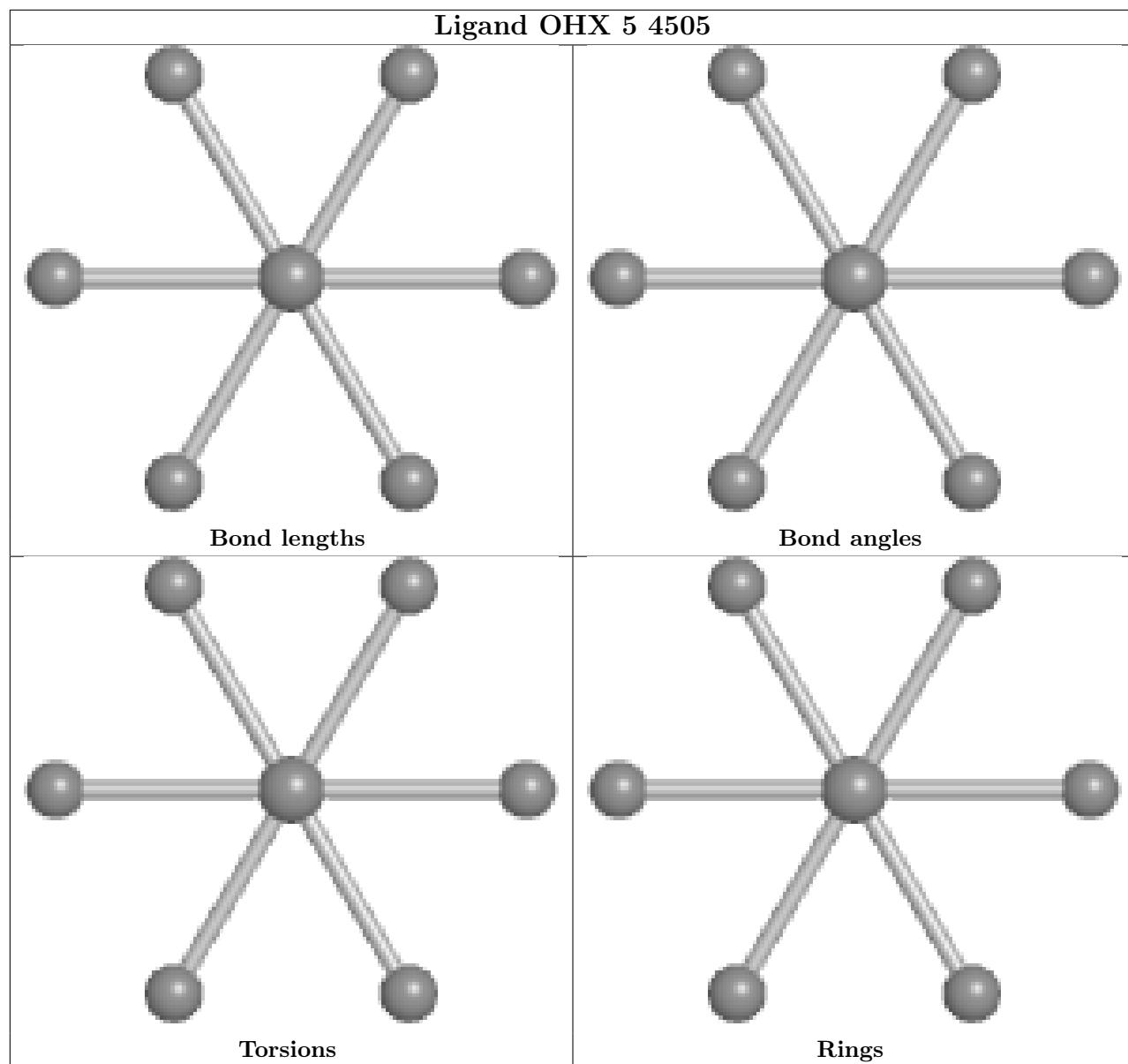


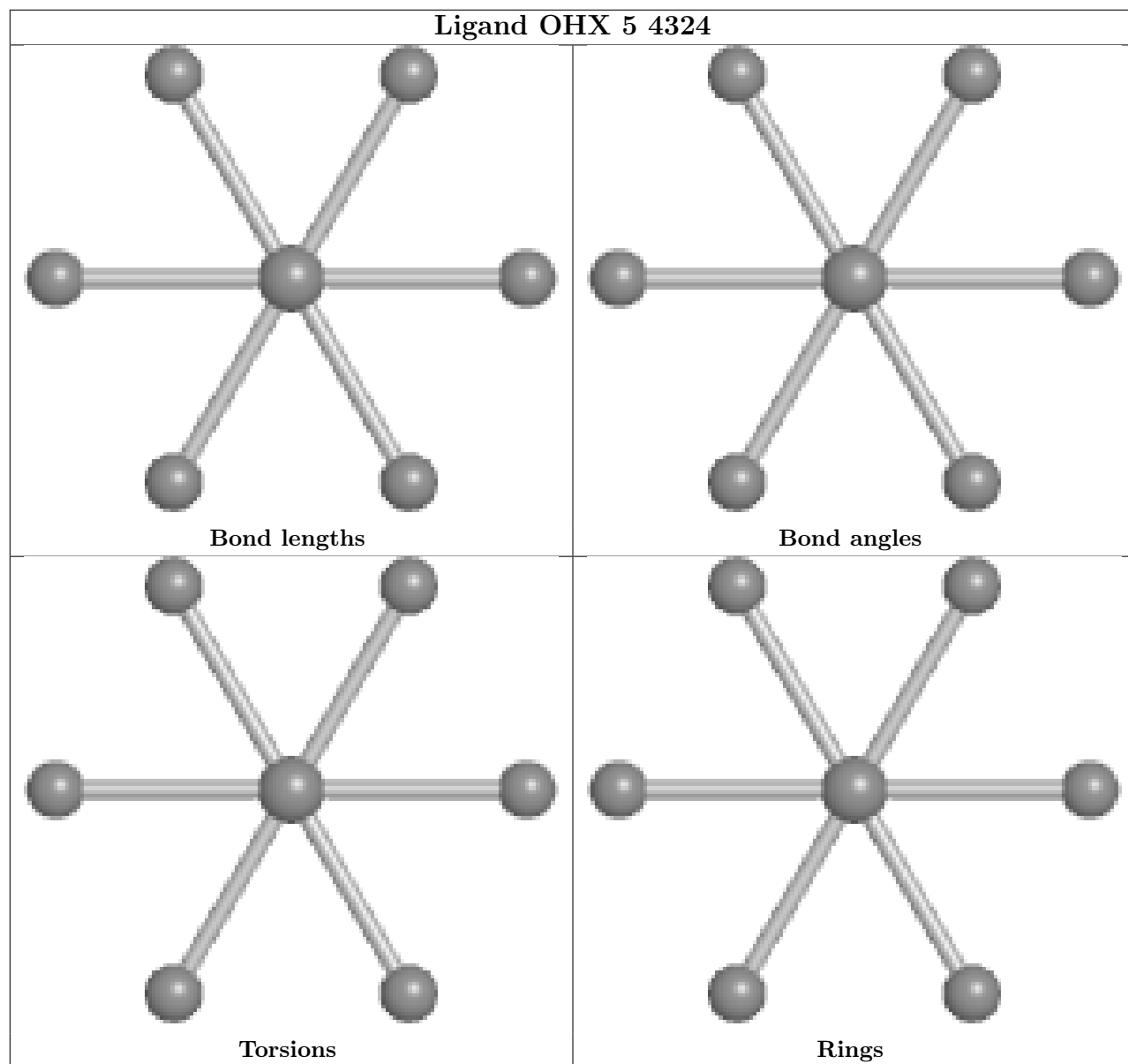


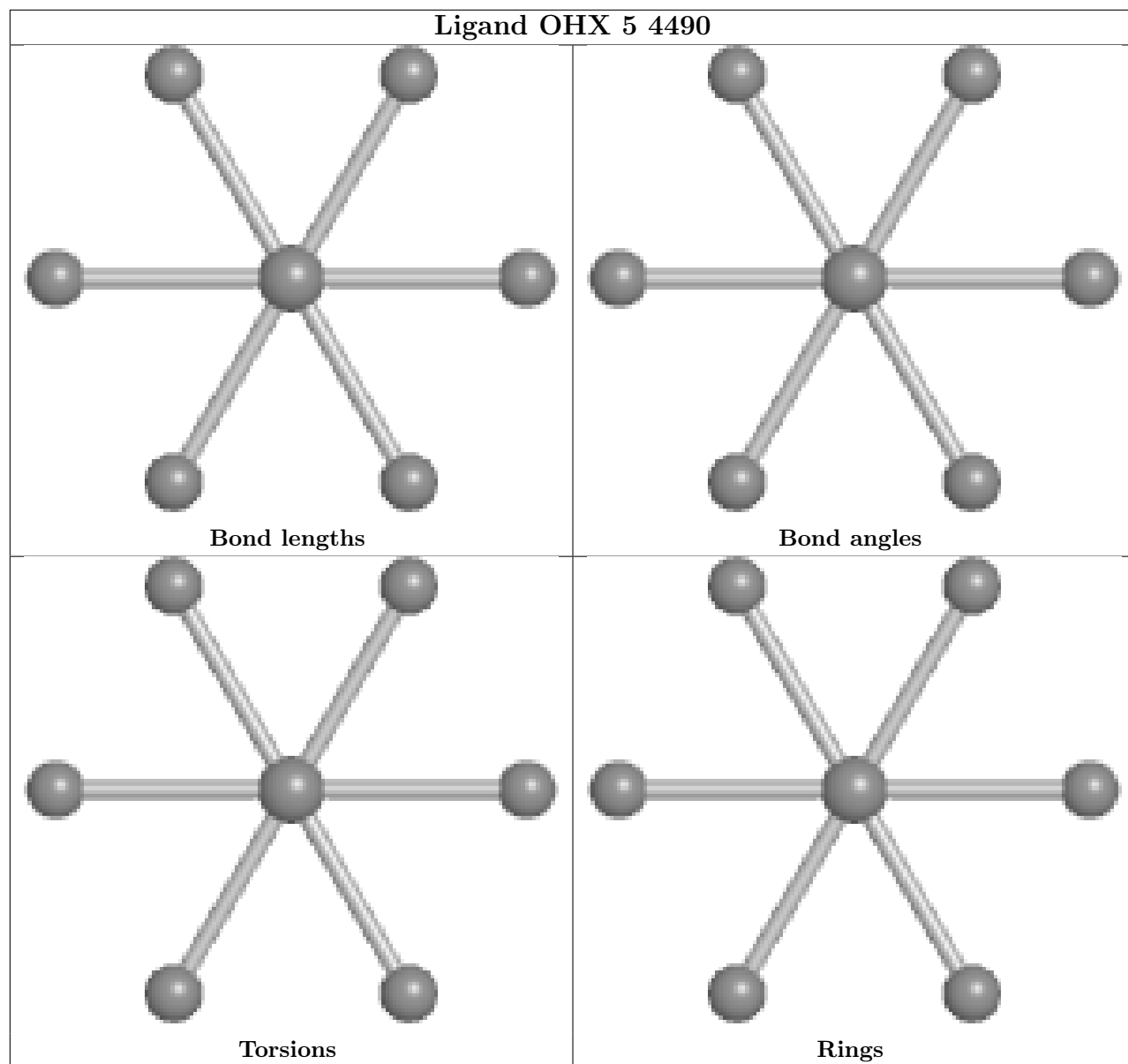


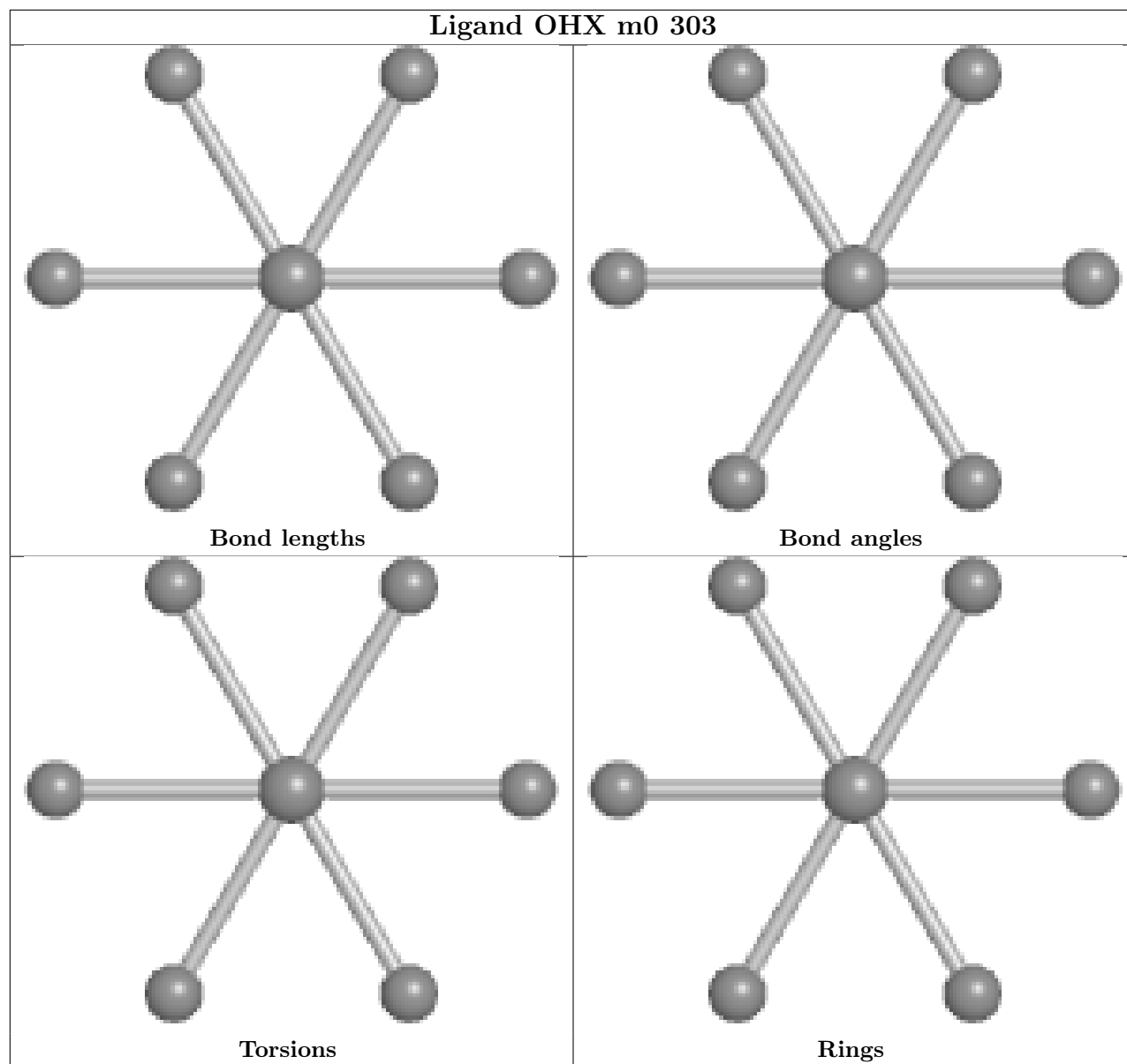


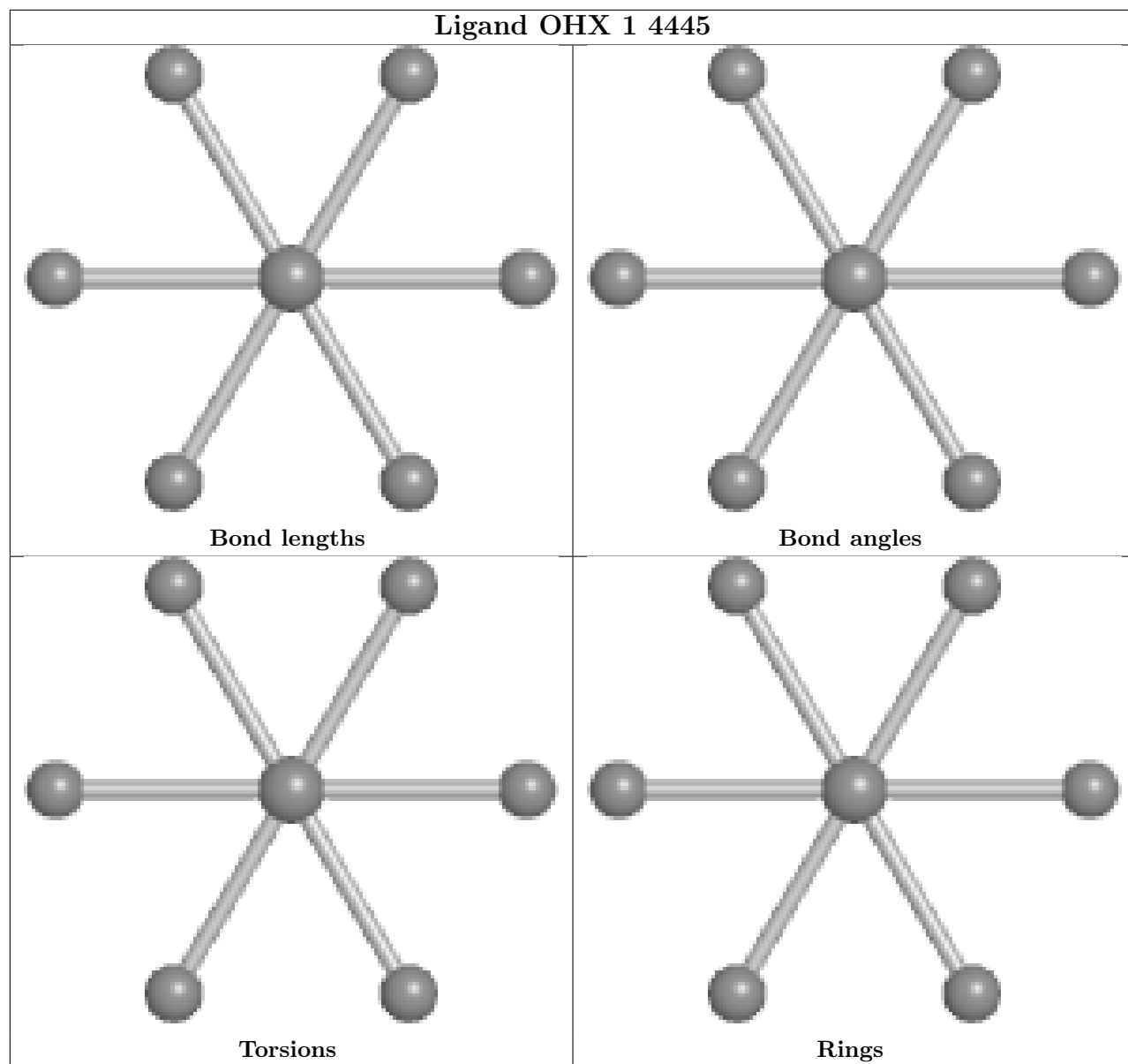


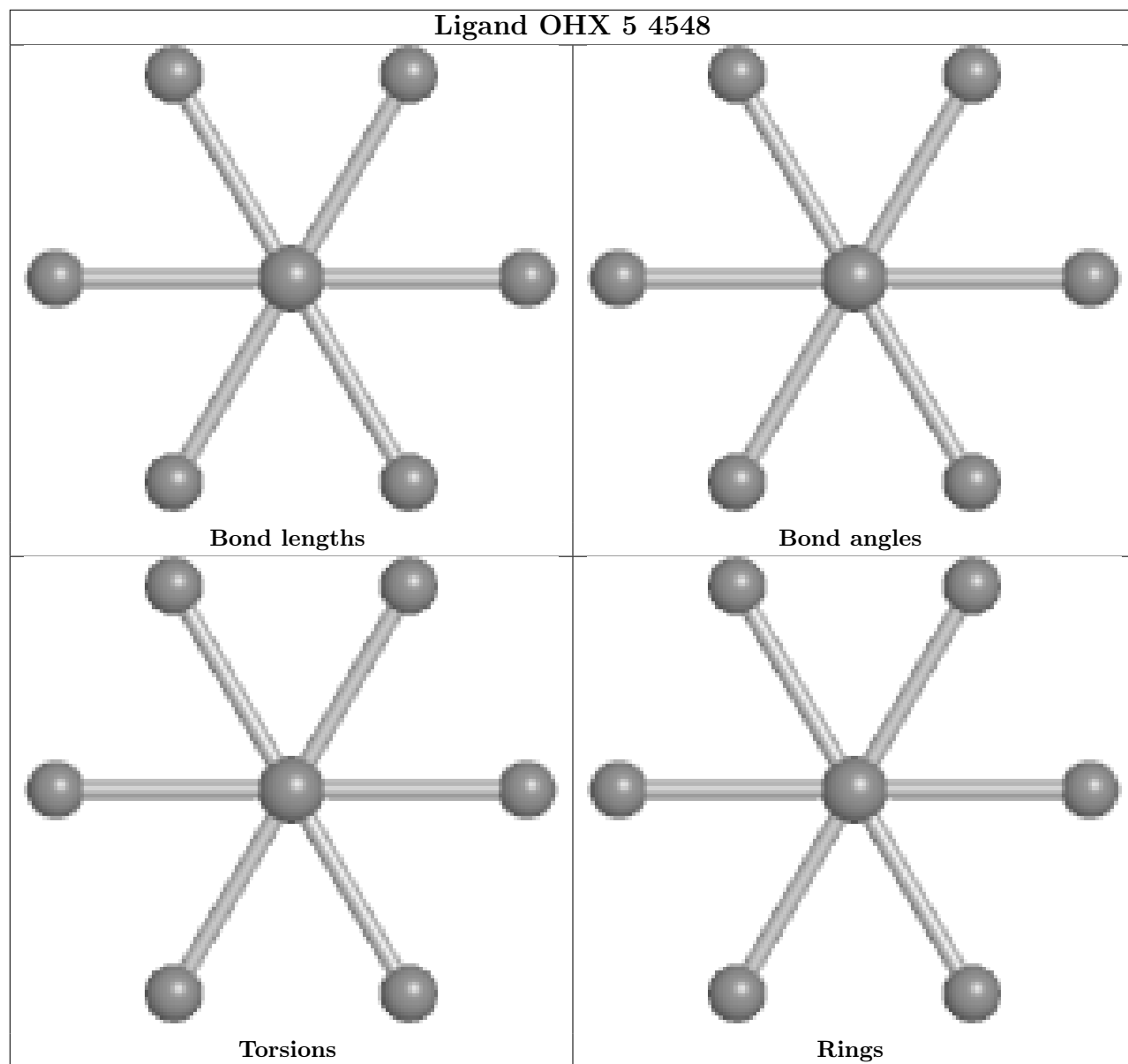


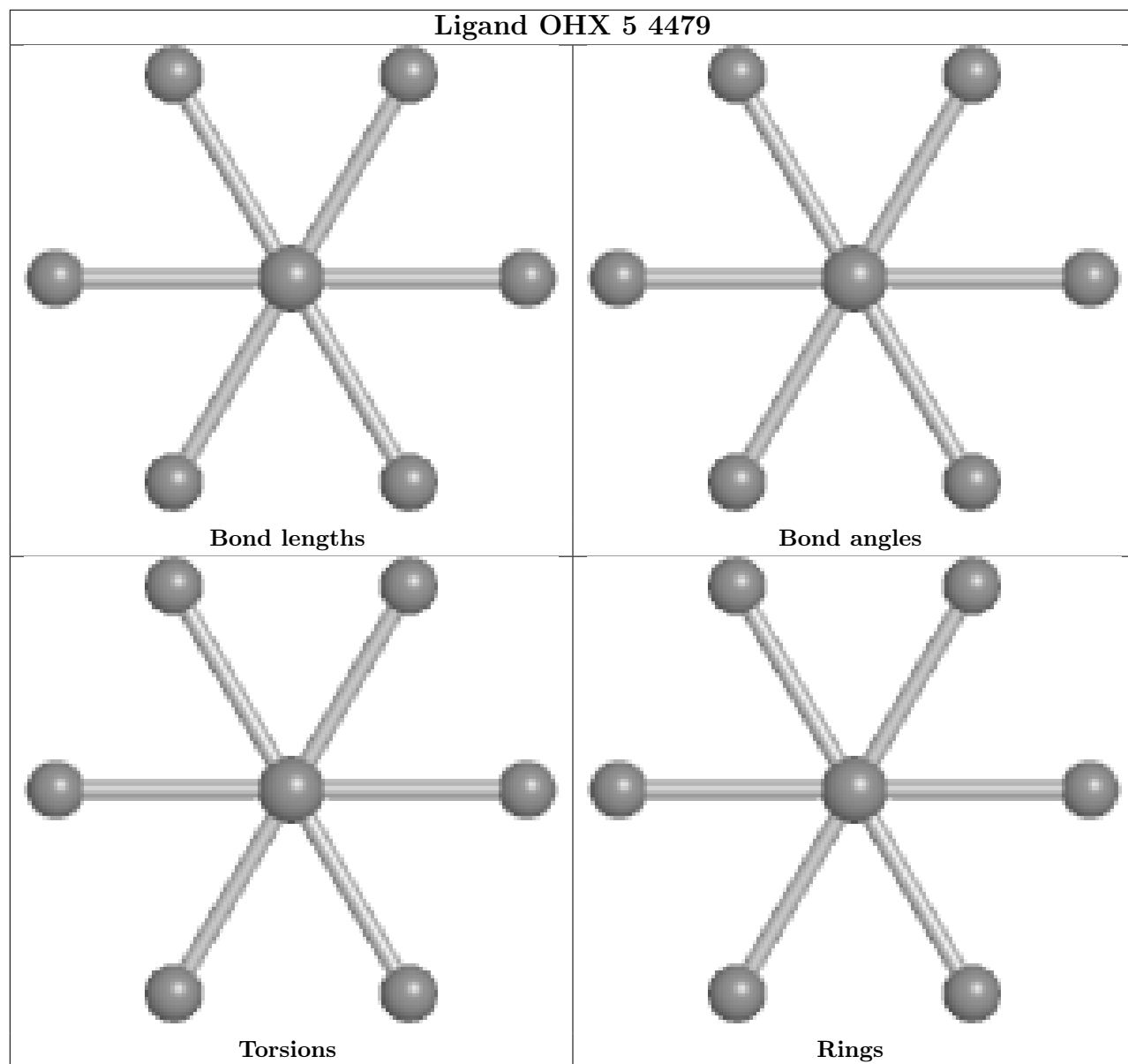


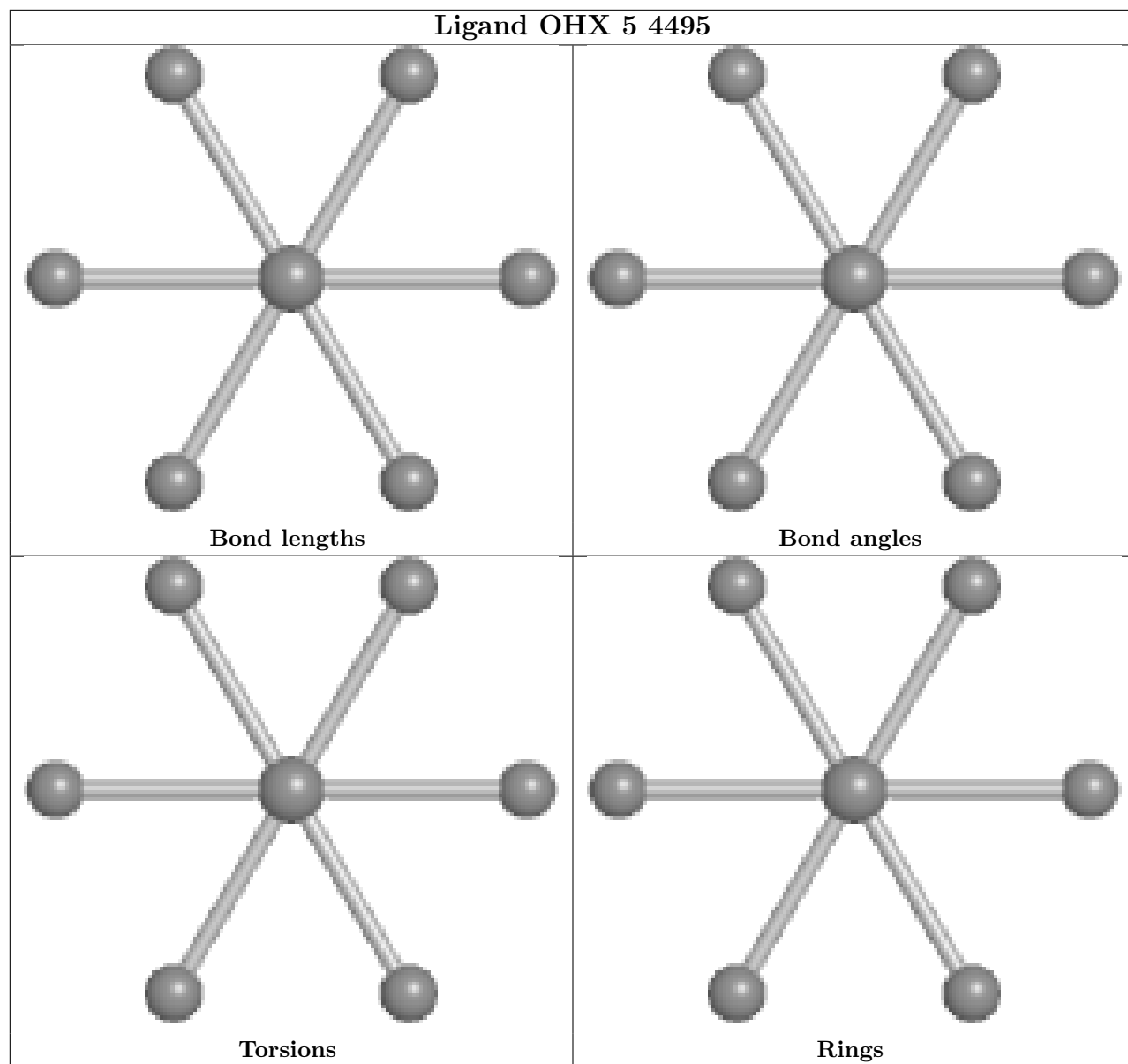


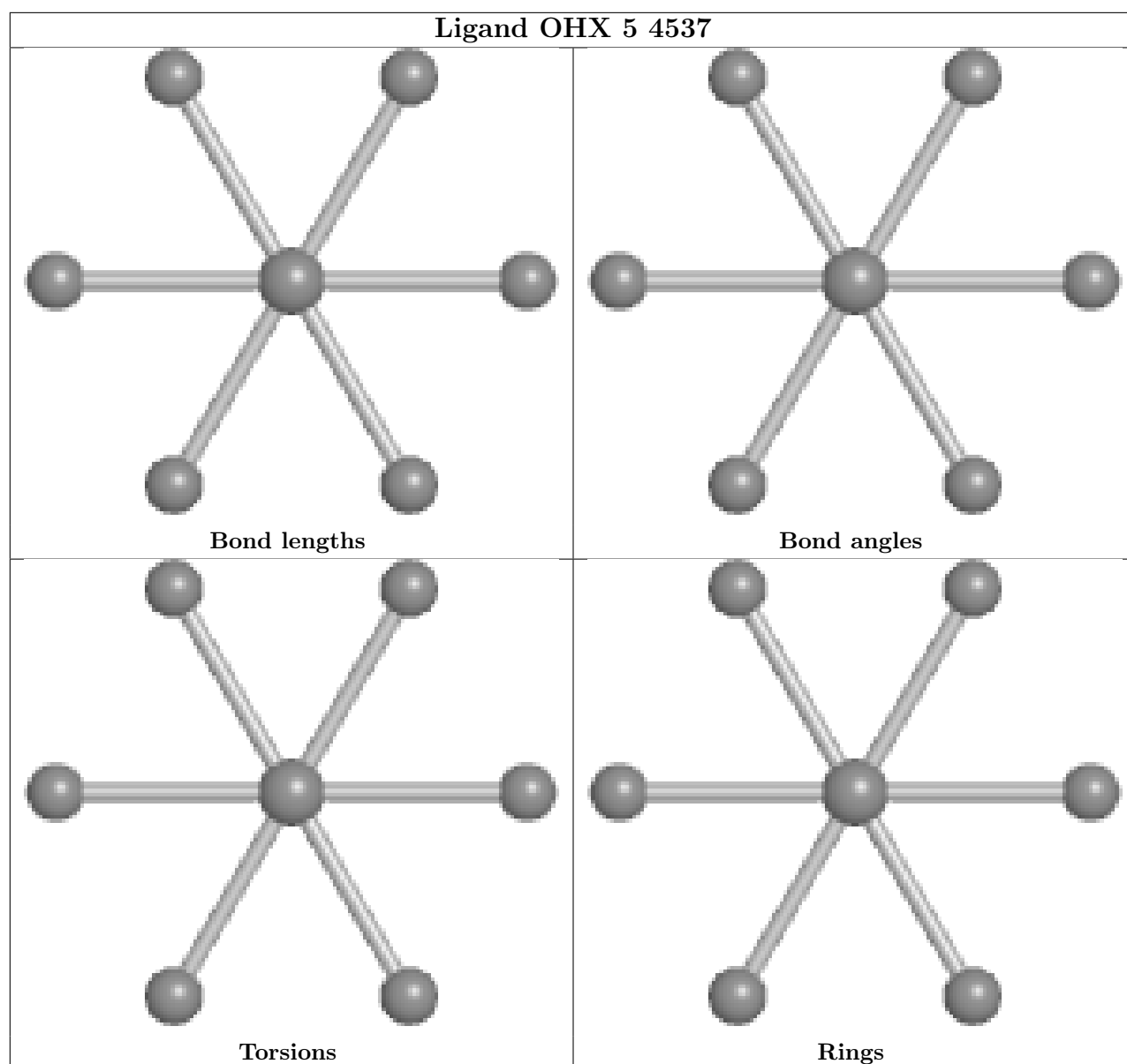


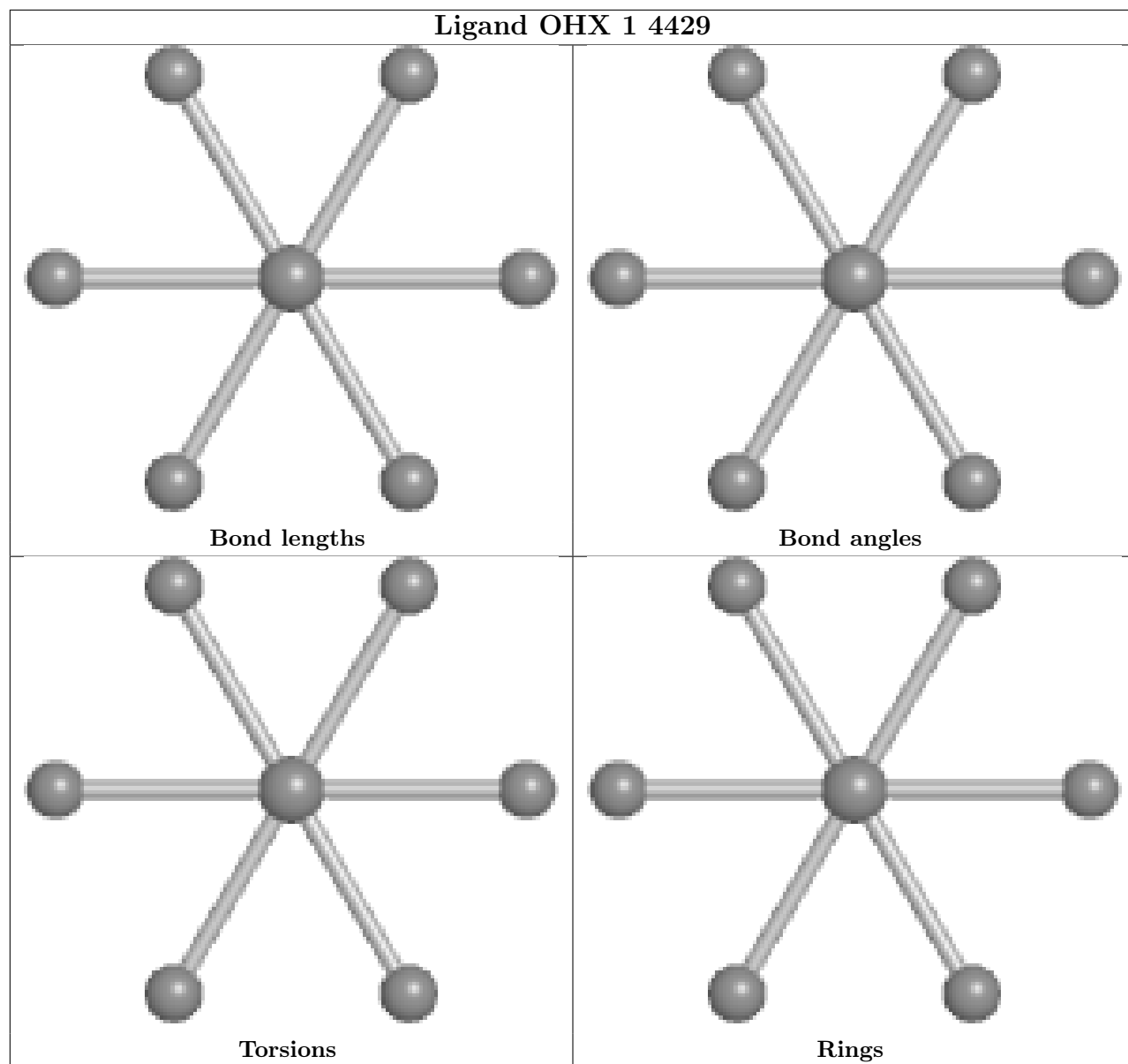


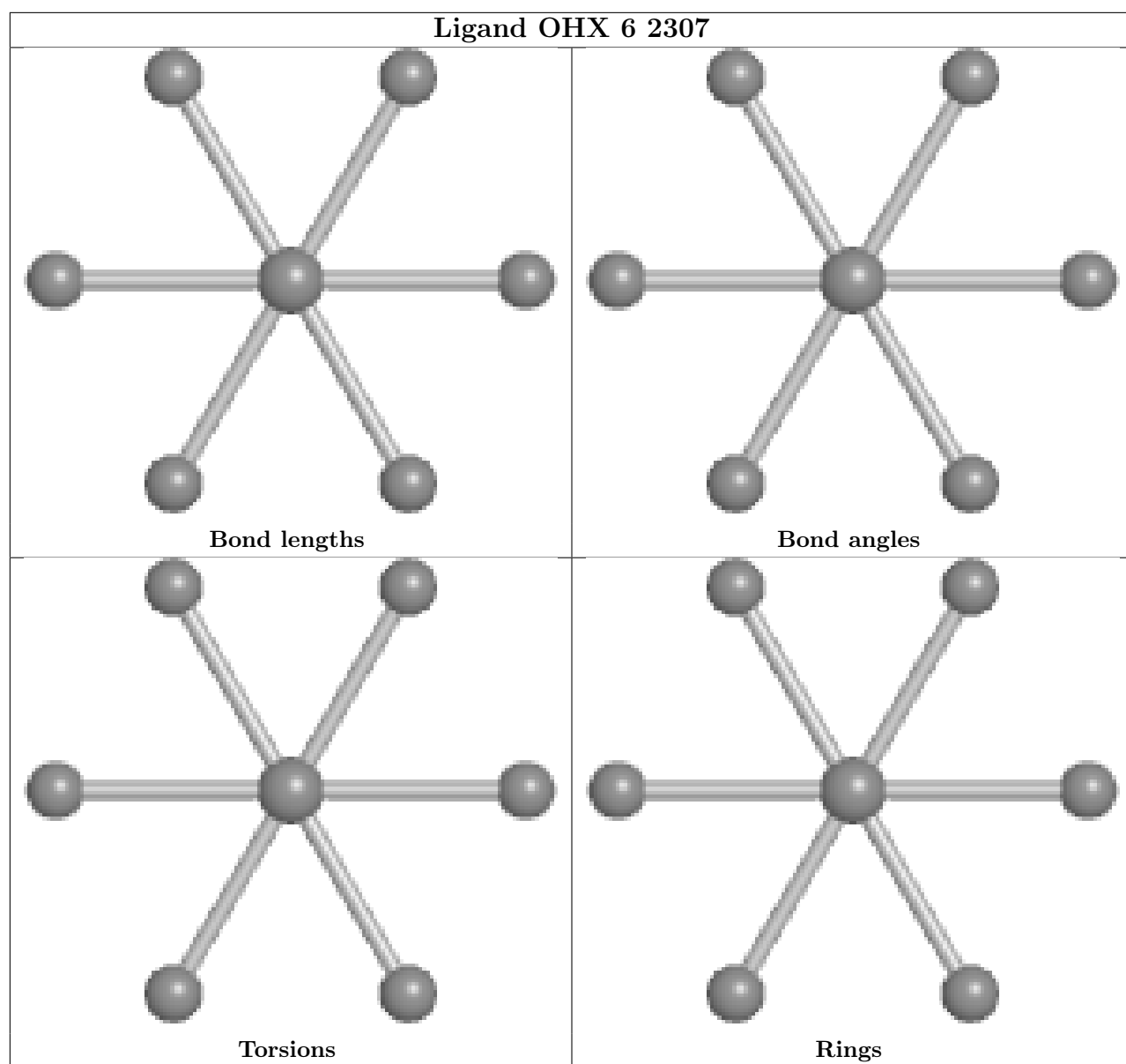


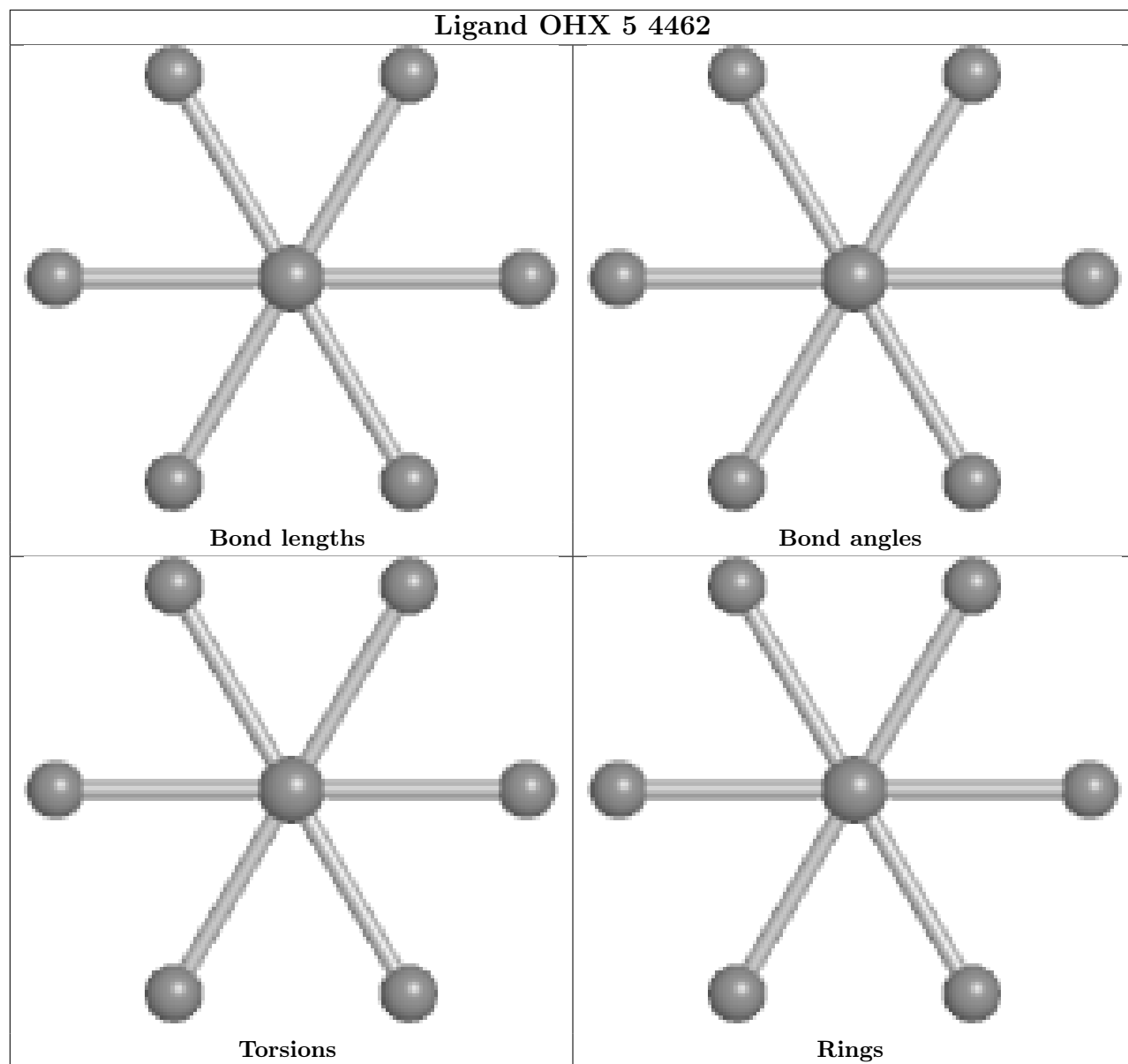


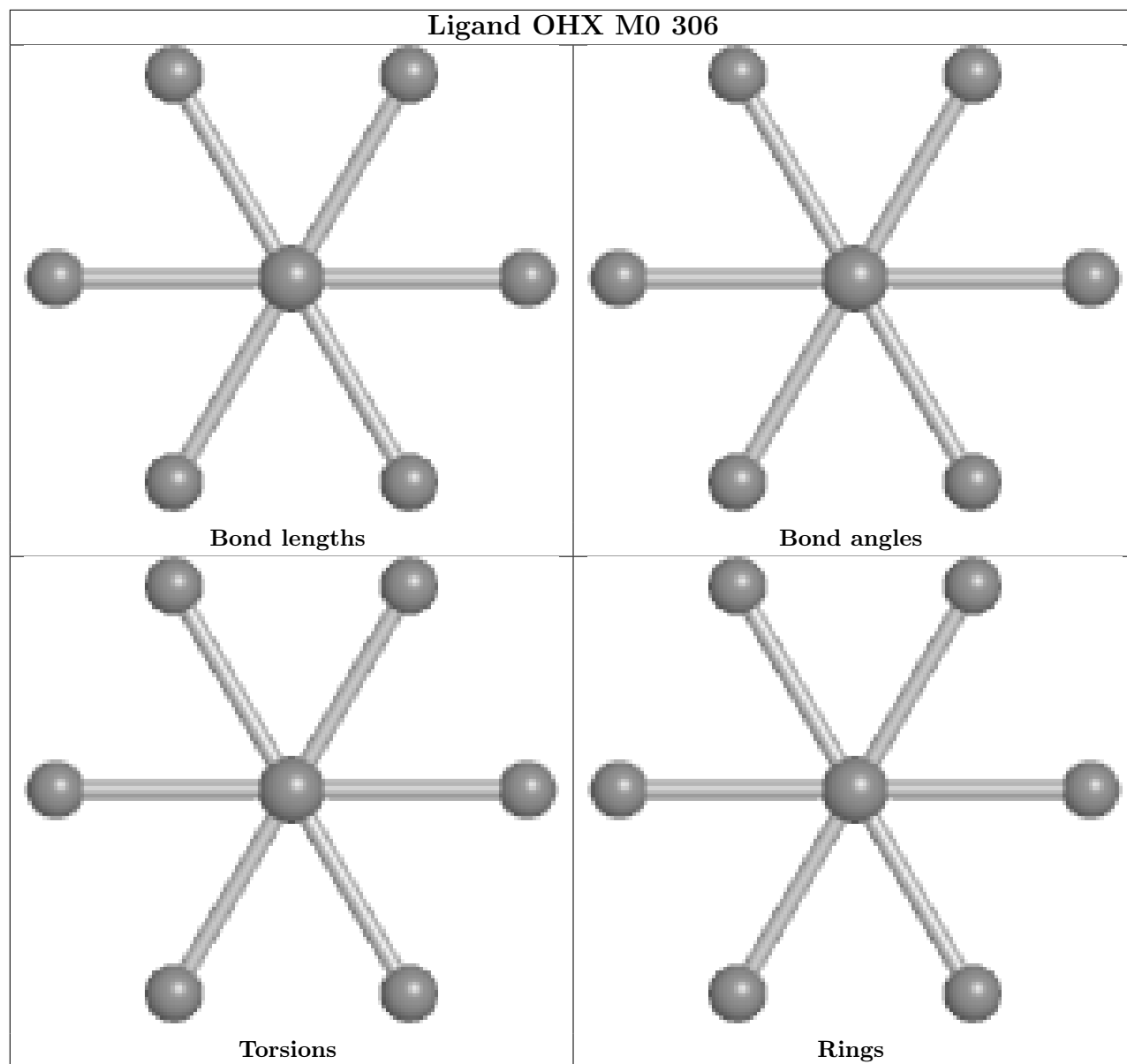


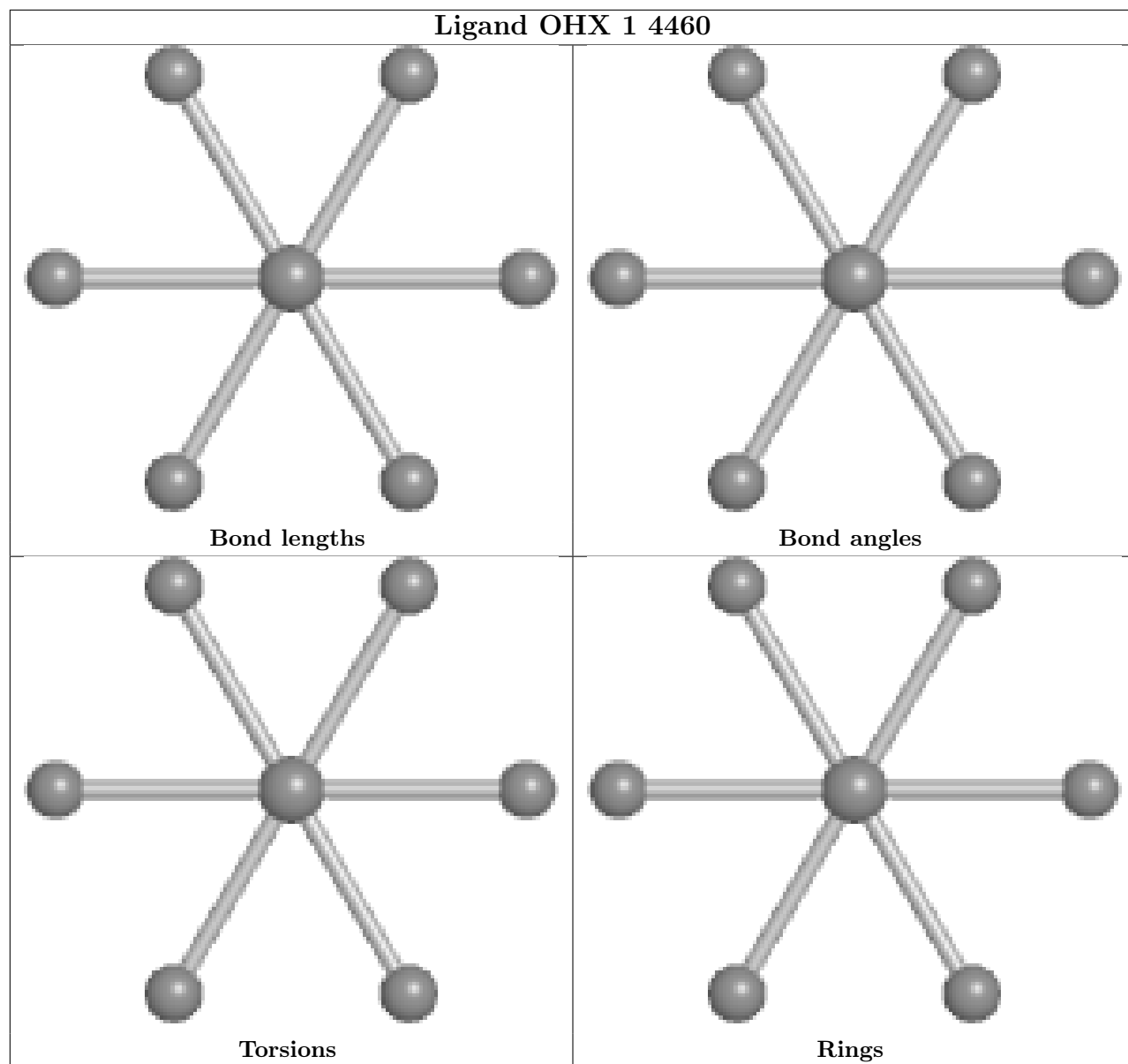


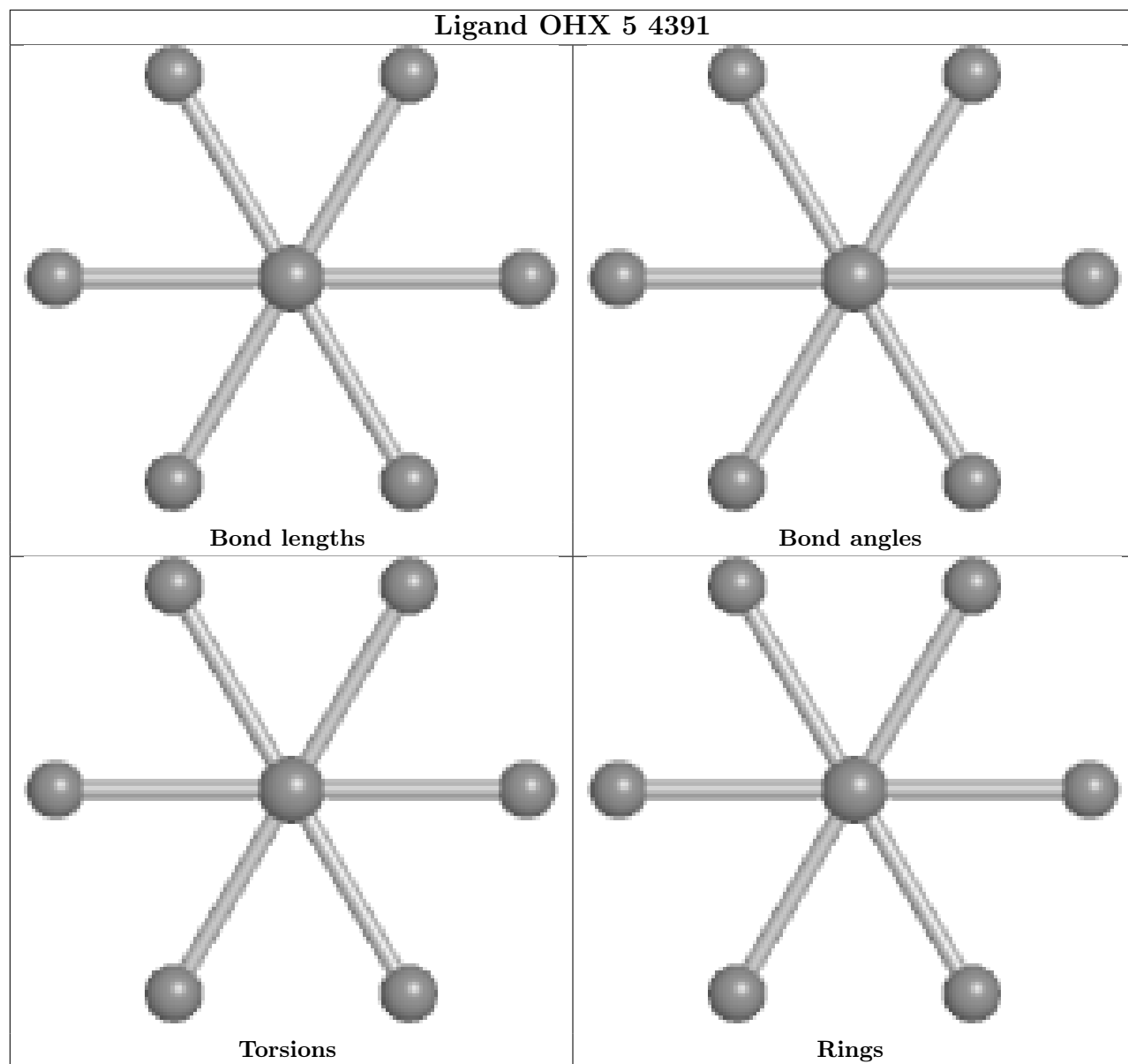


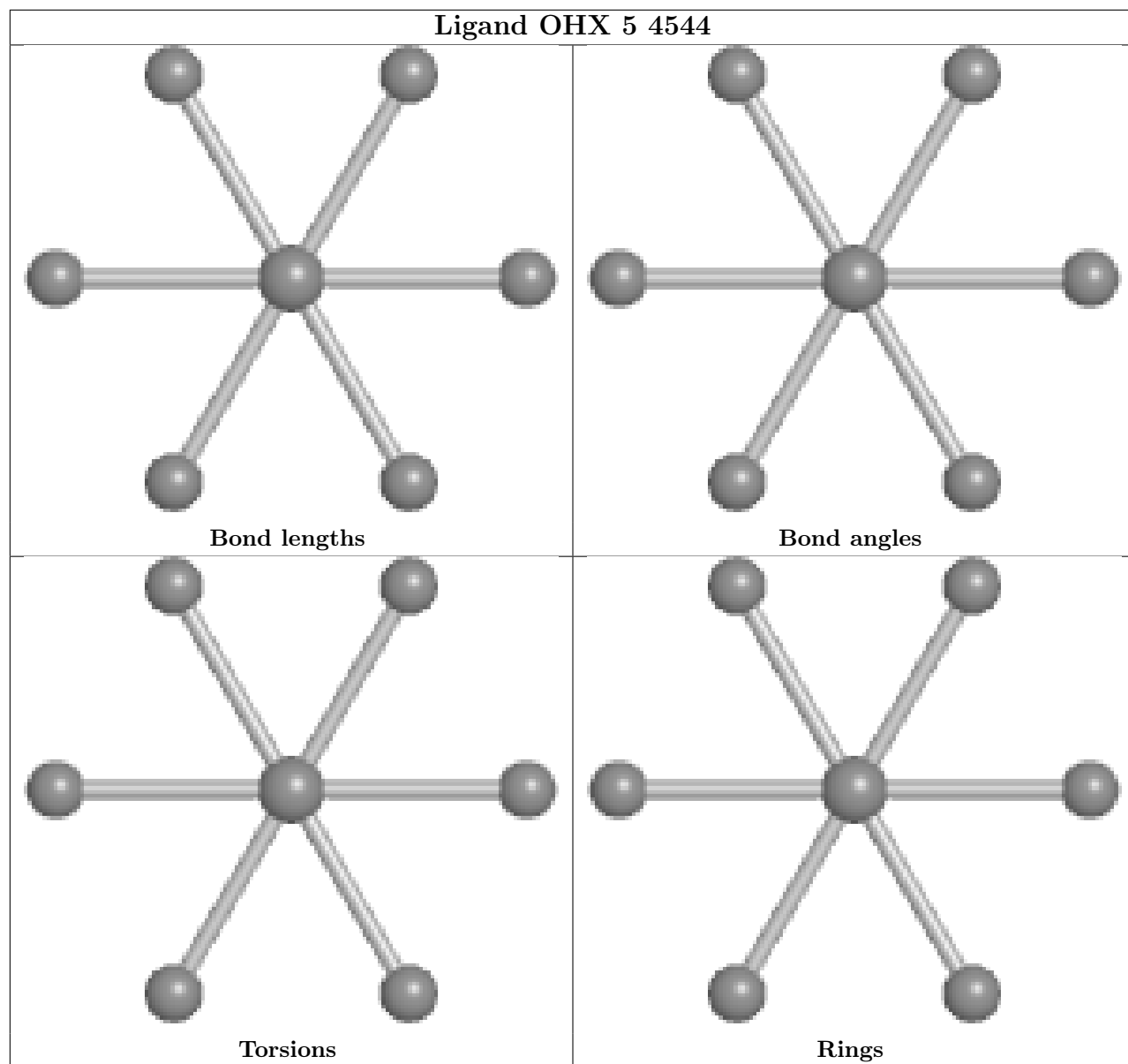


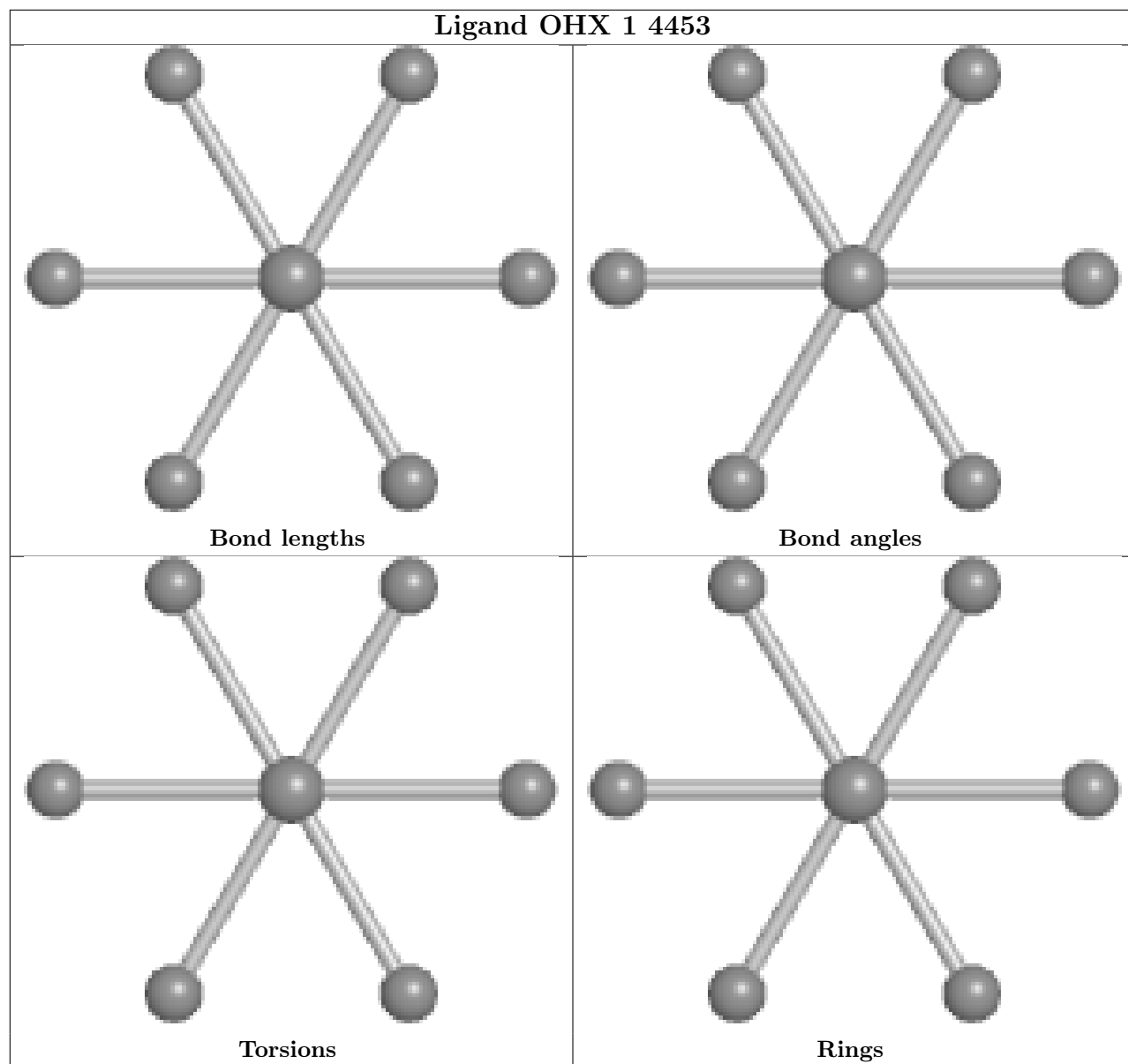


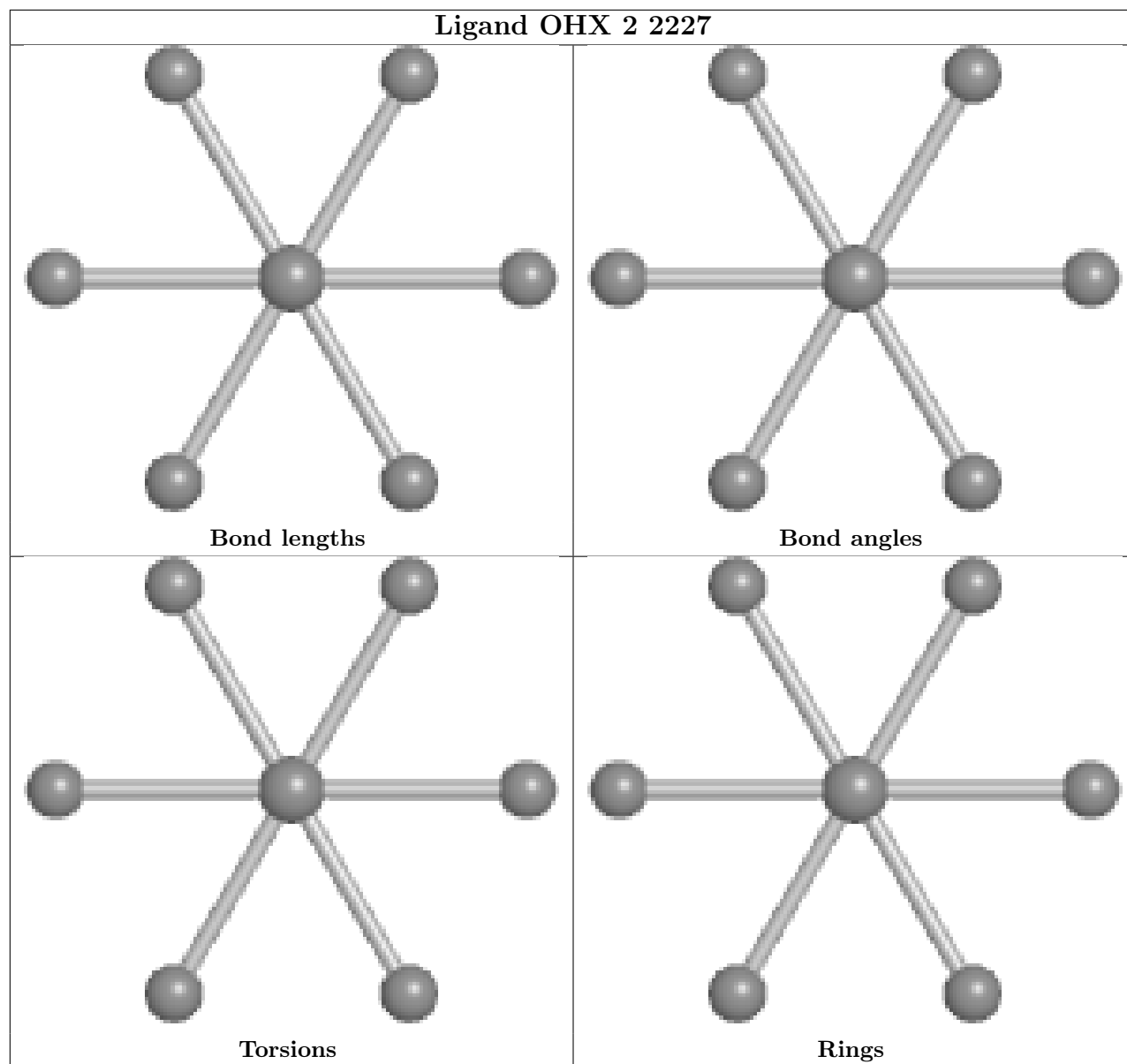


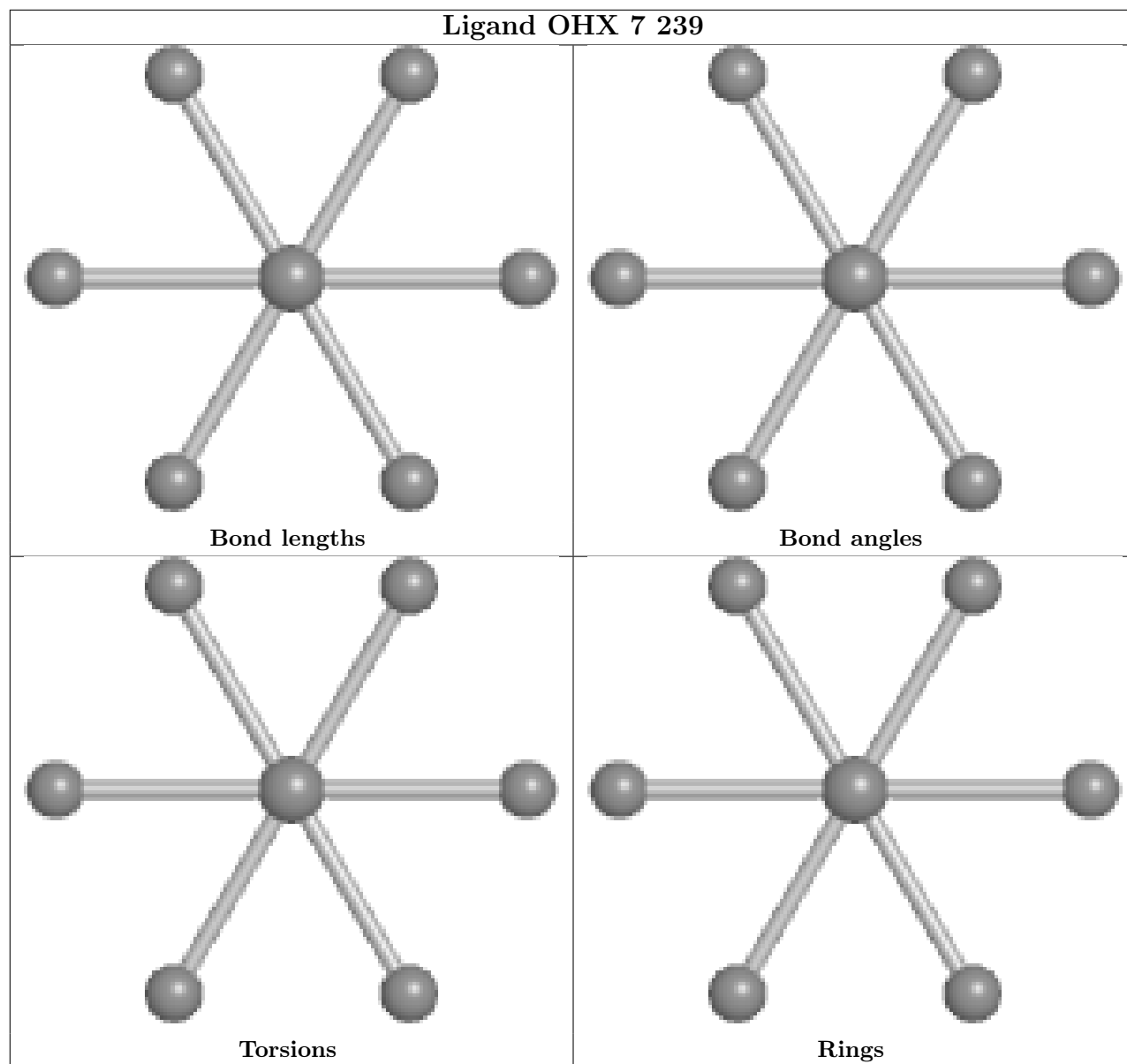


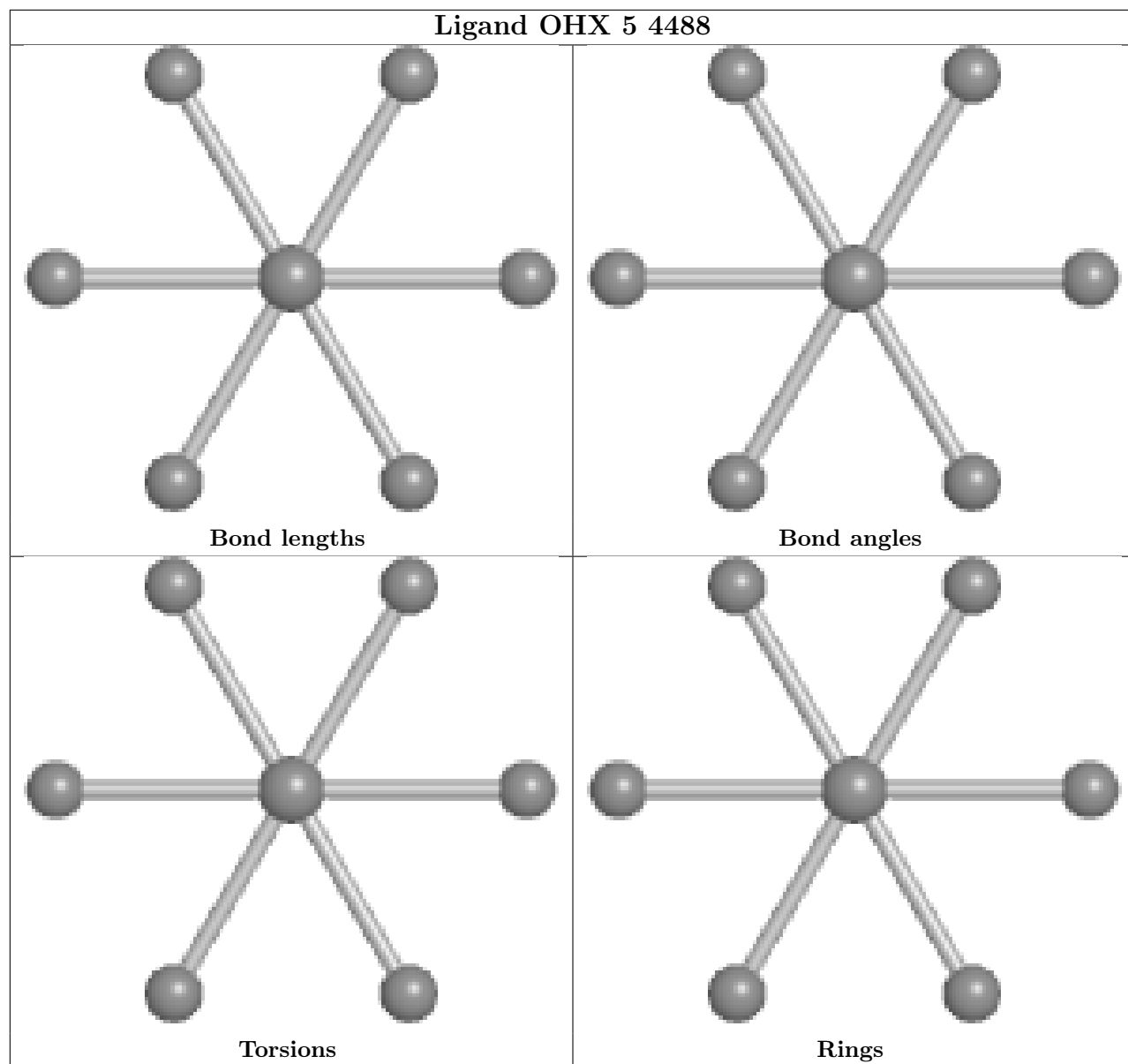


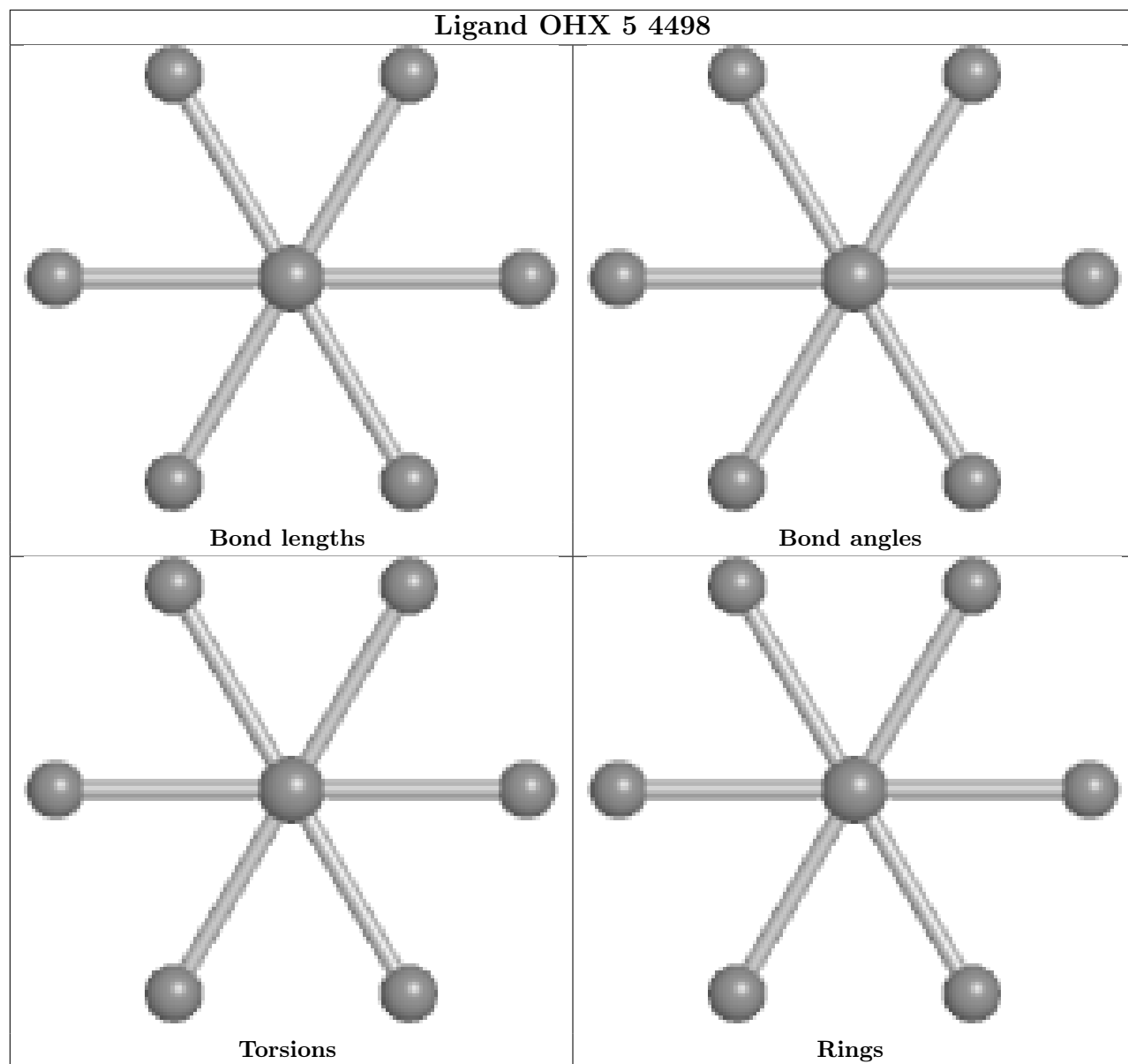


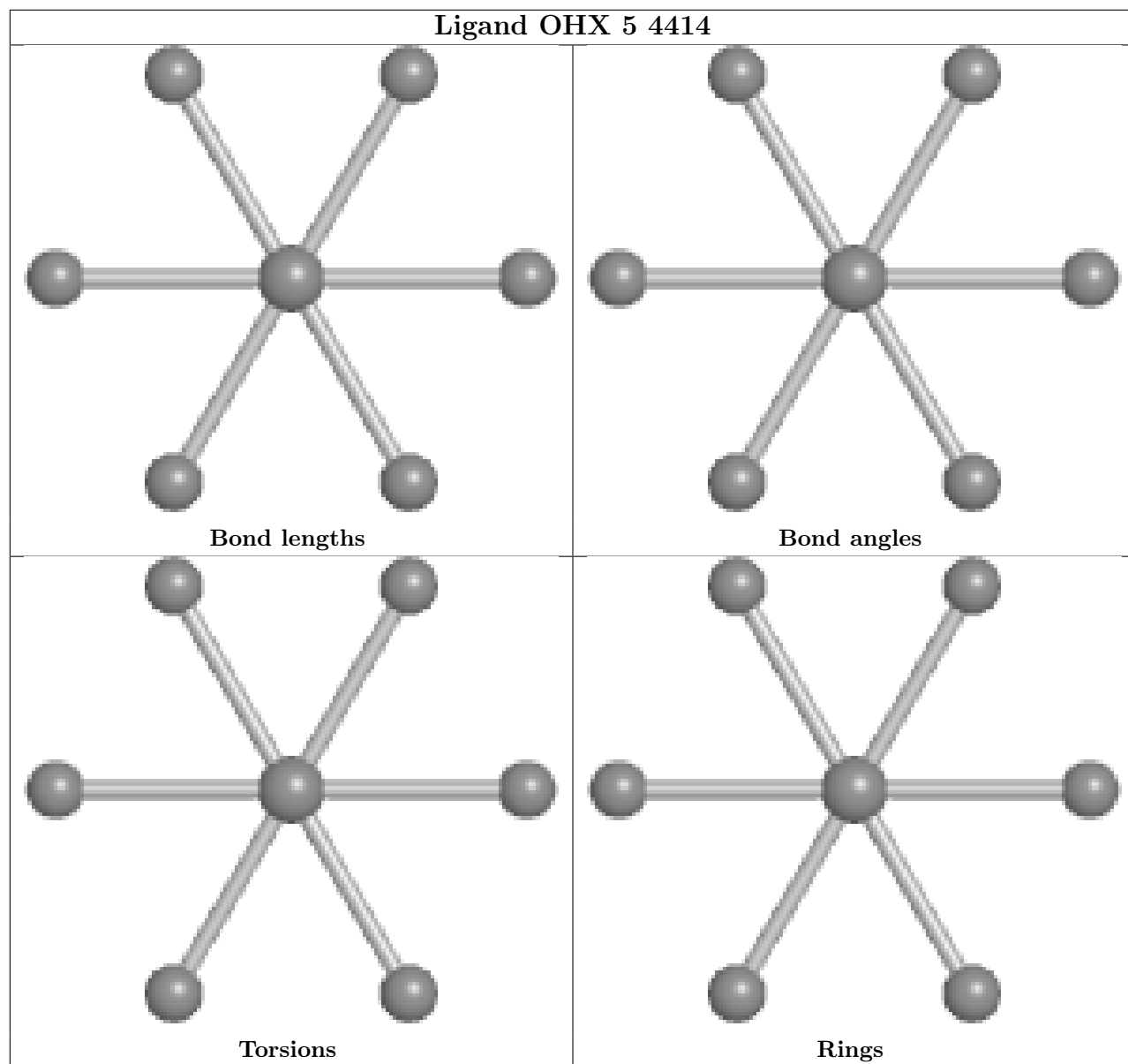


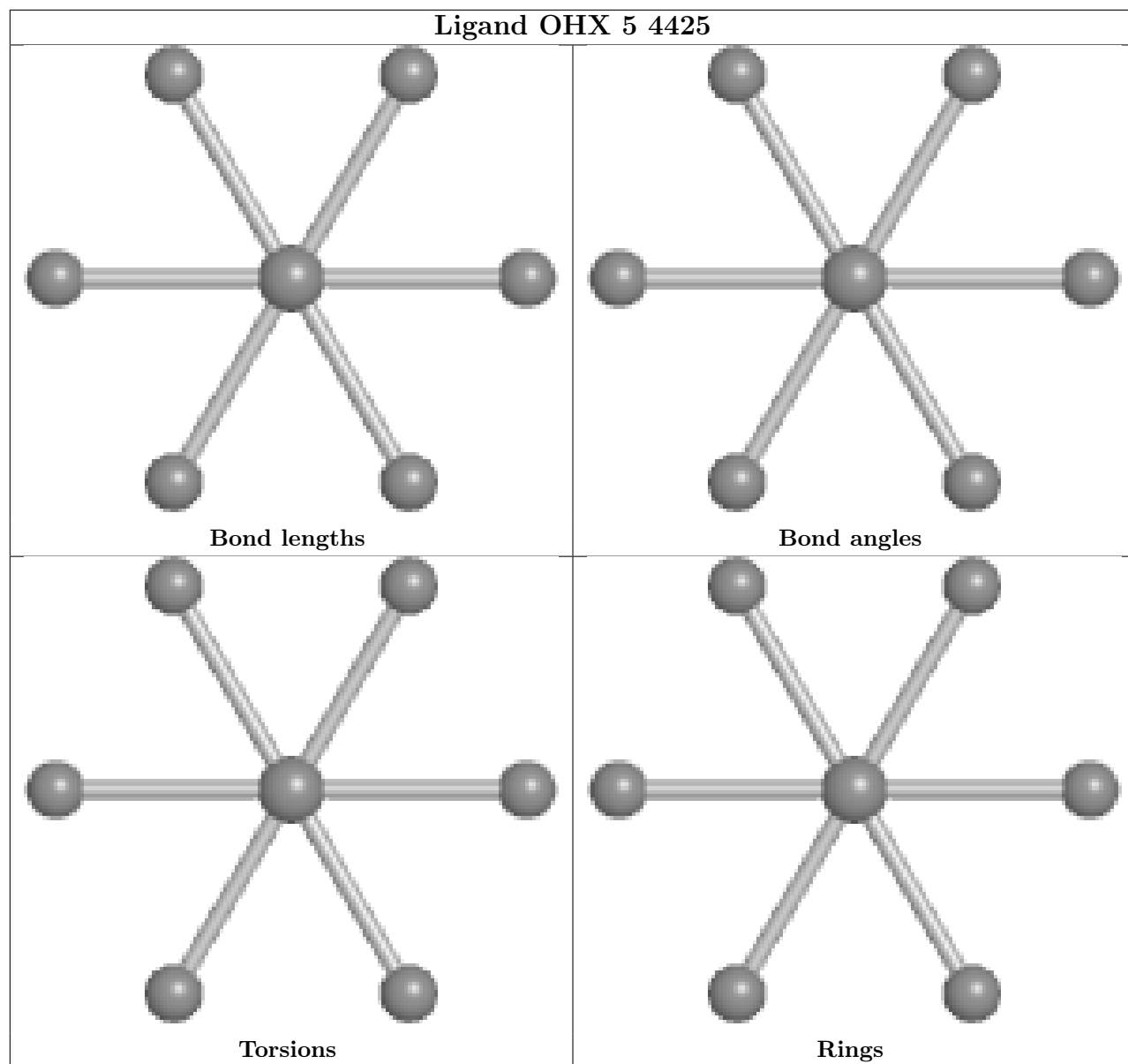


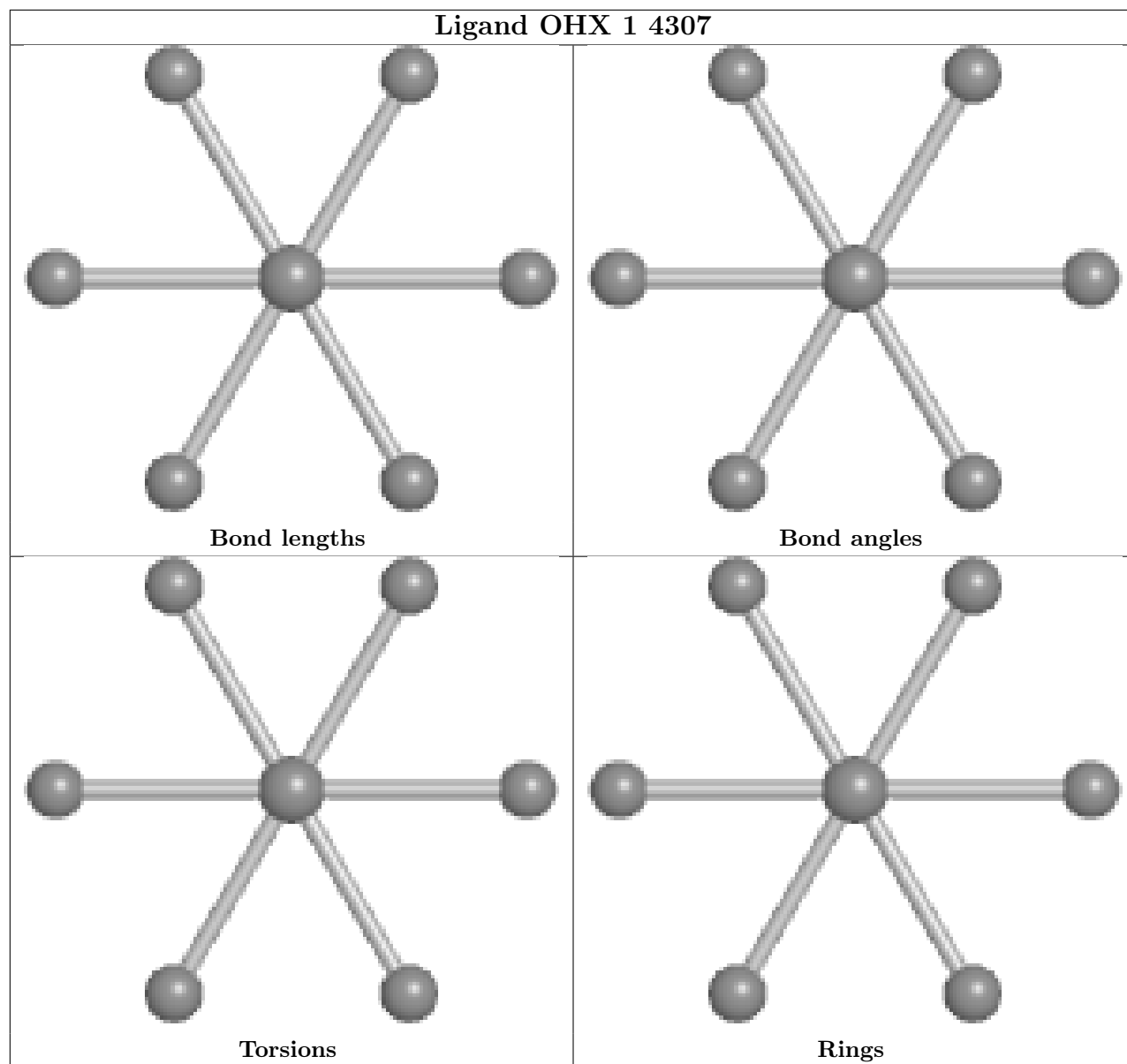


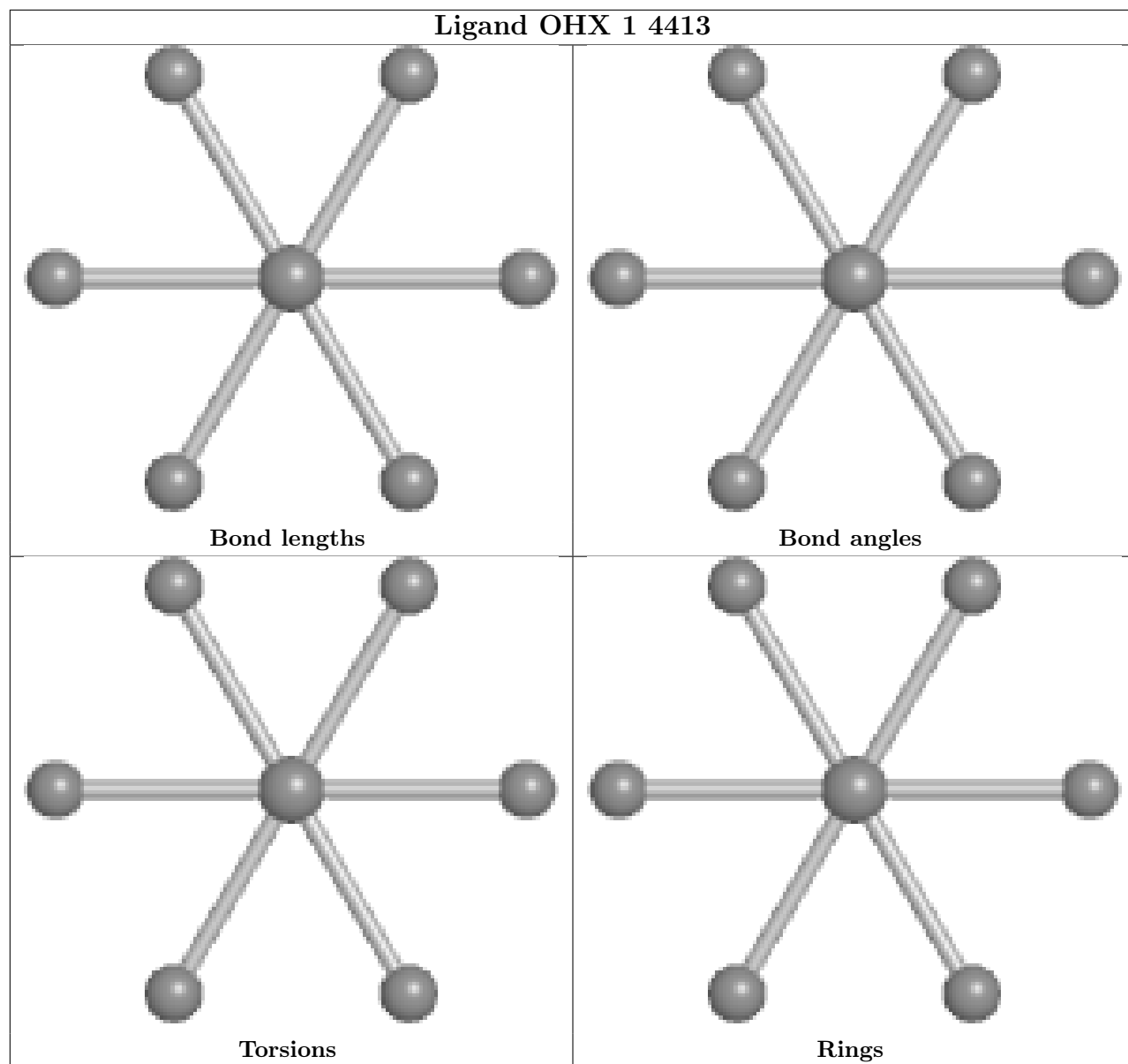


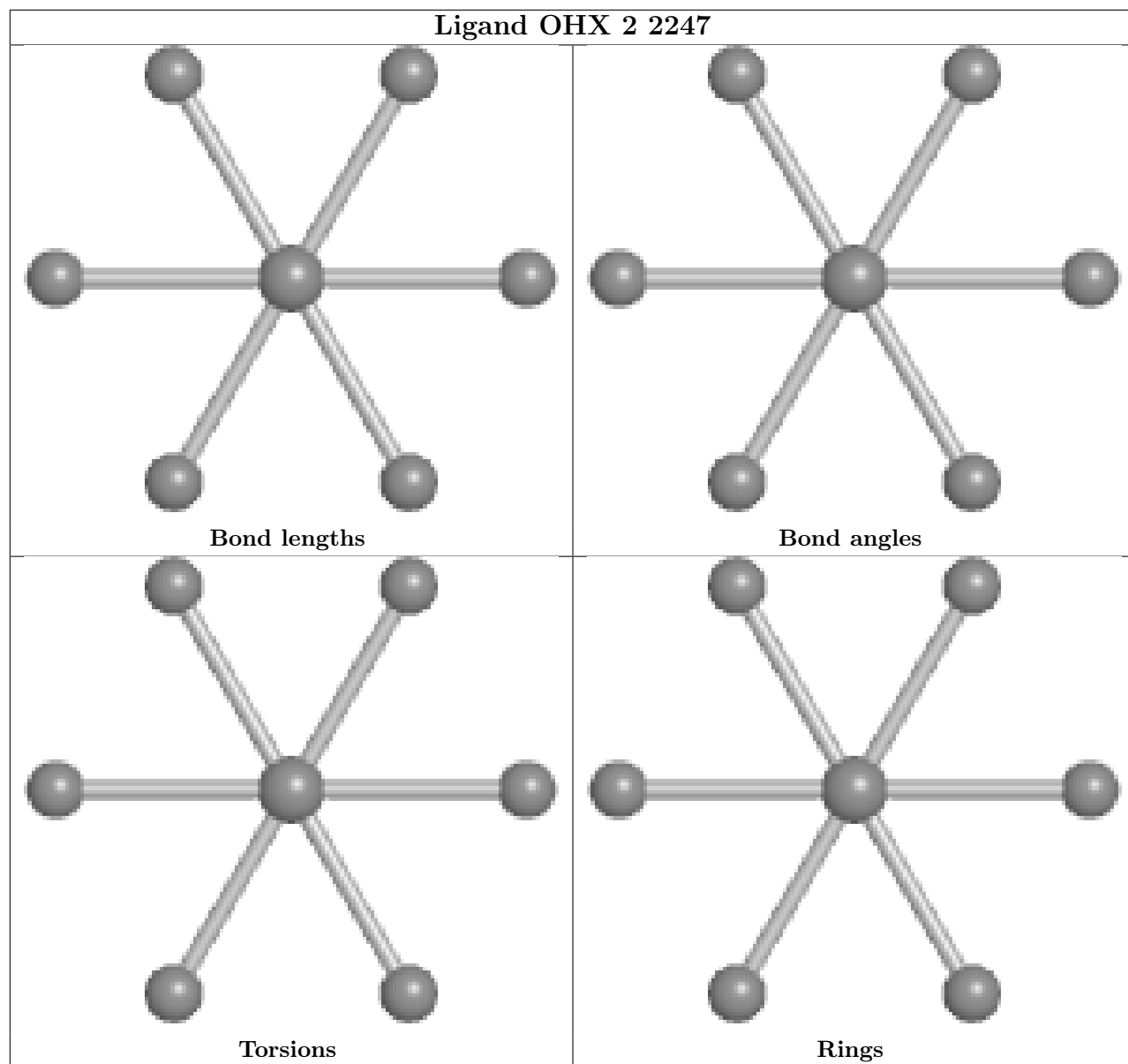


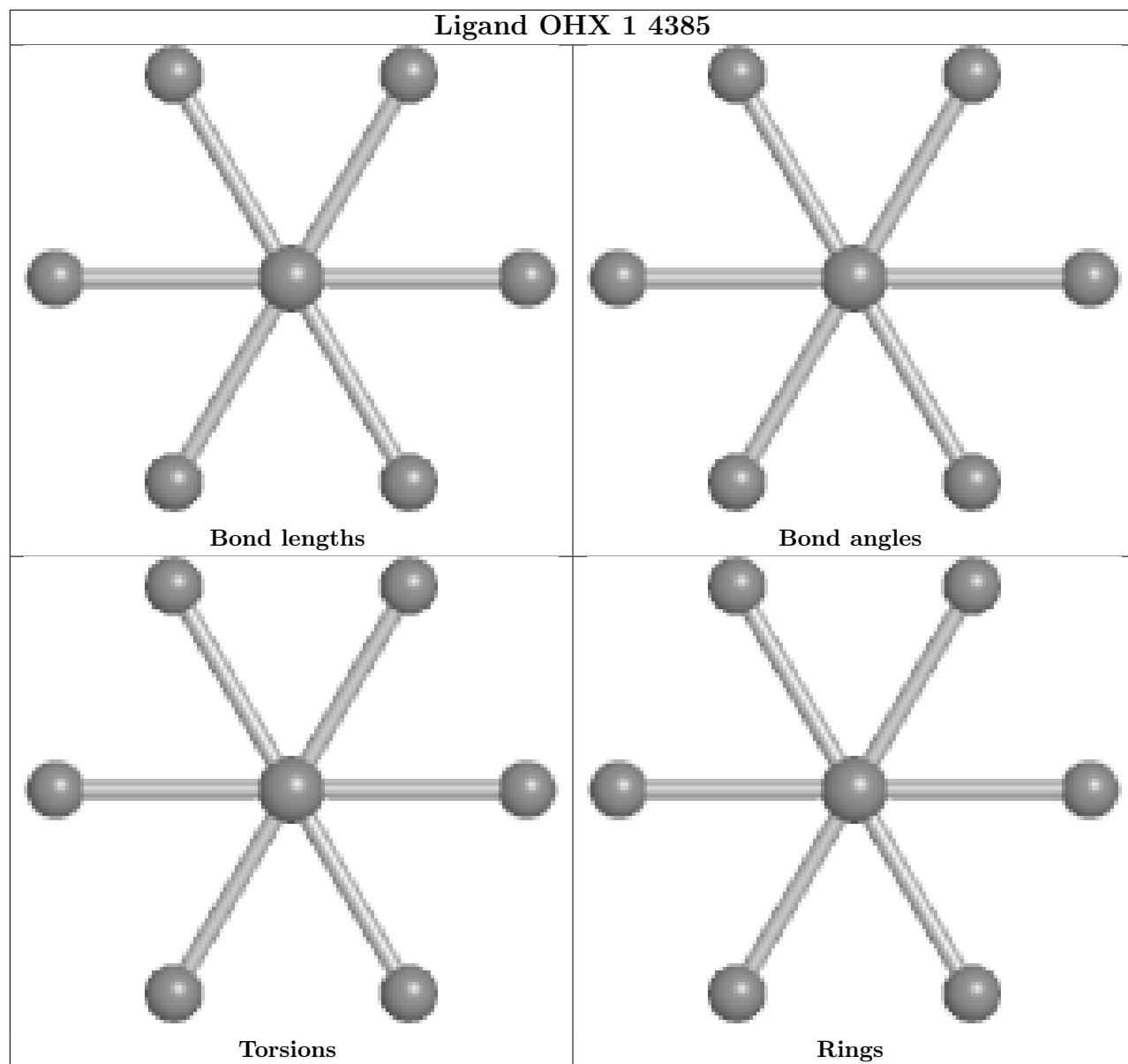


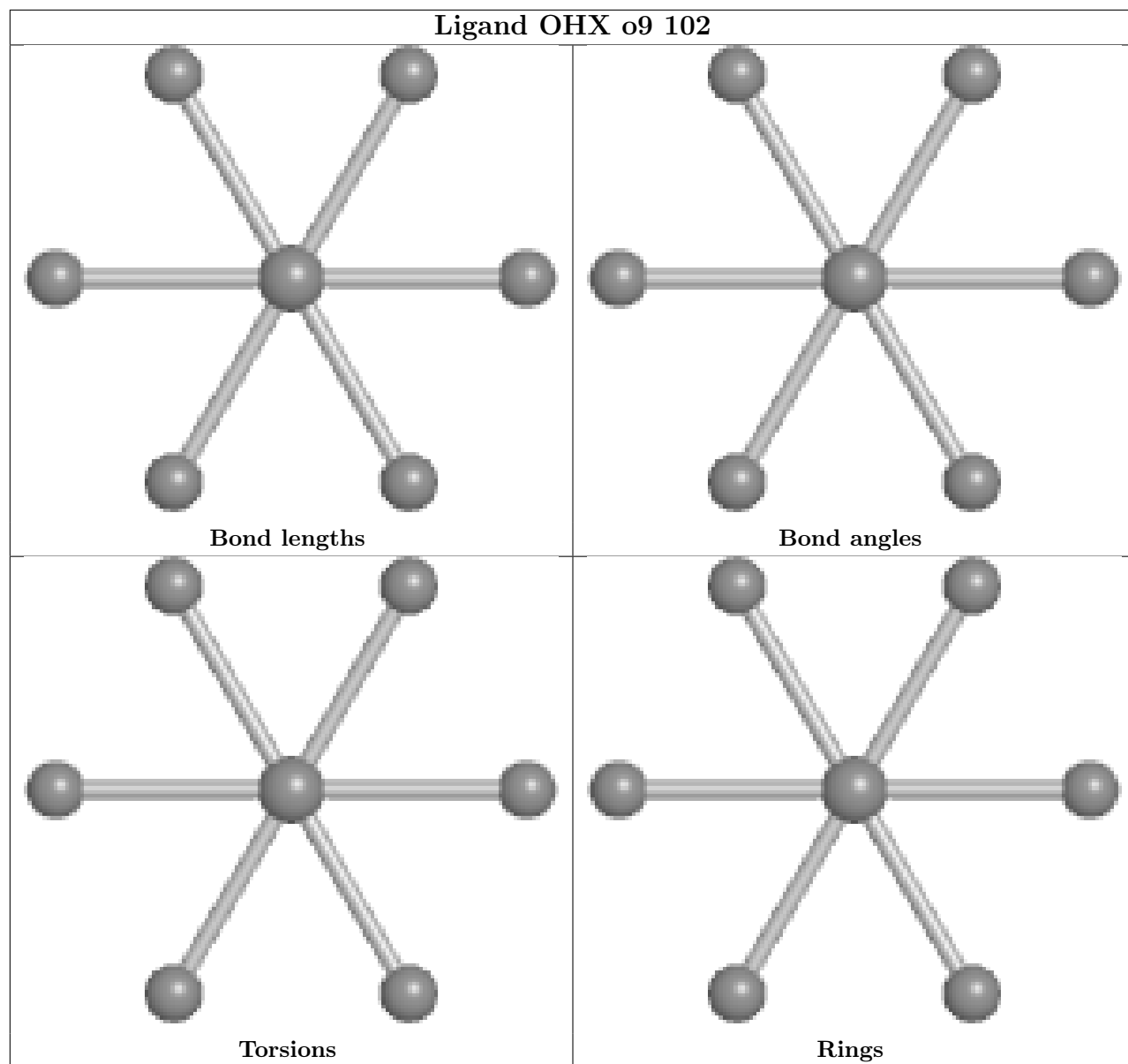


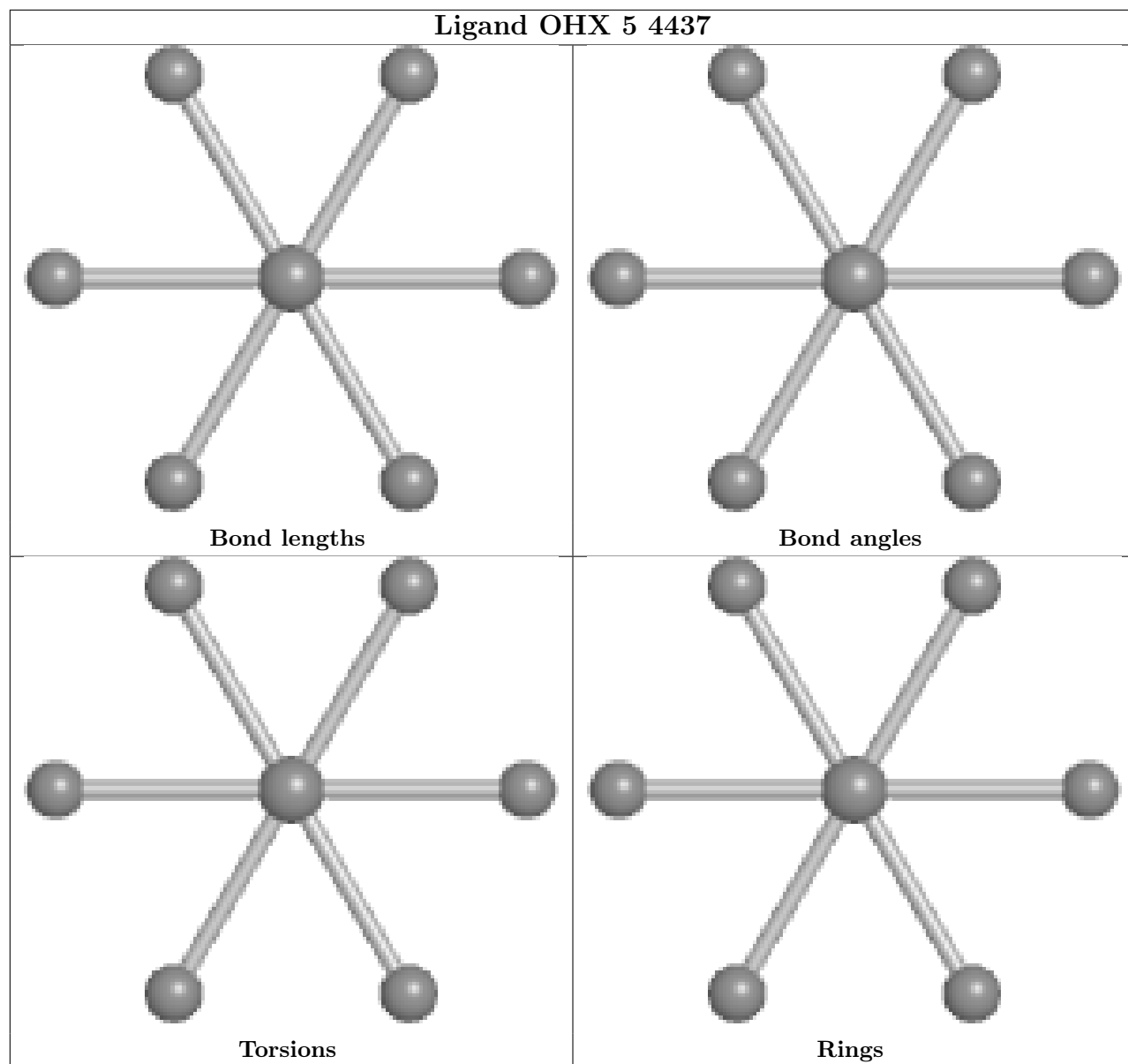


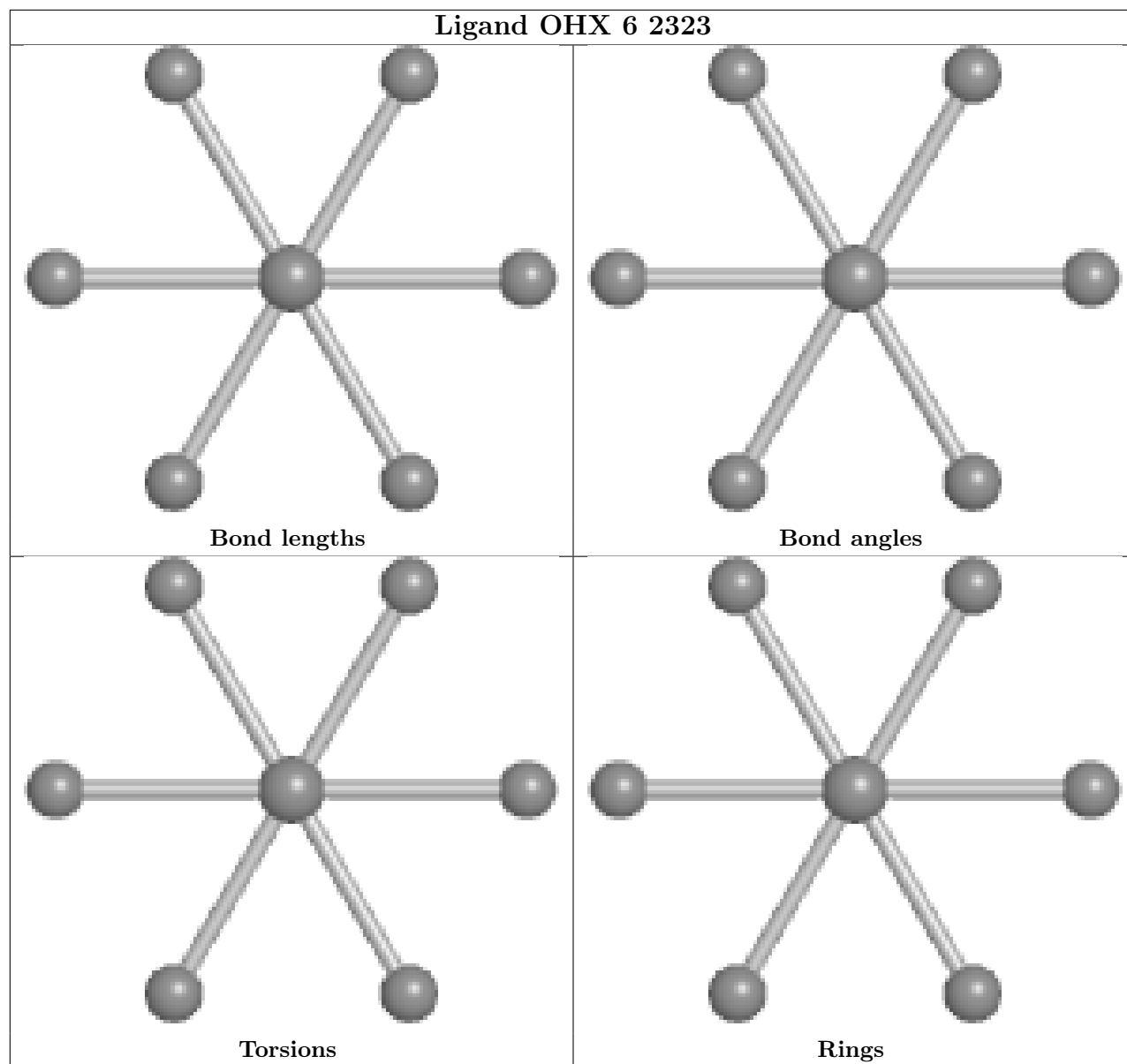


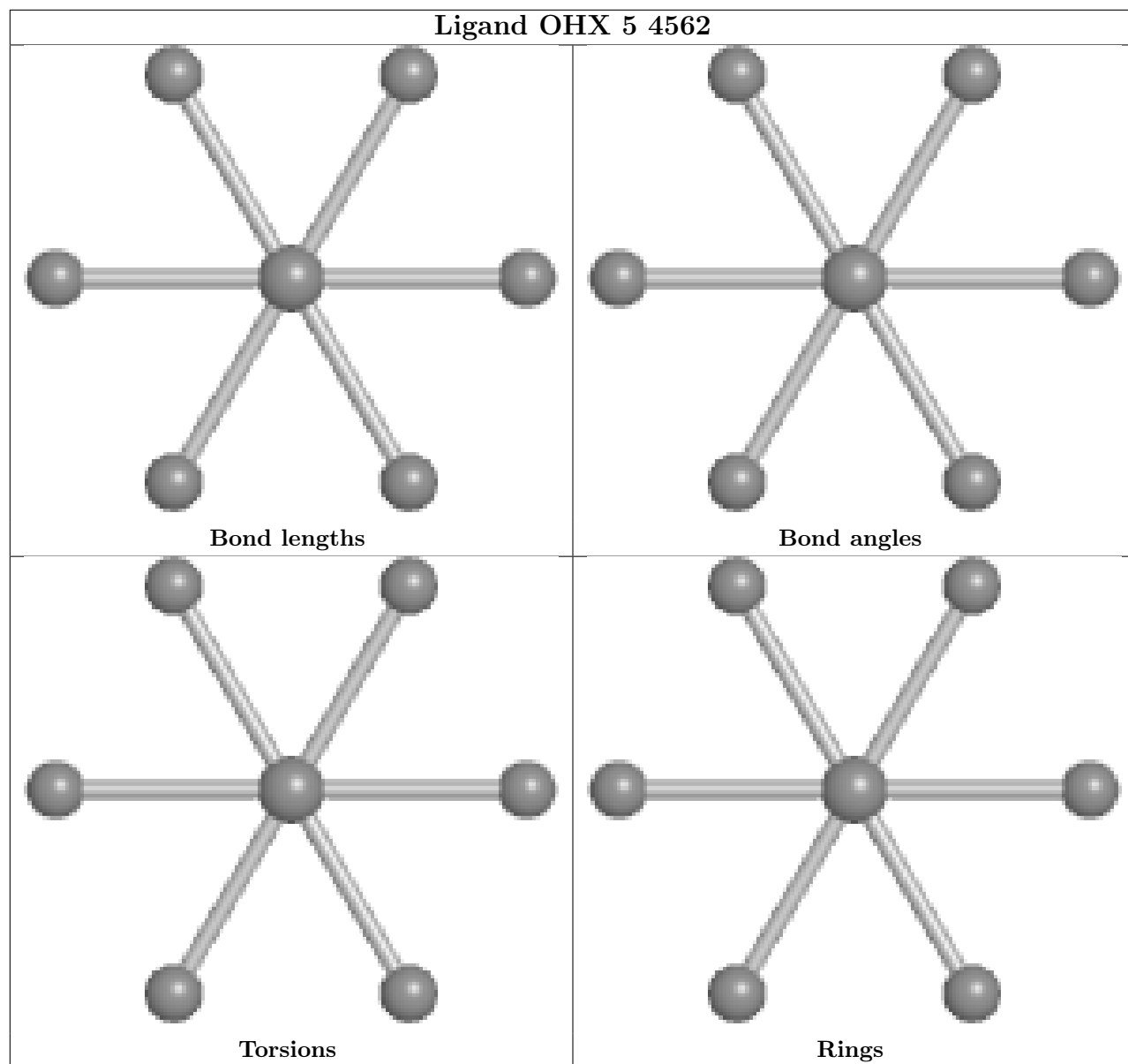


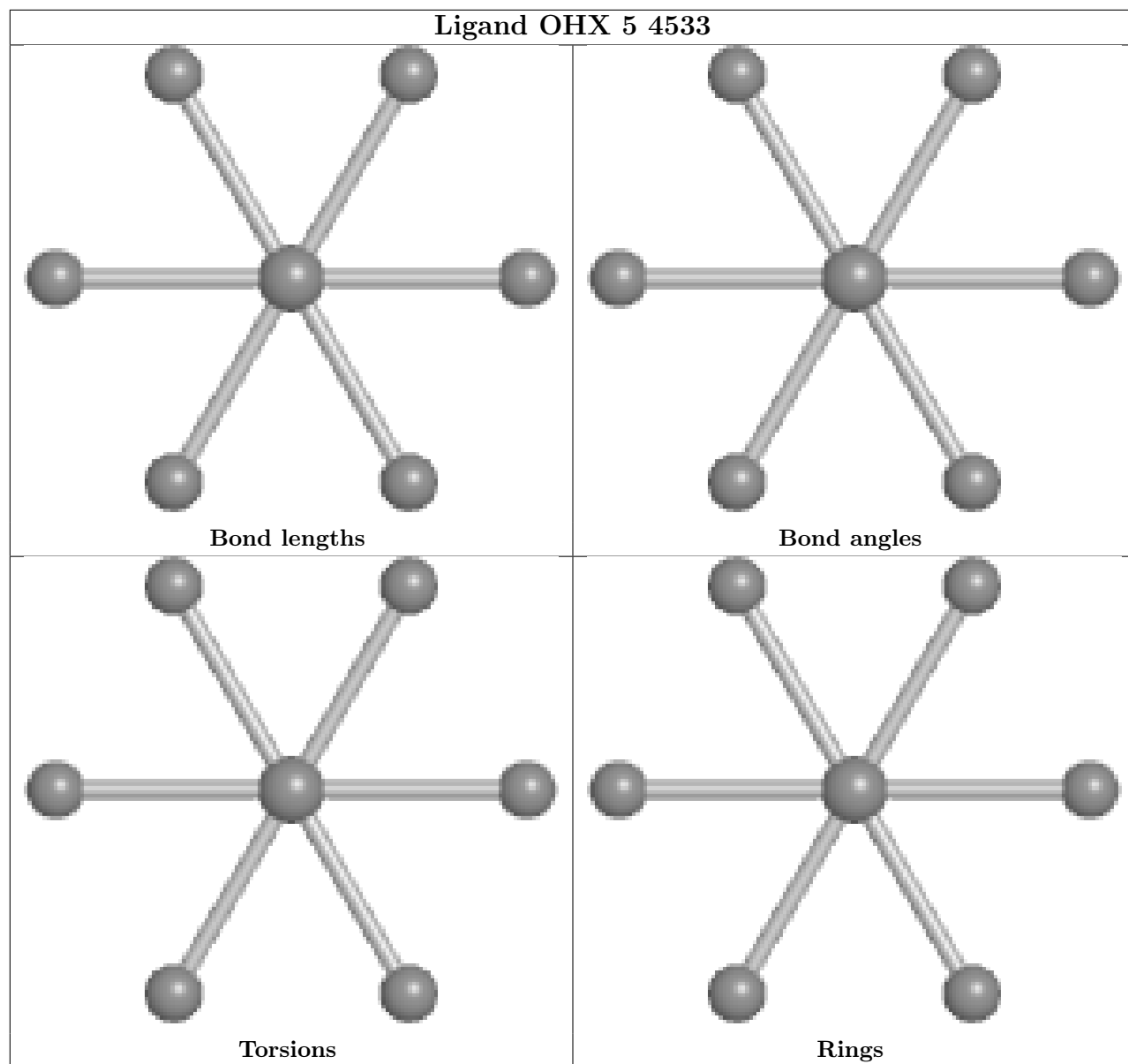


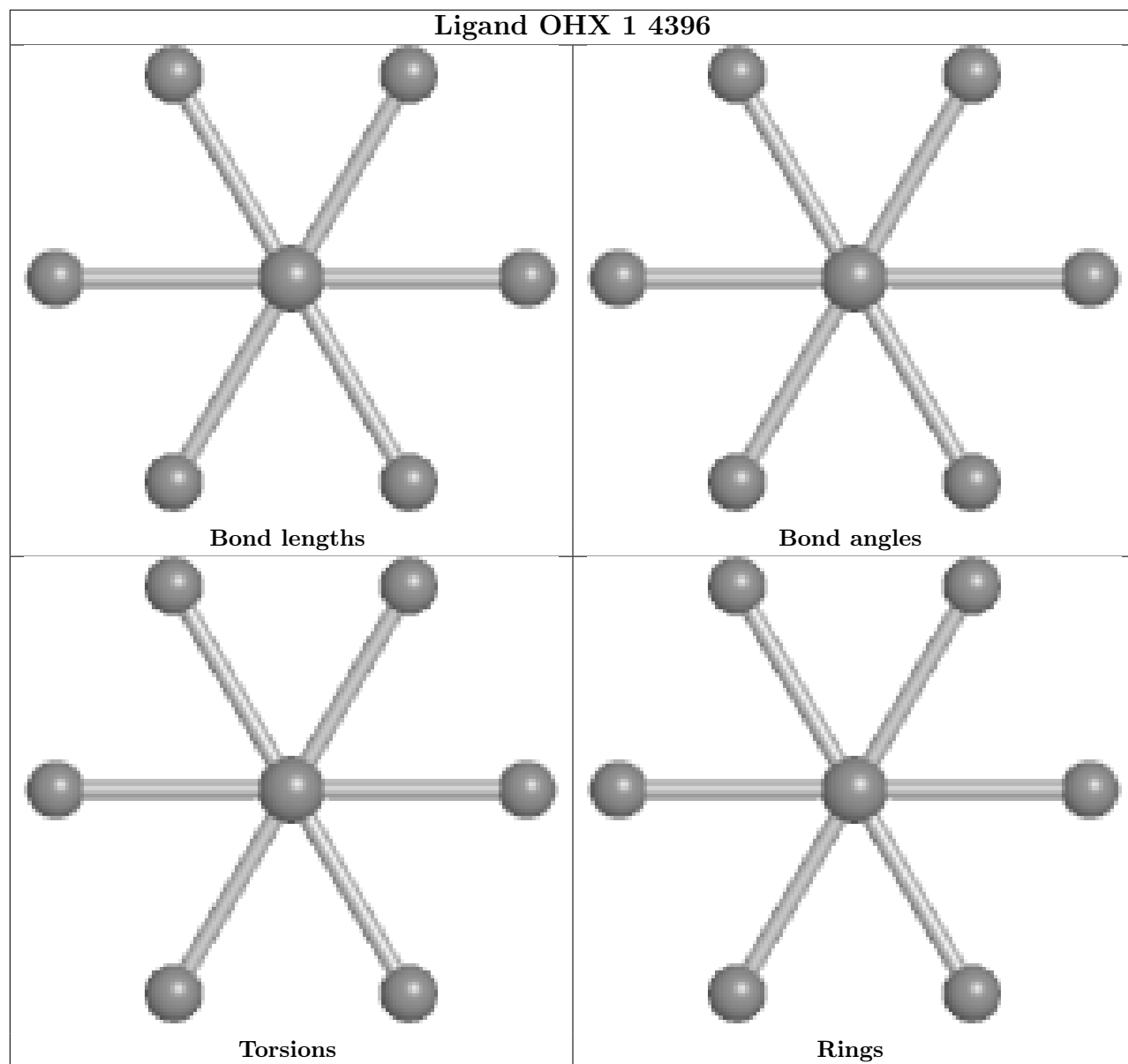


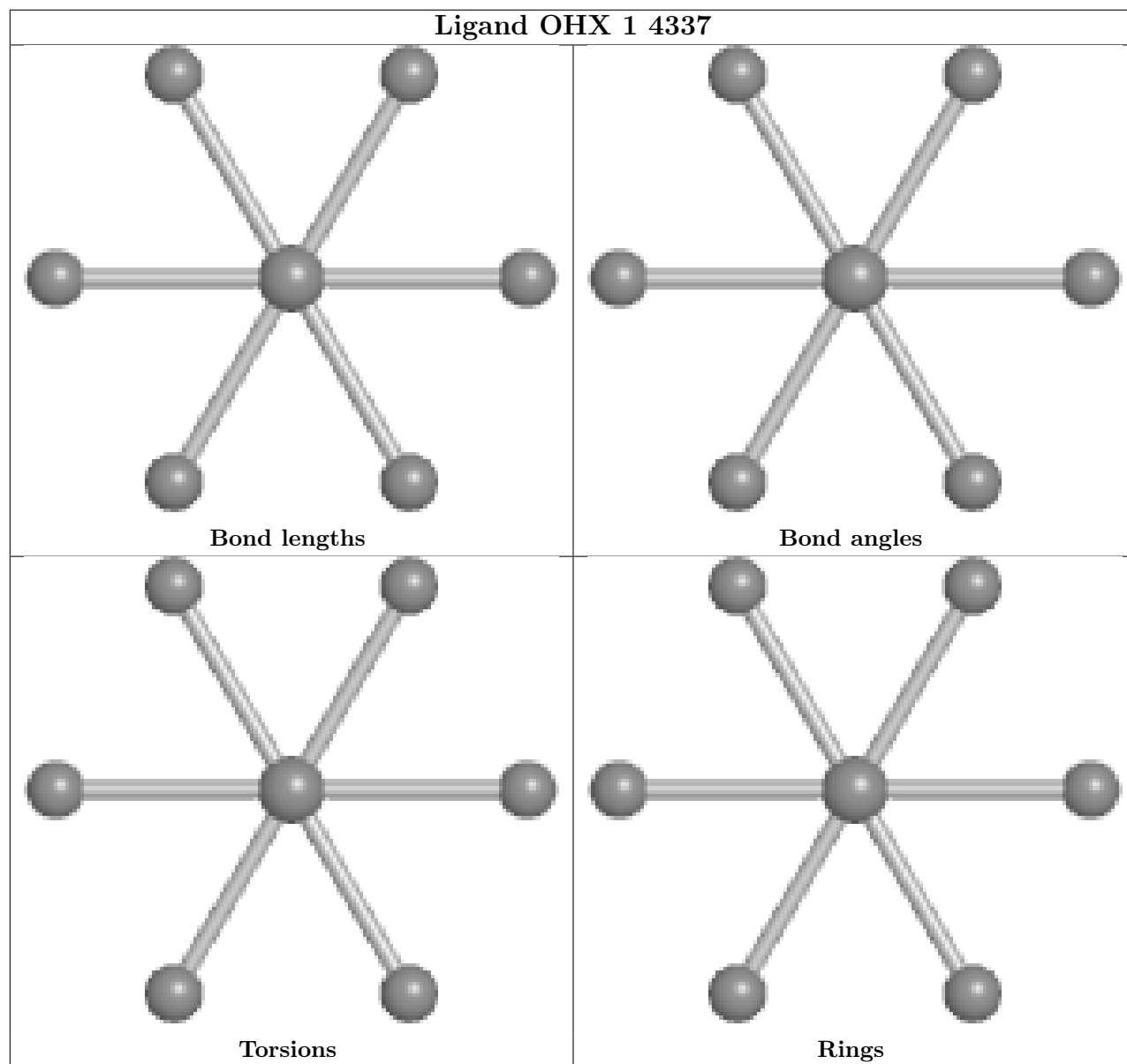


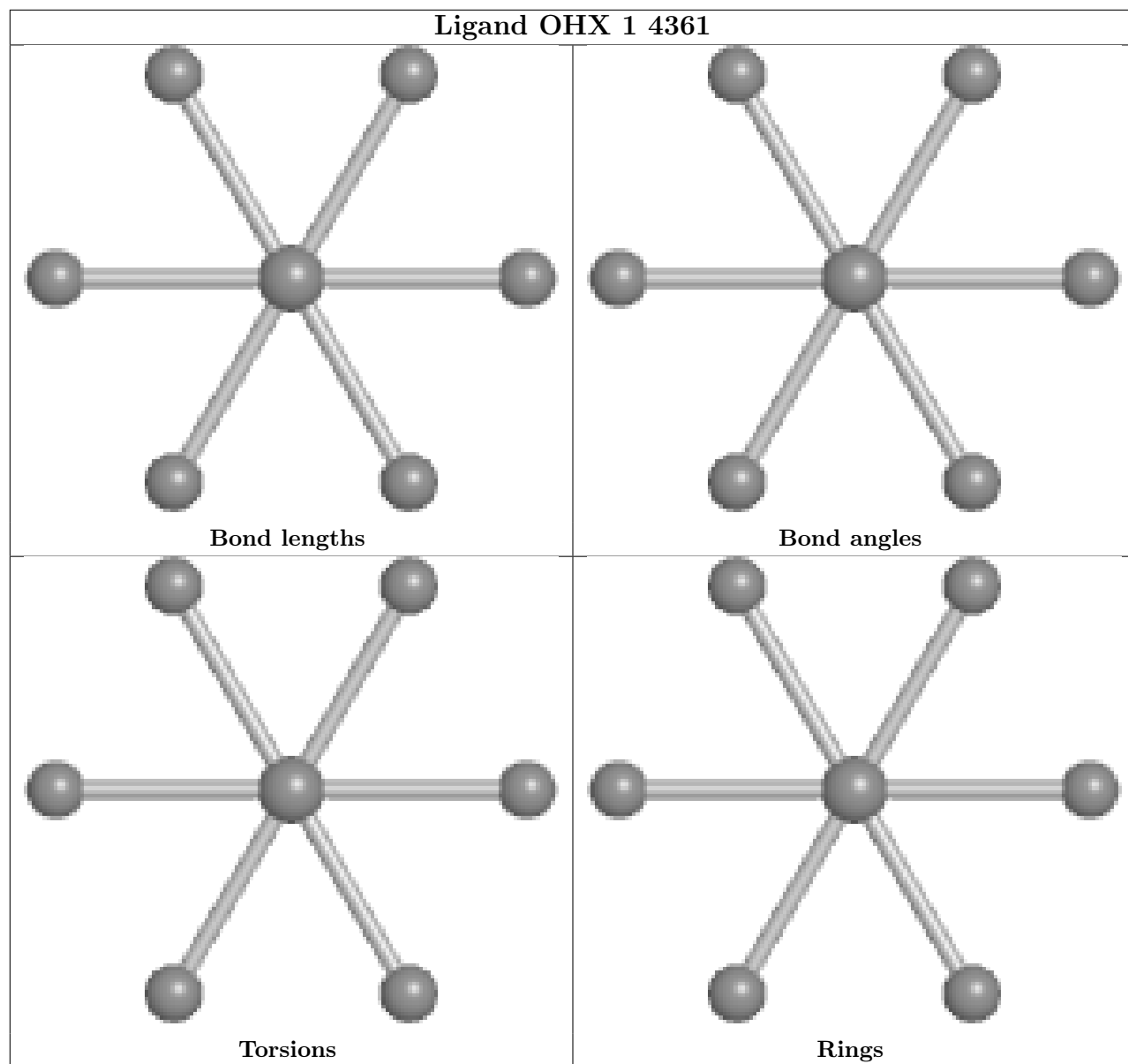


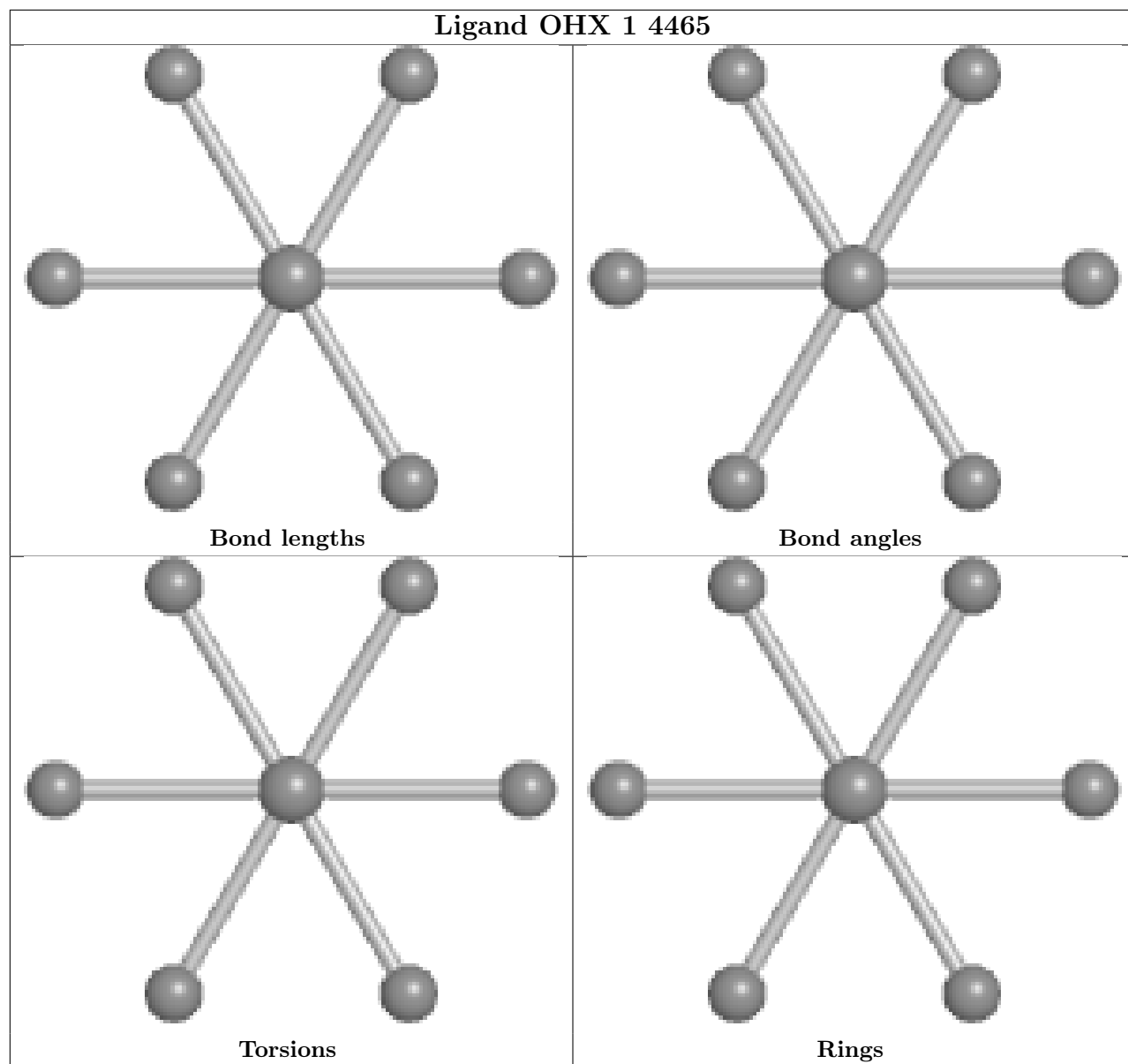


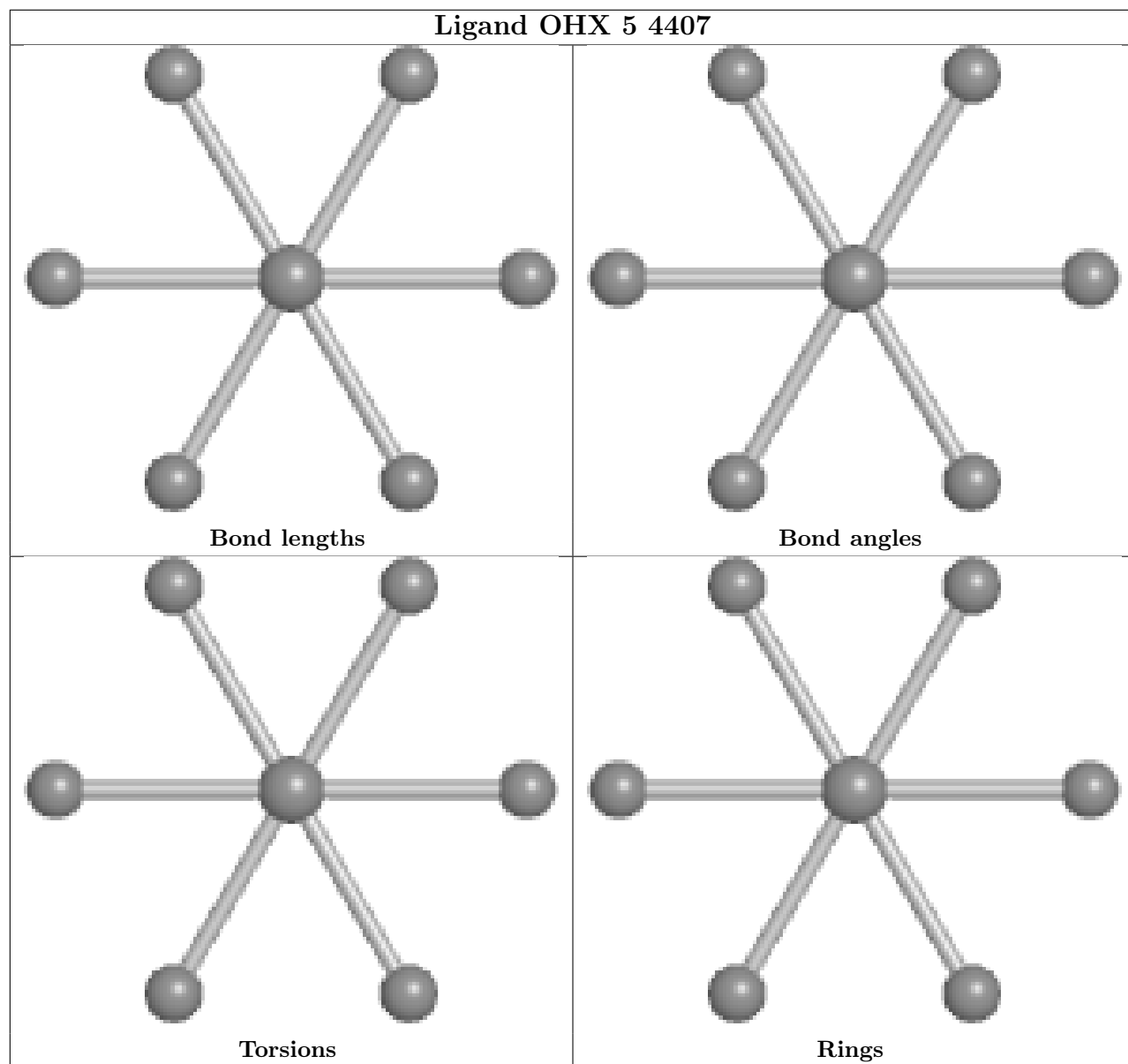


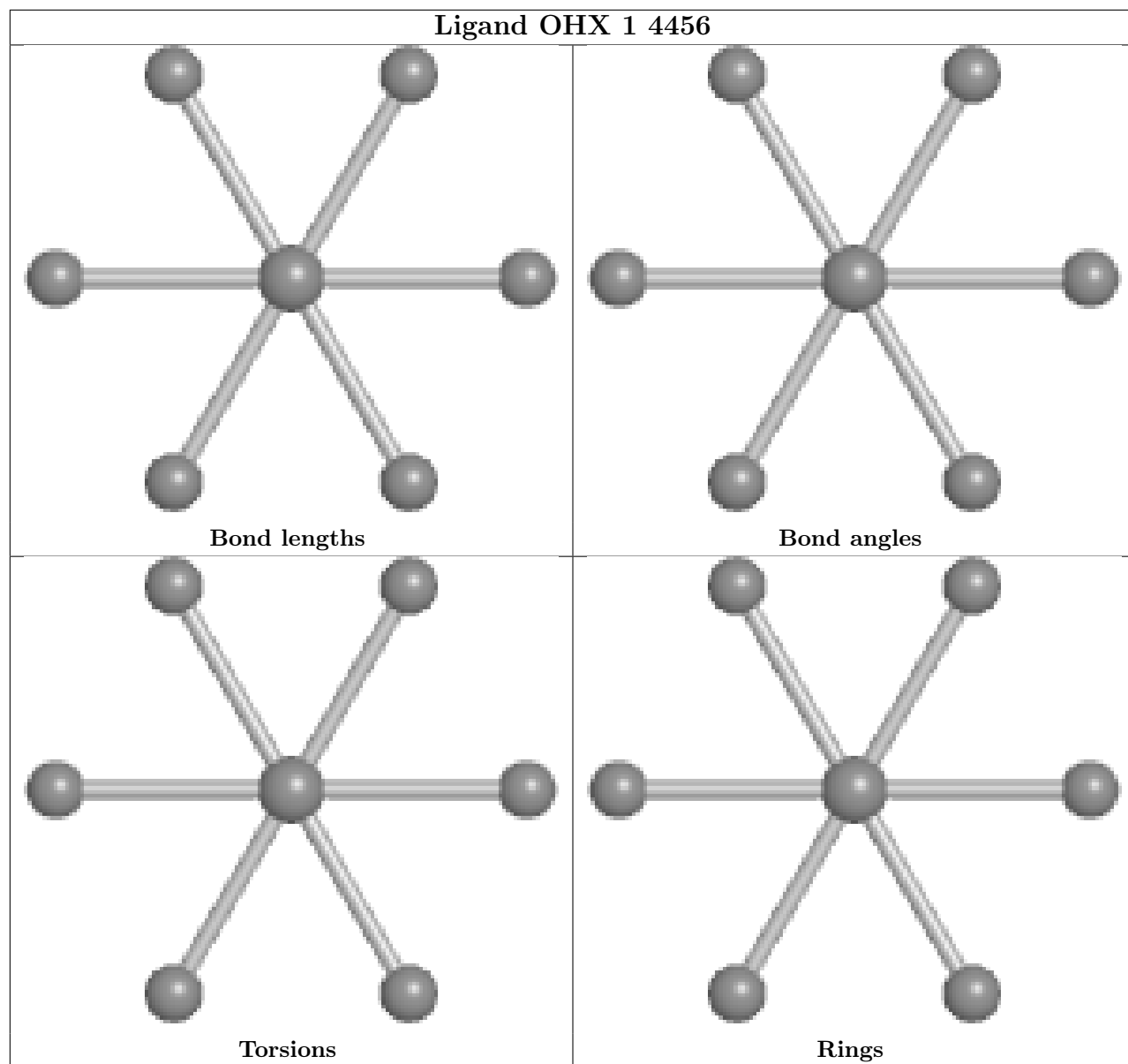


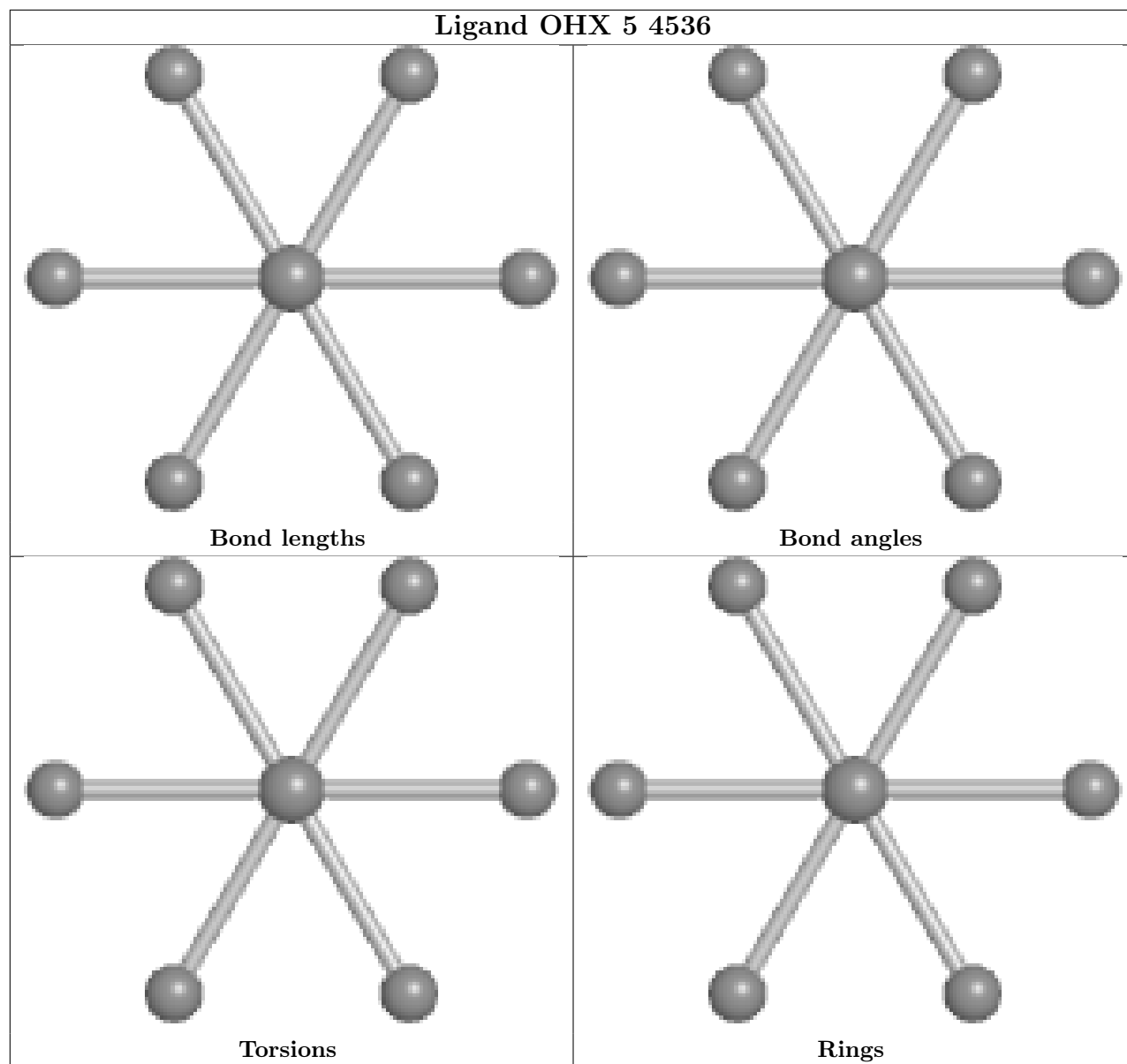


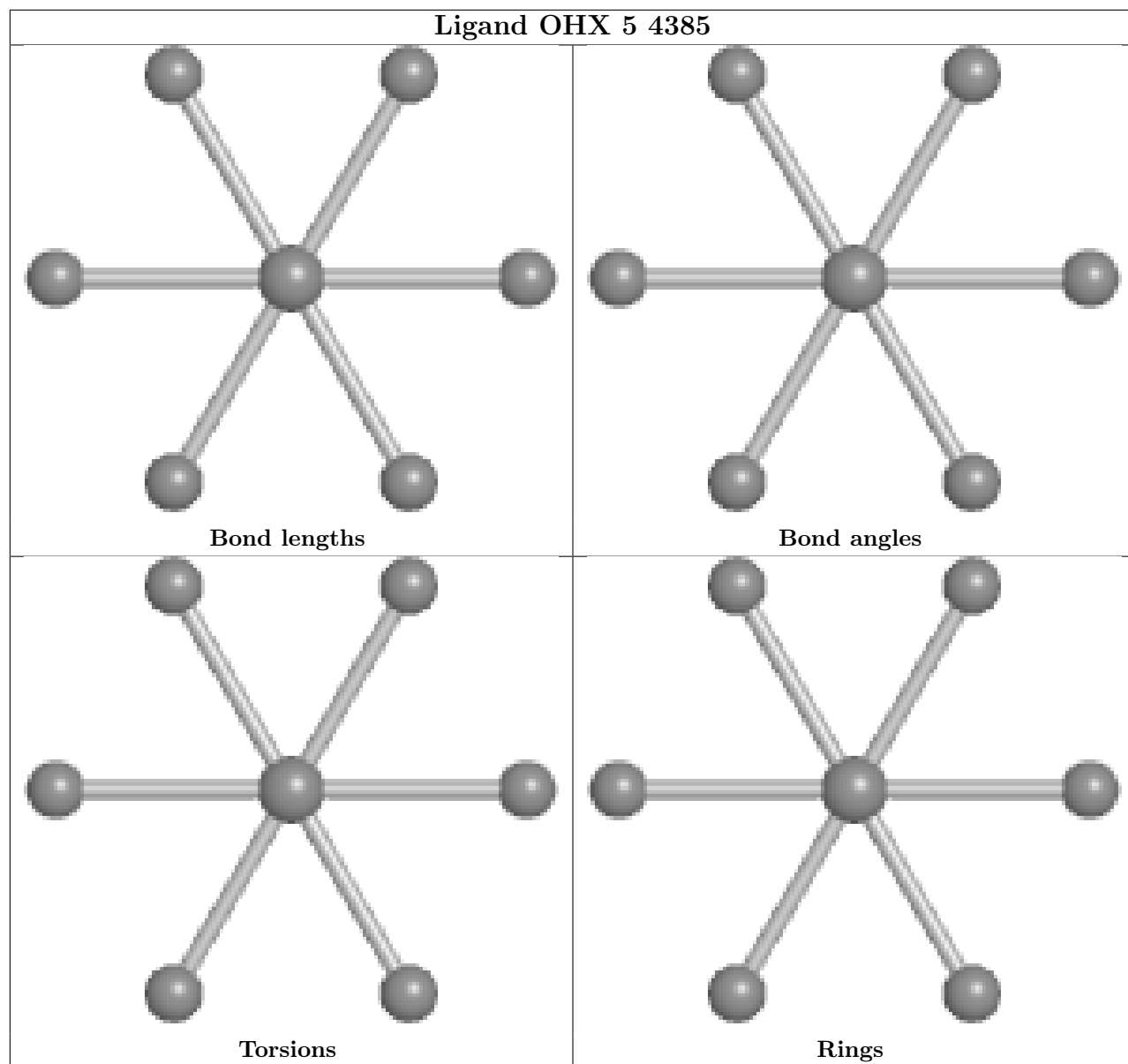


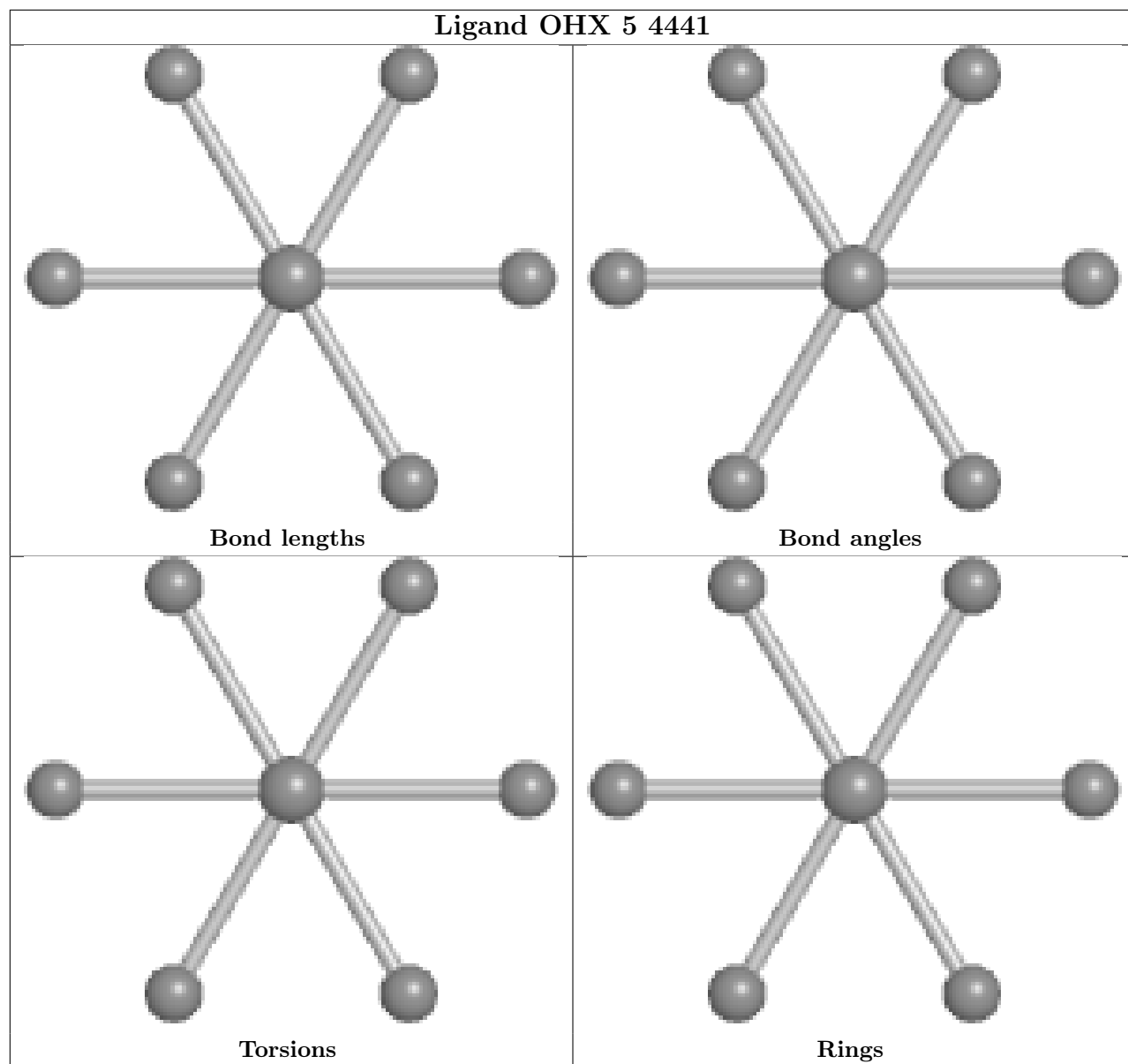


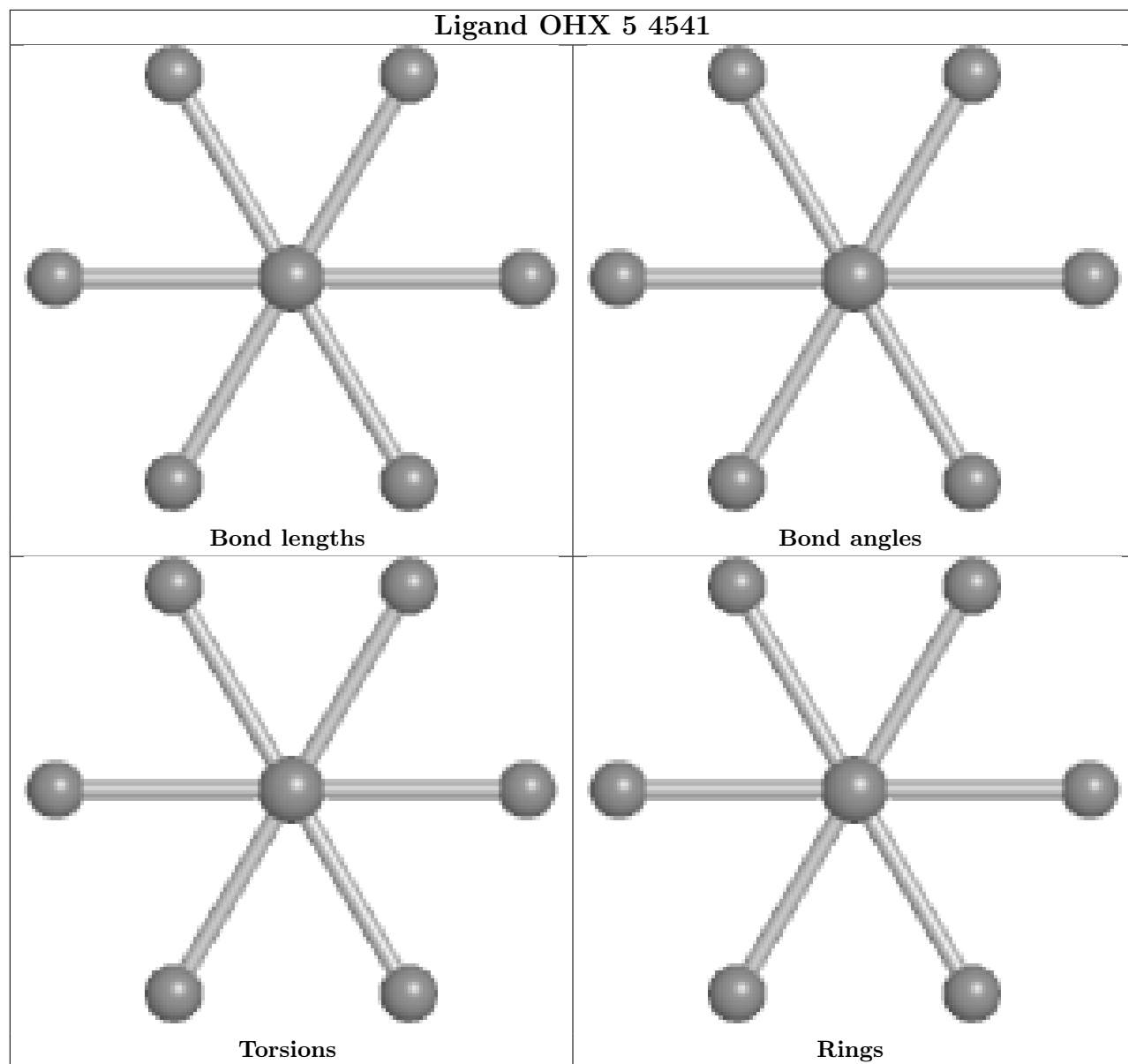


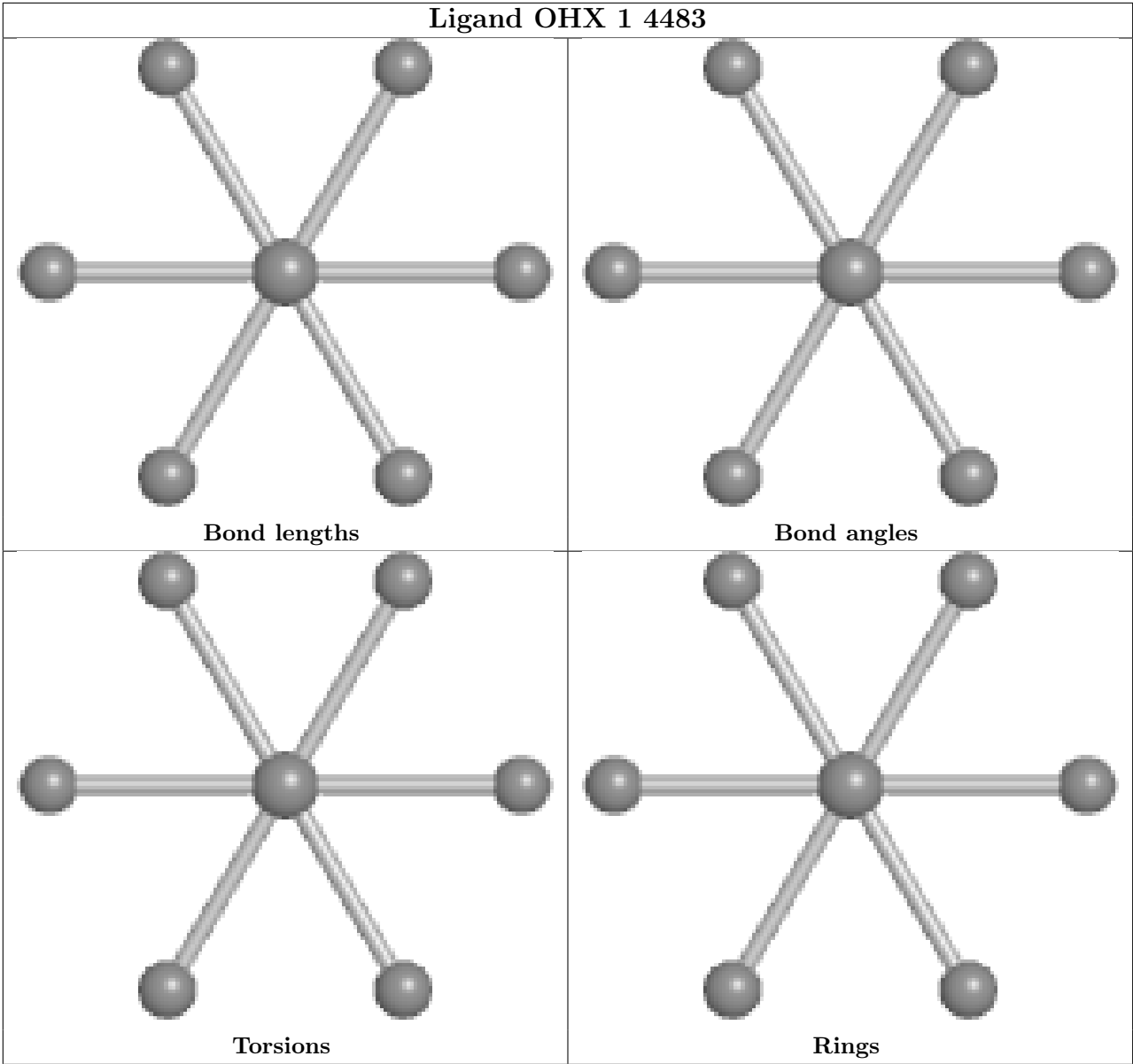












5.7 Other polymers [i](#)

There are no such residues in this entry.

5.8 Polymer linkage issues [i](#)

The following chains have linkage breaks:

| Mol | Chain | Number of breaks |
|-----|-------|------------------|
| 84 | sM | 2 |
| 86 | m2 | 2 |
| 35 | SM | 1 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Number of breaks |
|-----|-------|------------------|
| 80 | c0 | 1 |
| 1 | 2 | 1 |
| 6 | s4 | 1 |
| 42 | l5 | 1 |

The worst 5 of 9 chain breaks are listed below:

| Model | Chain | Residue-1 | Atom-1 | Residue-2 | Atom-2 | Distance (Å) |
|-------|-------|-----------|--------|-----------|--------|--------------|
| 1 | sM | 85:SER | C | 119:UNK | N | 43.93 |
| 1 | sM | 139:UNK | C | 155:UNK | N | 38.21 |
| 1 | SM | 141:ALA | C | 151:UNK | N | 26.51 |
| 1 | c0 | 84:UNK | C | 87:UNK | N | 7.82 |
| 1 | 2 | 1716:C | O3' | 1717:G | P | 3.78 |

6 Fit of model and data ⓘ

6.1 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%) | -0.06 | 41 (2%) 61 41 | 43, 101, 181, 226 | 1 (0%) |
| 1 | 6 | 1795/1800 (99%) | -0.13 | 26 (1%) 73 54 | 37, 93, 167, 227 | 1 (0%) |
| 2 | S0 | 206/206 (100%) | 0.62 | 14 (6%) 23 16 | 106, 120, 129, 135 | 0 |
| 2 | s0 | 206/206 (100%) | 0.55 | 9 (4%) 39 25 | 91, 107, 119, 120 | 0 |
| 3 | S1 | 214/216 (99%) | 0.88 | 22 (10%) 12 10 | 112, 144, 166, 170 | 0 |
| 3 | s1 | 216/216 (100%) | 0.39 | 10 (4%) 37 25 | 89, 100, 117, 126 | 0 |
| 4 | S2 | 217/217 (100%) | 0.50 | 5 (2%) 61 41 | 88, 100, 114, 121 | 0 |
| 4 | s2 | 217/217 (100%) | 0.54 | 12 (5%) 30 21 | 75, 90, 101, 110 | 0 |
| 5 | S3 | 223/223 (100%) | 0.64 | 10 (4%) 38 25 | 95, 105, 125, 136 | 0 |
| 5 | s3 | 223/223 (100%) | 0.59 | 11 (4%) 35 23 | 93, 115, 133, 138 | 0 |
| 6 | S4 | 260/260 (100%) | 0.24 | 1 (0%) 88 78 | 77, 102, 112, 131 | 0 |
| 6 | s4 | 260/260 (100%) | 0.23 | 5 (1%) 66 48 | 62, 90, 105, 125 | 0 |
| 7 | S5 | 206/206 (100%) | 0.61 | 11 (5%) 32 21 | 105, 121, 131, 140 | 0 |
| 7 | s5 | 206/206 (100%) | 0.68 | 17 (8%) 17 13 | 97, 116, 131, 137 | 0 |
| 8 | S6 | 226/226 (100%) | 0.83 | 21 (9%) 14 11 | 80, 112, 126, 133 | 0 |
| 8 | s6 | 218/226 (96%) | 0.44 | 8 (3%) 45 30 | 65, 92, 110, 121 | 0 |
| 9 | S7 | 184/186 (98%) | 1.16 | 28 (15%) 5 5 | 100, 124, 149, 154 | 0 |
| 9 | s7 | 186/186 (100%) | 1.00 | 26 (13%) 6 5 | 84, 115, 139, 144 | 0 |
| 10 | S8 | 188/199 (94%) | 0.40 | 6 (3%) 50 34 | 74, 89, 121, 132 | 0 |
| 10 | s8 | 188/199 (94%) | 0.55 | 11 (5%) 28 19 | 61, 83, 121, 139 | 0 |
| 11 | S9 | 185/185 (100%) | 0.80 | 14 (7%) 20 15 | 92, 109, 138, 156 | 0 |
| 11 | s9 | 185/185 (100%) | 0.70 | 12 (6%) 25 17 | 77, 95, 122, 136 | 0 |
| 12 | C0 | 83/96 (86%) | 0.55 | 6 (7%) 21 15 | 98, 116, 126, 129 | 0 |
| 13 | C1 | 146/155 (94%) | 0.49 | 8 (5%) 30 21 | 76, 86, 106, 118 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | | | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|----------|-----|-----|-----------------------|-------|
| 13 | c1 | 146/155 (94%) | 0.74 | 11 (7%) | 20 | 15 | 66, 81, 109, 129 | 0 |
| 14 | C2 | 124/124 (100%) | 0.88 | 10 (8%) | 18 | 14 | 142, 150, 160, 162 | 0 |
| 15 | C3 | 150/150 (100%) | 0.60 | 5 (3%) | 49 | 33 | 84, 99, 113, 118 | 0 |
| 15 | c3 | 150/150 (100%) | 0.54 | 5 (3%) | 49 | 33 | 75, 88, 104, 107 | 0 |
| 16 | C4 | 127/128 (99%) | 1.10 | 22 (17%) | 4 | 4 | 87, 145, 156, 158 | 0 |
| 16 | c4 | 128/128 (100%) | 0.53 | 6 (4%) | 36 | 24 | 72, 104, 112, 117 | 0 |
| 17 | C5 | 124/131 (94%) | 0.46 | 4 (3%) | 50 | 34 | 92, 105, 122, 138 | 0 |
| 18 | C6 | 141/142 (99%) | 0.57 | 4 (2%) | 55 | 36 | 94, 114, 118, 121 | 0 |
| 18 | c6 | 142/142 (100%) | 0.77 | 12 (8%) | 16 | 13 | 91, 111, 122, 135 | 0 |
| 19 | C7 | 120/125 (96%) | 0.42 | 1 (0%) | 82 | 68 | 103, 116, 136, 138 | 0 |
| 19 | c7 | 117/125 (93%) | 0.50 | 5 (4%) | 40 | 26 | 98, 111, 126, 134 | 0 |
| 20 | C8 | 145/145 (100%) | 0.24 | 1 (0%) | 84 | 70 | 89, 109, 134, 139 | 0 |
| 20 | c8 | 145/145 (100%) | 0.33 | 3 (2%) | 63 | 44 | 91, 105, 125, 130 | 0 |
| 21 | C9 | 143/143 (100%) | 0.47 | 1 (0%) | 84 | 70 | 97, 109, 123, 130 | 0 |
| 21 | c9 | 143/143 (100%) | 0.50 | 6 (4%) | 40 | 26 | 93, 105, 119, 128 | 0 |
| 22 | D0 | 107/110 (97%) | 1.07 | 12 (11%) | 10 | 9 | 90, 117, 134, 136 | 0 |
| 22 | d0 | 110/110 (100%) | 0.90 | 13 (11%) | 9 | 8 | 91, 121, 142, 148 | 0 |
| 23 | D1 | 87/87 (100%) | 0.43 | 3 (3%) | 48 | 32 | 102, 110, 125, 131 | 0 |
| 23 | d1 | 87/87 (100%) | 0.19 | 0 | 100 | 100 | 87, 96, 116, 122 | 0 |
| 24 | D2 | 129/129 (100%) | 0.69 | 5 (3%) | 43 | 29 | 86, 97, 103, 115 | 0 |
| 24 | d2 | 129/129 (100%) | 0.29 | 0 | 100 | 100 | 72, 82, 90, 98 | 0 |
| 25 | D3 | 144/144 (100%) | 0.45 | 6 (4%) | 40 | 26 | 76, 81, 92, 104 | 0 |
| 25 | d3 | 144/144 (100%) | 0.42 | 11 (7%) | 20 | 15 | 64, 69, 78, 90 | 0 |
| 26 | D4 | 134/134 (100%) | 0.55 | 6 (4%) | 38 | 25 | 90, 110, 120, 125 | 0 |
| 26 | d4 | 134/134 (100%) | 0.50 | 3 (2%) | 62 | 43 | 71, 94, 104, 110 | 0 |
| 27 | D5 | 70/70 (100%) | 0.43 | 1 (1%) | 73 | 54 | 118, 130, 136, 138 | 0 |
| 27 | d5 | 69/70 (98%) | 0.45 | 1 (1%) | 73 | 54 | 108, 121, 130, 131 | 0 |
| 28 | D6 | 97/97 (100%) | 1.27 | 14 (14%) | 6 | 5 | 94, 110, 156, 157 | 0 |
| 28 | d6 | 97/97 (100%) | 0.65 | 4 (4%) | 41 | 27 | 79, 92, 115, 120 | 0 |
| 29 | D7 | 81/81 (100%) | 0.77 | 3 (3%) | 45 | 30 | 100, 113, 138, 141 | 0 |
| 29 | d7 | 81/81 (100%) | 0.78 | 7 (8%) | 16 | 13 | 86, 100, 133, 135 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-----------------|--------|---------------|-----------------------|-------|
| 30 | D8 | 63/63 (100%) | 0.97 | 5 (7%) 18 14 | 115, 130, 137, 140 | 0 |
| 30 | d8 | 63/63 (100%) | 0.98 | 6 (9%) 14 11 | 111, 126, 132, 136 | 0 |
| 31 | D9 | 53/53 (100%) | 0.26 | 1 (1%) 66 48 | 89, 93, 112, 118 | 0 |
| 31 | d9 | 53/53 (100%) | 0.33 | 0 100 100 | 90, 98, 126, 138 | 0 |
| 32 | E0 | 60/62 (96%) | 0.62 | 7 (11%) 9 8 | 82, 110, 134, 137 | 0 |
| 32 | e0 | 62/62 (100%) | 0.67 | 4 (6%) 25 17 | 73, 97, 118, 122 | 0 |
| 33 | E1 | 71/76 (93%) | 0.95 | 9 (12%) 8 6 | 111, 138, 149, 152 | 0 |
| 33 | e1 | 76/76 (100%) | 1.05 | 11 (14%) 6 5 | 115, 163, 180, 182 | 0 |
| 34 | SR | 318/318 (100%) | 0.23 | 6 (1%) 66 48 | 110, 122, 134, 155 | 0 |
| 35 | SM | 133/159 (83%) | 0.80 | 24 (18%) 3 3 | 70, 100, 131, 138 | 0 |
| 36 | 1 | 3149/3394 (92%) | -0.31 | 26 (0%) 82 68 | 44, 66, 136, 228 | 0 |
| 36 | 5 | 3150/3394 (92%) | -0.37 | 30 (0%) 79 62 | 43, 64, 129, 201 | 0 |
| 37 | 3 | 121/121 (100%) | -0.42 | 0 100 100 | 52, 83, 98, 103 | 0 |
| 37 | 7 | 121/121 (100%) | -0.47 | 1 (0%) 82 68 | 48, 67, 79, 86 | 0 |
| 38 | 4 | 158/158 (100%) | -0.47 | 1 (0%) 85 73 | 51, 67, 103, 140 | 0 |
| 38 | 8 | 158/158 (100%) | -0.44 | 2 (1%) 75 56 | 53, 73, 107, 132 | 0 |
| 39 | L2 | 252/252 (100%) | 0.34 | 9 (3%) 46 31 | 51, 67, 83, 90 | 0 |
| 39 | l2 | 252/252 (100%) | 0.37 | 12 (4%) 35 24 | 52, 69, 84, 93 | 0 |
| 40 | L3 | 386/386 (100%) | 0.13 | 3 (0%) 82 68 | 49, 70, 82, 98 | 0 |
| 40 | l3 | 386/386 (100%) | -0.04 | 6 (1%) 70 52 | 44, 58, 71, 88 | 0 |
| 41 | L4 | 361/361 (100%) | 0.17 | 18 (4%) 34 23 | 46, 62, 78, 81 | 0 |
| 41 | l4 | 361/361 (100%) | 0.41 | 20 (5%) 30 21 | 49, 66, 81, 90 | 0 |
| 42 | L5 | 296/296 (100%) | 0.33 | 10 (3%) 48 32 | 66, 90, 106, 125 | 0 |
| 42 | l5 | 294/296 (99%) | 0.14 | 4 (1%) 73 54 | 56, 70, 91, 107 | 0 |
| 43 | L6 | 156/175 (89%) | 0.03 | 1 (0%) 85 73 | 58, 66, 81, 92 | 0 |
| 43 | l6 | 157/175 (89%) | 0.04 | 2 (1%) 75 56 | 59, 66, 86, 97 | 0 |
| 44 | L7 | 222/223 (99%) | -0.10 | 1 (0%) 87 76 | 50, 58, 85, 115 | 0 |
| 44 | l7 | 223/223 (100%) | -0.05 | 1 (0%) 88 78 | 49, 58, 91, 116 | 0 |
| 45 | L8 | 233/233 (100%) | 0.63 | 12 (5%) 33 22 | 74, 88, 117, 122 | 0 |
| 46 | L9 | 191/191 (100%) | 0.51 | 11 (5%) 29 19 | 68, 78, 88, 98 | 0 |
| 46 | l9 | 191/191 (100%) | 0.13 | 2 (1%) 79 62 | 54, 63, 79, 88 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|---------------|-----------------------|-------|
| 47 | M0 | 211/220 (95%) | 0.37 | 9 (4%) 40 26 | 55, 70, 100, 113 | 0 |
| 47 | m0 | 213/220 (96%) | 0.66 | 13 (6%) 27 19 | 51, 69, 89, 101 | 0 |
| 48 | M1 | 169/169 (100%) | 0.51 | 7 (4%) 41 27 | 78, 94, 104, 110 | 0 |
| 48 | m1 | 169/169 (100%) | 0.15 | 1 (0%) 85 73 | 61, 76, 85, 88 | 0 |
| 49 | M3 | 193/194 (99%) | 0.43 | 10 (5%) 33 22 | 49, 71, 105, 128 | 0 |
| 49 | m3 | 194/194 (100%) | 0.27 | 7 (3%) 46 31 | 52, 78, 112, 125 | 0 |
| 50 | M4 | 136/137 (99%) | 0.10 | 1 (0%) 84 70 | 62, 69, 79, 88 | 0 |
| 50 | m4 | 137/137 (100%) | 0.08 | 4 (2%) 53 36 | 57, 64, 81, 88 | 0 |
| 51 | M5 | 203/203 (100%) | 0.20 | 5 (2%) 58 39 | 50, 63, 74, 77 | 0 |
| 51 | m5 | 203/203 (100%) | 0.23 | 4 (1%) 65 46 | 54, 71, 82, 87 | 0 |
| 52 | M6 | 197/197 (100%) | 0.03 | 3 (1%) 72 53 | 50, 58, 77, 81 | 0 |
| 52 | m6 | 197/197 (100%) | -0.00 | 1 (0%) 87 76 | 44, 51, 77, 82 | 0 |
| 53 | M7 | 183/183 (100%) | 0.20 | 13 (7%) 22 16 | 53, 61, 108, 127 | 0 |
| 53 | m7 | 155/183 (84%) | -0.17 | 0 100 100 | 49, 55, 67, 93 | 0 |
| 54 | M8 | 185/185 (100%) | 0.02 | 2 (1%) 78 60 | 51, 62, 78, 93 | 0 |
| 54 | m8 | 185/185 (100%) | 0.11 | 1 (0%) 87 76 | 51, 66, 77, 81 | 0 |
| 55 | M9 | 188/188 (100%) | 0.55 | 10 (5%) 32 21 | 70, 84, 147, 155 | 0 |
| 55 | m9 | 188/188 (100%) | 0.42 | 5 (2%) 56 38 | 63, 76, 134, 143 | 0 |
| 56 | N0 | 172/172 (100%) | 0.22 | 2 (1%) 76 58 | 59, 65, 77, 83 | 0 |
| 56 | n0 | 172/172 (100%) | 0.05 | 2 (1%) 76 58 | 52, 59, 70, 79 | 0 |
| 57 | N1 | 159/159 (100%) | 0.19 | 2 (1%) 75 56 | 51, 65, 104, 111 | 0 |
| 57 | n1 | 159/159 (100%) | 0.06 | 4 (2%) 58 39 | 51, 57, 95, 99 | 0 |
| 58 | N2 | 100/100 (100%) | 0.47 | 2 (2%) 65 46 | 100, 111, 117, 125 | 0 |
| 58 | n2 | 98/100 (98%) | 0.53 | 3 (3%) 51 34 | 88, 98, 103, 106 | 0 |
| 59 | N3 | 136/136 (100%) | 0.35 | 4 (2%) 53 36 | 57, 67, 77, 83 | 0 |
| 59 | n3 | 136/136 (100%) | 0.12 | 2 (1%) 72 53 | 45, 55, 65, 70 | 0 |
| 60 | N4 | 98/98 (100%) | 1.22 | 17 (17%) 4 4 | 66, 78, 138, 139 | 0 |
| 61 | N5 | 121/121 (100%) | 0.19 | 1 (0%) 82 68 | 63, 75, 90, 110 | 0 |
| 61 | n5 | 120/121 (99%) | 0.21 | 2 (1%) 69 50 | 66, 79, 95, 105 | 0 |
| 62 | N6 | 126/126 (100%) | 0.20 | 3 (2%) 59 40 | 56, 72, 81, 90 | 0 |
| 62 | n6 | 126/126 (100%) | 0.36 | 4 (3%) 50 34 | 60, 76, 88, 93 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|--------------|-----------------------|-------|
| 63 | N7 | 135/135 (100%) | 0.32 | 2 (1%) 72 53 | 88, 100, 110, 115 | 0 |
| 63 | n7 | 135/135 (100%) | 0.47 | 3 (2%) 62 43 | 93, 104, 116, 122 | 0 |
| 64 | N8 | 148/148 (100%) | 0.02 | 2 (1%) 73 54 | 44, 64, 84, 94 | 0 |
| 64 | n8 | 148/148 (100%) | 0.08 | 3 (2%) 65 46 | 44, 67, 84, 87 | 0 |
| 65 | N9 | 58/58 (100%) | 0.14 | 3 (5%) 33 22 | 48, 70, 103, 114 | 0 |
| 65 | n9 | 58/58 (100%) | 0.09 | 2 (3%) 48 32 | 48, 67, 86, 92 | 0 |
| 66 | O0 | 97/100 (97%) | 0.29 | 4 (4%) 41 27 | 87, 95, 113, 117 | 0 |
| 66 | o0 | 100/100 (100%) | 0.44 | 2 (2%) 65 46 | 84, 95, 111, 117 | 0 |
| 67 | O1 | 109/109 (100%) | 0.11 | 0 100 100 | 67, 79, 99, 105 | 0 |
| 67 | o1 | 109/109 (100%) | 0.14 | 1 (0%) 81 65 | 57, 69, 96, 109 | 0 |
| 68 | O2 | 127/127 (100%) | 0.03 | 3 (2%) 59 40 | 46, 58, 72, 82 | 0 |
| 68 | o2 | 127/127 (100%) | 0.09 | 3 (2%) 59 40 | 46, 62, 75, 82 | 0 |
| 69 | O3 | 106/106 (100%) | 0.01 | 0 100 100 | 49, 57, 77, 86 | 0 |
| 69 | o3 | 106/106 (100%) | 0.02 | 2 (1%) 66 48 | 49, 56, 80, 90 | 0 |
| 70 | O4 | 112/112 (100%) | 0.59 | 8 (7%) 22 16 | 63, 80, 115, 124 | 0 |
| 70 | o4 | 112/112 (100%) | 0.66 | 6 (5%) 31 21 | 62, 82, 116, 121 | 0 |
| 71 | O5 | 119/119 (100%) | 0.59 | 7 (5%) 28 19 | 61, 78, 86, 93 | 0 |
| 71 | o5 | 119/119 (100%) | 0.26 | 1 (0%) 82 68 | 68, 83, 96, 106 | 0 |
| 72 | O6 | 99/99 (100%) | 0.25 | 0 100 100 | 68, 77, 102, 116 | 0 |
| 72 | o6 | 99/99 (100%) | 0.19 | 1 (1%) 79 62 | 76, 85, 101, 114 | 0 |
| 73 | O7 | 87/87 (100%) | 0.32 | 4 (4%) 37 25 | 51, 57, 76, 86 | 0 |
| 73 | o7 | 87/87 (100%) | 0.11 | 2 (2%) 61 41 | 49, 58, 85, 99 | 0 |
| 74 | O8 | 77/77 (100%) | 0.38 | 2 (2%) 57 38 | 89, 100, 114, 117 | 0 |
| 74 | o8 | 77/77 (100%) | 0.42 | 1 (1%) 75 56 | 88, 99, 108, 110 | 0 |
| 75 | O9 | 50/50 (100%) | 0.46 | 3 (6%) 27 19 | 60, 64, 69, 69 | 0 |
| 75 | o9 | 50/50 (100%) | 0.25 | 4 (8%) 18 14 | 59, 65, 72, 74 | 0 |
| 76 | Q0 | 52/52 (100%) | 0.29 | 1 (1%) 66 48 | 62, 67, 82, 91 | 0 |
| 76 | q0 | 52/52 (100%) | -0.27 | 0 100 100 | 50, 54, 65, 68 | 0 |
| 77 | Q1 | 25/25 (100%) | 0.01 | 0 100 100 | 69, 74, 78, 79 | 0 |
| 77 | q1 | 25/25 (100%) | 0.05 | 0 100 100 | 62, 63, 65, 66 | 0 |
| 78 | Q2 | 105/105 (100%) | -0.05 | 1 (0%) 79 62 | 54, 67, 86, 109 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-------------------|--------|-----------------|-----------------------|--------|
| 78 | q2 | 105/105 (100%) | -0.11 | 1 (0%) 79 62 | 54, 66, 80, 100 | 0 |
| 79 | Q3 | 91/91 (100%) | 0.31 | 4 (4%) 39 25 | 58, 71, 85, 91 | 0 |
| 79 | q3 | 91/91 (100%) | 0.16 | 1 (1%) 78 60 | 54, 69, 81, 89 | 0 |
| 80 | c0 | 79/96 (82%) | 0.81 | 6 (7%) 20 15 | 108, 133, 143, 145 | 0 |
| 81 | c2 | 109/124 (87%) | 1.08 | 18 (16%) 4 4 | 173, 185, 191, 194 | 0 |
| 82 | c5 | 135/142 (95%) | 0.61 | 7 (5%) 33 22 | 84, 110, 123, 125 | 0 |
| 83 | sR | 318/318 (100%) | 0.48 | 6 (1%) 66 48 | 117, 131, 143, 156 | 0 |
| 84 | sM | 63/104 (60%) | 0.45 | 6 (9%) 14 11 | 61, 111, 117, 122 | 0 |
| 85 | l8 | 225/231 (97%) | 0.64 | 7 (3%) 51 34 | 83, 95, 118, 123 | 0 |
| 86 | m2 | 0/150 | - | - | - | - |
| 87 | n4 | 135/135 (100%) | 0.76 | 14 (10%) 11 9 | 54, 97, 121, 135 | 0 |
| 88 | p0 | 120/219 (54%) | 0.48 | 3 (2%) 58 39 | 103, 120, 135, 142 | 0 |
| 89 | p1 | 0/47 | - | - | - | - |
| 89 | p2 | 0/47 | - | - | - | - |
| 90 | A | 2/3 (66%) | 1.15 | 0 100 100 | 106, 106, 106, 107 | 0 |
| 90 | a | 2/3 (66%) | 1.30 | 0 100 100 | 100, 100, 100, 102 | 0 |
| All | All | 32948/34108 (96%) | 0.19 | 1052 (3%) 50 34 | 37, 82, 136, 228 | 2 (0%) |

The worst 5 of 1052 RSRZ outliers are listed below:

| Mol | Chain | Res | Type | RSRZ |
|-----|-------|-----|------|------|
| 60 | N4 | 86 | SER | 11.9 |
| 13 | c1 | 3 | THR | 10.3 |
| 60 | N4 | 88 | ASP | 7.1 |
| 60 | N4 | 89 | LEU | 6.3 |
| 28 | D6 | 2 | PRO | 6.3 |

6.2 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 |
|-----|------|-------|-----|-------|------|------|----------------------------|-------|
| 90 | PPU | A | 76 | 37/38 | 0.85 | 0.21 | 47,88,147,147 | 0 |
| 90 | PPU | a | 76 | 37/38 | 0.89 | 0.20 | 44,80,139,139 | 0 |

6.3 Carbohydrates ⓘ

There are no oligosaccharides in this entry.

6.4 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 |
|-----|------|-------|------|-------|-------|------|----------------------------|-------|
| 91 | MG | 6 | 2139 | 1/1 | -0.36 | 0.35 | 212,212,212,212 | 0 |
| 91 | MG | 2 | 2005 | 1/1 | -0.35 | 0.33 | 131,131,131,131 | 0 |
| 91 | MG | 2 | 2038 | 1/1 | -0.23 | 0.29 | 134,134,134,134 | 0 |
| 91 | MG | 5 | 3767 | 1/1 | -0.21 | 0.41 | 142,142,142,142 | 0 |
| 91 | MG | 2 | 1958 | 1/1 | -0.17 | 0.35 | 133,133,133,133 | 0 |
| 91 | MG | 1 | 3894 | 1/1 | -0.11 | 0.20 | 135,135,135,135 | 0 |
| 91 | MG | 1 | 4014 | 1/1 | -0.03 | 0.41 | 83,83,83,83 | 1 |
| 91 | MG | 2 | 2055 | 1/1 | -0.00 | 0.29 | 123,123,123,123 | 0 |
| 91 | MG | M3 | 204 | 1/1 | 0.00 | 0.38 | 114,114,114,114 | 0 |
| 92 | OHX | 8 | 237 | 7/7 | 0.10 | 0.41 | 102,102,102,102 | 7 |
| 91 | MG | 6 | 2068 | 1/1 | 0.12 | 0.40 | 125,125,125,125 | 0 |
| 92 | OHX | 5 | 4520 | 7/7 | 0.15 | 0.41 | 97,97,97,97 | 7 |
| 91 | MG | 6 | 2087 | 1/1 | 0.16 | 0.31 | 132,132,132,132 | 0 |
| 91 | MG | 1 | 4051 | 1/1 | 0.22 | 0.29 | 127,127,127,127 | 0 |
| 91 | MG | 1 | 3936 | 1/1 | 0.23 | 0.20 | 192,192,192,192 | 0 |
| 91 | MG | 1 | 4082 | 1/1 | 0.23 | 0.46 | 64,64,64,64 | 1 |
| 91 | MG | 2 | 1948 | 1/1 | 0.23 | 0.26 | 143,143,143,143 | 0 |
| 91 | MG | 2 | 2057 | 1/1 | 0.25 | 0.38 | 113,113,113,113 | 0 |
| 91 | MG | 6 | 2111 | 1/1 | 0.25 | 0.42 | 115,115,115,115 | 0 |
| 91 | MG | E1 | 502 | 1/1 | 0.29 | 0.43 | 137,137,137,137 | 0 |
| 92 | OHX | 2 | 2231 | 7/7 | 0.29 | 0.38 | 95,95,95,95 | 7 |
| 91 | MG | 1 | 4092 | 1/1 | 0.31 | 0.17 | 105,105,105,105 | 0 |
| 91 | MG | 5 | 4093 | 1/1 | 0.34 | 0.59 | 76,76,76,76 | 1 |
| 91 | MG | 1 | 3671 | 1/1 | 0.37 | 0.35 | 112,112,112,112 | 0 |
| 91 | MG | 2 | 2012 | 1/1 | 0.38 | 0.34 | 116,116,116,116 | 0 |
| 91 | MG | 1 | 4066 | 1/1 | 0.40 | 0.13 | 93,93,93,93 | 0 |
| 91 | MG | 2 | 2050 | 1/1 | 0.40 | 0.17 | 100,100,100,100 | 0 |
| 91 | MG | 5 | 4145 | 1/1 | 0.40 | 0.19 | 120,120,120,120 | 0 |
| 91 | MG | 6 | 1945 | 1/1 | 0.41 | 0.46 | 103,103,103,103 | 0 |
| 92 | OHX | 6 | 2305 | 7/7 | 0.41 | 0.39 | 83,83,83,83 | 7 |
| 92 | OHX | 5 | 4469 | 7/7 | 0.42 | 0.38 | 88,88,88,88 | 7 |
| 91 | MG | 5 | 3717 | 1/1 | 0.42 | 0.21 | 95,95,95,95 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3670 | 1/1 | 0.42 | 0.14 | 71,71,71,71 | 1 |
| 91 | MG | 2 | 1981 | 1/1 | 0.43 | 0.35 | 119,119,119,119 | 0 |
| 91 | MG | 2 | 1999 | 1/1 | 0.44 | 0.34 | 115,115,115,115 | 0 |
| 92 | OHX | 1 | 4425 | 7/7 | 0.44 | 0.32 | 94,94,94,94 | 7 |
| 91 | MG | 1 | 3487 | 1/1 | 0.45 | 0.26 | 110,110,110,110 | 0 |
| 91 | MG | 5 | 3469 | 1/1 | 0.45 | 0.22 | 117,117,117,117 | 0 |
| 92 | OHX | 5 | 4549 | 7/7 | 0.46 | 0.38 | 85,85,85,85 | 7 |
| 91 | MG | 1 | 3640 | 1/1 | 0.47 | 0.36 | 107,107,107,107 | 0 |
| 92 | OHX | 5 | 4562 | 7/7 | 0.47 | 0.54 | 68,68,68,68 | 7 |
| 91 | MG | 6 | 1971 | 1/1 | 0.47 | 0.36 | 101,101,101,101 | 0 |
| 91 | MG | 1 | 4075 | 1/1 | 0.48 | 0.28 | 110,110,110,110 | 0 |
| 91 | MG | 2 | 1976 | 1/1 | 0.48 | 0.17 | 101,101,101,101 | 0 |
| 91 | MG | 6 | 1999 | 1/1 | 0.48 | 0.24 | 108,108,108,108 | 0 |
| 91 | MG | 1 | 3814 | 1/1 | 0.48 | 0.15 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3955 | 1/1 | 0.48 | 0.28 | 105,105,105,105 | 0 |
| 91 | MG | 1 | 3960 | 1/1 | 0.49 | 0.15 | 97,97,97,97 | 0 |
| 92 | OHX | M0 | 307 | 7/7 | 0.49 | 0.41 | 108,108,108,108 | 7 |
| 91 | MG | 6 | 1972 | 1/1 | 0.49 | 0.26 | 73,73,73,73 | 0 |
| 91 | MG | 5 | 3972 | 1/1 | 0.49 | 0.25 | 133,133,133,133 | 0 |
| 93 | ZN | d7 | 101 | 1/1 | 0.49 | 0.21 | 154,154,154,154 | 0 |
| 91 | MG | 2 | 2063 | 1/1 | 0.50 | 0.25 | 95,95,95,95 | 0 |
| 91 | MG | 6 | 2045 | 1/1 | 0.50 | 0.22 | 91,91,91,91 | 0 |
| 92 | OHX | 2 | 2238 | 7/7 | 0.50 | 0.25 | 107,107,107,107 | 7 |
| 91 | MG | 5 | 3745 | 1/1 | 0.50 | 0.13 | 95,95,95,95 | 0 |
| 91 | MG | 6 | 1992 | 1/1 | 0.51 | 0.29 | 106,106,106,106 | 0 |
| 91 | MG | 6 | 1910 | 1/1 | 0.51 | 0.30 | 114,114,114,114 | 0 |
| 92 | OHX | O1 | 202 | 7/7 | 0.51 | 0.27 | 89,89,89,89 | 7 |
| 92 | OHX | 5 | 4540 | 7/7 | 0.51 | 0.25 | 101,101,101,101 | 7 |
| 91 | MG | 6 | 2001 | 1/1 | 0.52 | 0.21 | 90,90,90,90 | 0 |
| 91 | MG | 2 | 1915 | 1/1 | 0.52 | 0.36 | 87,87,87,87 | 0 |
| 92 | OHX | 1 | 4434 | 7/7 | 0.52 | 0.34 | 84,84,84,84 | 7 |
| 91 | MG | 2 | 1966 | 1/1 | 0.52 | 0.39 | 100,100,100,100 | 0 |
| 91 | MG | 2 | 1967 | 1/1 | 0.52 | 0.37 | 103,103,103,103 | 0 |
| 91 | MG | 6 | 2108 | 1/1 | 0.52 | 0.25 | 125,125,125,125 | 0 |
| 92 | OHX | 5 | 4461 | 7/7 | 0.52 | 0.91 | 53,53,53,53 | 7 |
| 91 | MG | 2 | 1929 | 1/1 | 0.53 | 0.42 | 103,103,103,103 | 0 |
| 91 | MG | 2 | 1927 | 1/1 | 0.53 | 0.17 | 89,89,89,89 | 0 |
| 92 | OHX | 2 | 2239 | 7/7 | 0.53 | 0.34 | 106,106,106,106 | 7 |
| 91 | MG | 1 | 3906 | 1/1 | 0.53 | 0.14 | 119,119,119,119 | 0 |
| 92 | OHX | 6 | 2328 | 7/7 | 0.54 | 0.37 | 85,85,85,85 | 7 |
| 91 | MG | 6 | 2118 | 1/1 | 0.54 | 0.25 | 96,96,96,96 | 0 |
| 91 | MG | 6 | 2077 | 1/1 | 0.54 | 0.23 | 111,111,111,111 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4513 | 7/7 | 0.54 | 0.49 | 72,72,72,72 | 7 |
| 91 | MG | d5 | 201 | 1/1 | 0.54 | 0.23 | 106,106,106,106 | 0 |
| 91 | MG | 1 | 3447 | 1/1 | 0.55 | 0.33 | 108,108,108,108 | 0 |
| 92 | OHX | 6 | 2326 | 7/7 | 0.55 | 0.14 | 148,148,148,148 | 7 |
| 91 | MG | 5 | 3898 | 1/1 | 0.55 | 0.11 | 93,93,93,93 | 1 |
| 92 | OHX | 6 | 2330 | 7/7 | 0.55 | 0.35 | 93,93,93,93 | 7 |
| 92 | OHX | 5 | 4536 | 7/7 | 0.55 | 0.59 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4548 | 7/7 | 0.56 | 0.69 | 58,58,58,58 | 7 |
| 91 | MG | 6 | 1985 | 1/1 | 0.56 | 0.22 | 90,90,90,90 | 0 |
| 91 | MG | 1 | 4094 | 1/1 | 0.56 | 0.35 | 49,49,49,49 | 1 |
| 92 | OHX | 5 | 4537 | 7/7 | 0.56 | 0.66 | 56,56,56,56 | 7 |
| 92 | OHX | 1 | 4493 | 7/7 | 0.56 | 0.33 | 75,75,75,75 | 7 |
| 91 | MG | c6 | 201 | 1/1 | 0.57 | 0.29 | 114,114,114,114 | 0 |
| 91 | MG | 2 | 2068 | 1/1 | 0.57 | 0.26 | 105,105,105,105 | 0 |
| 91 | MG | d9 | 103 | 1/1 | 0.57 | 0.33 | 118,118,118,118 | 0 |
| 91 | MG | 5 | 3911 | 1/1 | 0.57 | 0.36 | 60,60,60,60 | 1 |
| 92 | OHX | 1 | 4421 | 7/7 | 0.57 | 0.22 | 106,106,106,106 | 7 |
| 91 | MG | 1 | 3720 | 1/1 | 0.57 | 0.11 | 93,93,93,93 | 0 |
| 91 | MG | 5 | 4065 | 1/1 | 0.57 | 0.27 | 104,104,104,104 | 0 |
| 92 | OHX | 1 | 4485 | 7/7 | 0.57 | 0.30 | 88,88,88,88 | 7 |
| 92 | OHX | m1 | 203 | 7/7 | 0.57 | 0.33 | 92,92,92,92 | 7 |
| 91 | MG | 1 | 3770 | 1/1 | 0.57 | 0.22 | 76,76,76,76 | 0 |
| 92 | OHX | 1 | 4385 | 7/7 | 0.58 | 0.51 | 68,68,68,68 | 7 |
| 92 | OHX | 6 | 2322 | 7/7 | 0.58 | 0.28 | 107,107,107,107 | 7 |
| 92 | OHX | 6 | 2323 | 7/7 | 0.58 | 0.59 | 71,71,71,71 | 7 |
| 91 | MG | 2 | 1934 | 1/1 | 0.58 | 0.27 | 89,89,89,89 | 0 |
| 92 | OHX | 5 | 4533 | 7/7 | 0.58 | 0.42 | 66,66,66,66 | 7 |
| 91 | MG | 6 | 2000 | 1/1 | 0.58 | 0.41 | 99,99,99,99 | 0 |
| 91 | MG | l3 | 404 | 1/1 | 0.58 | 0.75 | 48,48,48,48 | 1 |
| 92 | OHX | 3 | 228 | 7/7 | 0.59 | 0.40 | 93,93,93,93 | 7 |
| 92 | OHX | 5 | 4495 | 7/7 | 0.59 | 0.68 | 51,51,51,51 | 7 |
| 91 | MG | c6 | 202 | 1/1 | 0.59 | 0.38 | 110,110,110,110 | 0 |
| 91 | MG | 6 | 1932 | 1/1 | 0.59 | 0.14 | 78,78,78,78 | 0 |
| 91 | MG | 2 | 1997 | 1/1 | 0.59 | 0.35 | 97,97,97,97 | 0 |
| 92 | OHX | 6 | 2336 | 7/7 | 0.59 | 0.32 | 94,94,94,94 | 7 |
| 91 | MG | 5 | 3437 | 1/1 | 0.59 | 0.33 | 93,93,93,93 | 0 |
| 92 | OHX | 2 | 2197 | 7/7 | 0.60 | 0.30 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3822 | 1/1 | 0.60 | 0.53 | 70,70,70,70 | 1 |
| 91 | MG | 5 | 4138 | 1/1 | 0.60 | 0.31 | 98,98,98,98 | 0 |
| 91 | MG | 2 | 1980 | 1/1 | 0.60 | 0.09 | 104,104,104,104 | 1 |
| 91 | MG | 1 | 3764 | 1/1 | 0.60 | 0.16 | 106,106,106,106 | 0 |
| 92 | OHX | 6 | 2301 | 7/7 | 0.61 | 0.54 | 68,68,68,68 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 2 | 2052 | 1/1 | 0.61 | 0.25 | 88,88,88,88 | 1 |
| 91 | MG | 5 | 3720 | 1/1 | 0.61 | 0.25 | 116,116,116,116 | 0 |
| 91 | MG | 2 | 1971 | 1/1 | 0.61 | 0.31 | 76,76,76,76 | 0 |
| 91 | MG | 6 | 1957 | 1/1 | 0.61 | 0.29 | 89,89,89,89 | 0 |
| 92 | OHX | 1 | 4464 | 7/7 | 0.61 | 0.36 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3880 | 1/1 | 0.61 | 0.31 | 115,115,115,115 | 0 |
| 91 | MG | 1 | 3621 | 1/1 | 0.61 | 0.41 | 77,77,77,77 | 0 |
| 92 | OHX | 5 | 4437 | 7/7 | 0.61 | 0.67 | 49,49,49,49 | 7 |
| 92 | OHX | 7 | 239 | 7/7 | 0.61 | 0.62 | 75,75,75,75 | 7 |
| 91 | MG | 1 | 4076 | 1/1 | 0.61 | 0.25 | 55,55,55,55 | 1 |
| 91 | MG | 5 | 3652 | 1/1 | 0.61 | 0.47 | 108,108,108,108 | 0 |
| 92 | OHX | 1 | 4375 | 7/7 | 0.61 | 0.36 | 91,91,91,91 | 7 |
| 91 | MG | 5 | 3914 | 1/1 | 0.62 | 0.19 | 121,121,121,121 | 0 |
| 91 | MG | 6 | 1908 | 1/1 | 0.62 | 0.27 | 88,88,88,88 | 0 |
| 92 | OHX | 3 | 231 | 7/7 | 0.62 | 0.24 | 94,94,94,94 | 7 |
| 91 | MG | 2 | 1975 | 1/1 | 0.62 | 0.28 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4429 | 7/7 | 0.62 | 0.71 | 66,66,66,66 | 7 |
| 91 | MG | 3 | 201 | 1/1 | 0.62 | 0.24 | 92,92,92,92 | 0 |
| 91 | MG | 5 | 3655 | 1/1 | 0.62 | 0.33 | 99,99,99,99 | 0 |
| 92 | OHX | 6 | 2318 | 7/7 | 0.62 | 0.32 | 99,99,99,99 | 7 |
| 92 | OHX | 5 | 4498 | 7/7 | 0.62 | 0.46 | 74,74,74,74 | 7 |
| 92 | OHX | 1 | 4466 | 7/7 | 0.62 | 0.28 | 93,93,93,93 | 7 |
| 92 | OHX | m4 | 202 | 7/7 | 0.62 | 0.27 | 104,104,104,104 | 7 |
| 91 | MG | 2 | 1990 | 1/1 | 0.62 | 0.29 | 98,98,98,98 | 0 |
| 92 | OHX | 6 | 2314 | 7/7 | 0.63 | 0.31 | 84,84,84,84 | 7 |
| 91 | MG | 2 | 2019 | 1/1 | 0.63 | 0.32 | 115,115,115,115 | 0 |
| 91 | MG | 3 | 215 | 1/1 | 0.63 | 0.27 | 90,90,90,90 | 0 |
| 91 | MG | 4 | 221 | 1/1 | 0.63 | 0.26 | 103,103,103,103 | 0 |
| 91 | MG | 5 | 3925 | 1/1 | 0.63 | 0.10 | 113,113,113,113 | 0 |
| 91 | MG | 5 | 3957 | 1/1 | 0.63 | 0.17 | 88,88,88,88 | 0 |
| 91 | MG | 5 | 3966 | 1/1 | 0.63 | 0.25 | 51,51,51,51 | 1 |
| 91 | MG | 2 | 1953 | 1/1 | 0.63 | 0.27 | 97,97,97,97 | 0 |
| 91 | MG | 6 | 2039 | 1/1 | 0.63 | 0.30 | 100,100,100,100 | 0 |
| 91 | MG | 1 | 3942 | 1/1 | 0.64 | 0.13 | 74,74,74,74 | 1 |
| 92 | OHX | 5 | 4521 | 7/7 | 0.64 | 0.26 | 104,104,104,104 | 7 |
| 92 | OHX | 1 | 4477 | 7/7 | 0.64 | 0.39 | 75,75,75,75 | 7 |
| 91 | MG | 6 | 2140 | 1/1 | 0.64 | 0.15 | 74,74,74,74 | 0 |
| 91 | MG | 5 | 3832 | 1/1 | 0.64 | 0.27 | 64,64,64,64 | 0 |
| 91 | MG | 6 | 1966 | 1/1 | 0.64 | 0.34 | 95,95,95,95 | 0 |
| 91 | MG | 5 | 3904 | 1/1 | 0.64 | 0.17 | 72,72,72,72 | 1 |
| 91 | MG | O4 | 201 | 1/1 | 0.64 | 0.25 | 83,83,83,83 | 0 |
| 91 | MG | M0 | 301 | 1/1 | 0.64 | 0.23 | 70,70,70,70 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 6 | 2074 | 1/1 | 0.64 | 0.28 | 98,98,98,98 | 0 |
| 92 | OHX | 5 | 4490 | 7/7 | 0.64 | 0.42 | 71,71,71,71 | 7 |
| 92 | OHX | 1 | 4430 | 7/7 | 0.64 | 0.31 | 85,85,85,85 | 7 |
| 91 | MG | p0 | 301 | 1/1 | 0.64 | 0.26 | 105,105,105,105 | 0 |
| 91 | MG | 5 | 3931 | 1/1 | 0.64 | 0.26 | 55,55,55,55 | 1 |
| 91 | MG | 2 | 1972 | 1/1 | 0.65 | 0.41 | 93,93,93,93 | 0 |
| 92 | OHX | 1 | 4452 | 7/7 | 0.65 | 0.35 | 83,83,83,83 | 7 |
| 91 | MG | 2 | 1998 | 1/1 | 0.65 | 0.21 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 3406 | 1/1 | 0.65 | 0.32 | 113,113,113,113 | 0 |
| 91 | MG | 2 | 1987 | 1/1 | 0.65 | 0.25 | 98,98,98,98 | 0 |
| 91 | MG | 2 | 2060 | 1/1 | 0.65 | 0.12 | 138,138,138,138 | 0 |
| 91 | MG | 6 | 1974 | 1/1 | 0.65 | 0.32 | 91,91,91,91 | 0 |
| 91 | MG | 1 | 4071 | 1/1 | 0.65 | 0.14 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3916 | 1/1 | 0.65 | 0.21 | 89,89,89,89 | 0 |
| 92 | OHX | 5 | 4563 | 7/7 | 0.65 | 0.14 | 174,174,174,174 | 7 |
| 91 | MG | 1 | 3930 | 1/1 | 0.65 | 0.29 | 79,79,79,79 | 0 |
| 91 | MG | 5 | 4037 | 1/1 | 0.65 | 0.23 | 109,109,109,109 | 0 |
| 91 | MG | 2 | 1911 | 1/1 | 0.65 | 0.33 | 88,88,88,88 | 0 |
| 91 | MG | 1 | 3810 | 1/1 | 0.65 | 0.28 | 85,85,85,85 | 1 |
| 92 | OHX | m9 | 202 | 7/7 | 0.65 | 0.29 | 83,83,83,83 | 7 |
| 91 | MG | 6 | 2034 | 1/1 | 0.65 | 0.29 | 103,103,103,103 | 0 |
| 91 | MG | 6 | 1925 | 1/1 | 0.66 | 0.28 | 88,88,88,88 | 0 |
| 92 | OHX | 1 | 4488 | 7/7 | 0.66 | 0.33 | 102,102,102,102 | 7 |
| 92 | OHX | 5 | 4550 | 7/7 | 0.66 | 0.32 | 96,96,96,96 | 7 |
| 92 | OHX | 2 | 2198 | 7/7 | 0.66 | 0.15 | 125,125,125,125 | 7 |
| 91 | MG | 6 | 2062 | 1/1 | 0.66 | 0.17 | 92,92,92,92 | 1 |
| 91 | MG | S1 | 301 | 1/1 | 0.66 | 0.27 | 113,113,113,113 | 0 |
| 92 | OHX | 8 | 236 | 7/7 | 0.66 | 0.34 | 91,91,91,91 | 7 |
| 91 | MG | 6 | 2133 | 1/1 | 0.66 | 0.12 | 96,96,96,96 | 0 |
| 91 | MG | 4 | 213 | 1/1 | 0.66 | 0.21 | 70,70,70,70 | 0 |
| 92 | OHX | 1 | 4465 | 7/7 | 0.66 | 0.43 | 67,67,67,67 | 7 |
| 91 | MG | 2 | 1944 | 1/1 | 0.66 | 0.29 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 3749 | 1/1 | 0.66 | 0.23 | 79,79,79,79 | 0 |
| 92 | OHX | 2 | 2209 | 7/7 | 0.67 | 0.27 | 96,96,96,96 | 7 |
| 92 | OHX | 5 | 4430 | 7/7 | 0.67 | 0.38 | 89,89,89,89 | 7 |
| 92 | OHX | 5 | 4541 | 7/7 | 0.67 | 0.84 | 54,54,54,54 | 7 |
| 92 | OHX | 6 | 2303 | 7/7 | 0.67 | 0.40 | 88,88,88,88 | 7 |
| 91 | MG | 2 | 1993 | 1/1 | 0.67 | 0.31 | 87,87,87,87 | 0 |
| 92 | OHX | 6 | 2307 | 7/7 | 0.67 | 0.44 | 86,86,86,86 | 7 |
| 92 | OHX | 5 | 4556 | 7/7 | 0.67 | 0.34 | 96,96,96,96 | 7 |
| 92 | OHX | 5 | 4479 | 7/7 | 0.67 | 0.57 | 58,58,58,58 | 7 |
| 91 | MG | 2 | 2032 | 1/1 | 0.67 | 0.34 | 94,94,94,94 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 2 | 1959 | 1/1 | 0.67 | 0.22 | 106,106,106,106 | 0 |
| 92 | OHX | 6 | 2319 | 7/7 | 0.67 | 0.28 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3766 | 1/1 | 0.67 | 0.17 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 3768 | 1/1 | 0.67 | 0.30 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4417 | 7/7 | 0.67 | 0.14 | 143,143,143,143 | 7 |
| 91 | MG | 1 | 3512 | 1/1 | 0.67 | 0.32 | 61,61,61,61 | 0 |
| 92 | OHX | 6 | 2243 | 7/7 | 0.67 | 0.35 | 80,80,80,80 | 7 |
| 91 | MG | 2 | 2037 | 1/1 | 0.68 | 0.20 | 98,98,98,98 | 0 |
| 92 | OHX | 6 | 2338 | 7/7 | 0.68 | 0.38 | 89,89,89,89 | 7 |
| 92 | OHX | 1 | 4450 | 7/7 | 0.68 | 0.18 | 130,130,130,130 | 7 |
| 91 | MG | 3 | 211 | 1/1 | 0.68 | 0.17 | 80,80,80,80 | 0 |
| 91 | MG | 5 | 3899 | 1/1 | 0.68 | 0.14 | 117,117,117,117 | 0 |
| 91 | MG | 2 | 1996 | 1/1 | 0.68 | 0.18 | 95,95,95,95 | 0 |
| 91 | MG | 6 | 1930 | 1/1 | 0.68 | 0.12 | 94,94,94,94 | 0 |
| 91 | MG | 5 | 3724 | 1/1 | 0.68 | 0.29 | 49,49,49,49 | 1 |
| 91 | MG | N3 | 203 | 1/1 | 0.68 | 0.23 | 80,80,80,80 | 0 |
| 91 | MG | 8 | 214 | 1/1 | 0.68 | 0.28 | 101,101,101,101 | 0 |
| 91 | MG | 1 | 3408 | 1/1 | 0.68 | 0.18 | 61,61,61,61 | 0 |
| 91 | MG | m6 | 204 | 1/1 | 0.68 | 0.20 | 55,55,55,55 | 1 |
| 91 | MG | 5 | 3941 | 1/1 | 0.68 | 0.24 | 86,86,86,86 | 0 |
| 91 | MG | 5 | 3472 | 1/1 | 0.68 | 0.20 | 123,123,123,123 | 0 |
| 92 | OHX | 5 | 4534 | 7/7 | 0.68 | 0.32 | 72,72,72,72 | 7 |
| 92 | OHX | N8 | 208 | 7/7 | 0.68 | 0.21 | 112,112,112,112 | 7 |
| 92 | OHX | 6 | 2253 | 7/7 | 0.69 | 0.25 | 99,99,99,99 | 7 |
| 92 | OHX | 2 | 2202 | 7/7 | 0.69 | 0.26 | 100,100,100,100 | 7 |
| 91 | MG | 1 | 4069 | 1/1 | 0.69 | 0.11 | 61,61,61,61 | 1 |
| 91 | MG | 1 | 3411 | 1/1 | 0.69 | 0.30 | 63,63,63,63 | 0 |
| 91 | MG | 2 | 1912 | 1/1 | 0.69 | 0.30 | 95,95,95,95 | 0 |
| 91 | MG | 2 | 1955 | 1/1 | 0.69 | 0.45 | 103,103,103,103 | 0 |
| 91 | MG | 2 | 1942 | 1/1 | 0.69 | 0.23 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 4084 | 1/1 | 0.69 | 0.11 | 73,73,73,73 | 0 |
| 91 | MG | c8 | 203 | 1/1 | 0.69 | 0.13 | 113,113,113,113 | 0 |
| 91 | MG | 1 | 3729 | 1/1 | 0.69 | 0.30 | 58,58,58,58 | 1 |
| 91 | MG | M9 | 201 | 1/1 | 0.69 | 0.10 | 79,79,79,79 | 0 |
| 92 | OHX | 8 | 238 | 7/7 | 0.69 | 0.28 | 85,85,85,85 | 7 |
| 92 | OHX | m0 | 303 | 7/7 | 0.69 | 0.62 | 61,61,61,61 | 7 |
| 91 | MG | n6 | 201 | 1/1 | 0.69 | 0.28 | 72,72,72,72 | 0 |
| 91 | MG | 2 | 1984 | 1/1 | 0.69 | 0.13 | 97,97,97,97 | 0 |
| 91 | MG | 5 | 3819 | 1/1 | 0.69 | 0.32 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3971 | 1/1 | 0.69 | 0.15 | 65,65,65,65 | 0 |
| 92 | OHX | 1 | 4418 | 7/7 | 0.70 | 0.56 | 53,53,53,53 | 7 |
| 91 | MG | 1 | 4021 | 1/1 | 0.70 | 0.63 | 62,62,62,62 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3452 | 1/1 | 0.70 | 0.24 | 52,52,52,52 | 0 |
| 91 | MG | 1 | 3776 | 1/1 | 0.70 | 0.16 | 83,83,83,83 | 0 |
| 91 | MG | 1 | 3943 | 1/1 | 0.70 | 0.25 | 86,86,86,86 | 0 |
| 91 | MG | 1 | 3844 | 1/1 | 0.70 | 0.13 | 91,91,91,91 | 0 |
| 91 | MG | 5 | 4044 | 1/1 | 0.70 | 0.15 | 85,85,85,85 | 0 |
| 91 | MG | 1 | 3603 | 1/1 | 0.70 | 0.44 | 69,69,69,69 | 0 |
| 92 | OHX | 5 | 4475 | 7/7 | 0.70 | 0.30 | 79,79,79,79 | 7 |
| 92 | OHX | 1 | 4455 | 7/7 | 0.70 | 0.55 | 69,69,69,69 | 7 |
| 92 | OHX | 5 | 4565 | 7/7 | 0.70 | 0.41 | 77,77,77,77 | 7 |
| 92 | OHX | 1 | 4463 | 7/7 | 0.70 | 0.34 | 77,77,77,77 | 7 |
| 91 | MG | 6 | 1934 | 1/1 | 0.70 | 0.29 | 88,88,88,88 | 0 |
| 91 | MG | 5 | 4099 | 1/1 | 0.70 | 0.24 | 86,86,86,86 | 0 |
| 91 | MG | 6 | 1941 | 1/1 | 0.70 | 0.36 | 84,84,84,84 | 0 |
| 92 | OHX | 14 | 405 | 7/7 | 0.70 | 0.40 | 73,73,73,73 | 7 |
| 91 | MG | 6 | 2083 | 1/1 | 0.70 | 0.12 | 98,98,98,98 | 0 |
| 91 | MG | 1 | 3973 | 1/1 | 0.70 | 0.24 | 82,82,82,82 | 0 |
| 92 | OHX | 5 | 4524 | 7/7 | 0.70 | 0.12 | 154,154,154,154 | 7 |
| 92 | OHX | 1 | 4394 | 7/7 | 0.70 | 0.45 | 72,72,72,72 | 7 |
| 91 | MG | 1 | 3655 | 1/1 | 0.70 | 0.22 | 71,71,71,71 | 0 |
| 91 | MG | 3 | 208 | 1/1 | 0.71 | 0.40 | 64,64,64,64 | 1 |
| 91 | MG | 1 | 3922 | 1/1 | 0.71 | 0.28 | 58,58,58,58 | 0 |
| 92 | OHX | 6 | 2334 | 7/7 | 0.71 | 0.25 | 105,105,105,105 | 7 |
| 91 | MG | Q2 | 502 | 1/1 | 0.71 | 0.21 | 80,80,80,80 | 0 |
| 91 | MG | 6 | 2100 | 1/1 | 0.71 | 0.11 | 78,78,78,78 | 0 |
| 92 | OHX | 5 | 3401 | 7/7 | 0.71 | 0.13 | 170,170,170,170 | 7 |
| 92 | OHX | 5 | 4543 | 7/7 | 0.71 | 0.42 | 63,63,63,63 | 7 |
| 92 | OHX | 5 | 4324 | 7/7 | 0.71 | 0.43 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4397 | 7/7 | 0.71 | 0.29 | 88,88,88,88 | 7 |
| 92 | OHX | 5 | 4413 | 7/7 | 0.71 | 0.38 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4437 | 7/7 | 0.71 | 0.28 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3444 | 1/1 | 0.71 | 0.38 | 75,75,75,75 | 0 |
| 91 | MG | 5 | 4135 | 1/1 | 0.71 | 0.30 | 82,82,82,82 | 1 |
| 91 | MG | 2 | 1909 | 1/1 | 0.71 | 0.31 | 88,88,88,88 | 0 |
| 92 | OHX | 2 | 2246 | 7/7 | 0.71 | 0.21 | 116,116,116,116 | 7 |
| 91 | MG | 1 | 3782 | 1/1 | 0.71 | 0.28 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3948 | 1/1 | 0.71 | 0.30 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 3797 | 1/1 | 0.71 | 0.21 | 81,81,81,81 | 1 |
| 91 | MG | 5 | 3827 | 1/1 | 0.71 | 0.31 | 51,51,51,51 | 0 |
| 92 | OHX | 5 | 4509 | 7/7 | 0.71 | 0.21 | 101,101,101,101 | 7 |
| 91 | MG | 1 | 3483 | 1/1 | 0.71 | 0.40 | 82,82,82,82 | 0 |
| 92 | OHX | 1 | 4419 | 7/7 | 0.71 | 0.39 | 71,71,71,71 | 7 |
| 91 | MG | 2 | 2065 | 1/1 | 0.71 | 0.14 | 136,136,136,136 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 3 | 227 | 7/7 | 0.71 | 0.34 | 89,89,89,89 | 7 |
| 91 | MG | 2 | 1957 | 1/1 | 0.72 | 0.17 | 110,110,110,110 | 0 |
| 92 | OHX | 5 | 4489 | 7/7 | 0.72 | 0.23 | 86,86,86,86 | 7 |
| 91 | MG | O2 | 201 | 1/1 | 0.72 | 0.28 | 60,60,60,60 | 1 |
| 92 | OHX | 1 | 4396 | 7/7 | 0.72 | 0.41 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4415 | 7/7 | 0.72 | 0.29 | 83,83,83,83 | 7 |
| 91 | MG | 5 | 4105 | 1/1 | 0.72 | 0.10 | 94,94,94,94 | 0 |
| 92 | OHX | 5 | 4512 | 7/7 | 0.72 | 0.32 | 75,75,75,75 | 7 |
| 91 | MG | 1 | 3762 | 1/1 | 0.72 | 0.14 | 89,89,89,89 | 0 |
| 92 | OHX | 6 | 2284 | 7/7 | 0.72 | 0.29 | 94,94,94,94 | 7 |
| 91 | MG | 6 | 1970 | 1/1 | 0.72 | 0.13 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3642 | 1/1 | 0.72 | 0.28 | 57,57,57,57 | 0 |
| 92 | OHX | 5 | 4528 | 7/7 | 0.72 | 0.76 | 51,51,51,51 | 7 |
| 92 | OHX | 1 | 4423 | 7/7 | 0.72 | 0.78 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 3907 | 1/1 | 0.72 | 0.14 | 83,83,83,83 | 0 |
| 92 | OHX | 1 | 4427 | 7/7 | 0.72 | 0.64 | 54,54,54,54 | 7 |
| 91 | MG | 2 | 1983 | 1/1 | 0.72 | 0.22 | 102,102,102,102 | 0 |
| 91 | MG | 2 | 1926 | 1/1 | 0.72 | 0.26 | 101,101,101,101 | 0 |
| 91 | MG | 2 | 1950 | 1/1 | 0.72 | 0.23 | 87,87,87,87 | 0 |
| 91 | MG | 5 | 3491 | 1/1 | 0.72 | 0.45 | 92,92,92,92 | 0 |
| 92 | OHX | 1 | 4449 | 7/7 | 0.72 | 0.51 | 62,62,62,62 | 7 |
| 91 | MG | 1 | 3688 | 1/1 | 0.72 | 0.41 | 92,92,92,92 | 0 |
| 91 | MG | 6 | 1931 | 1/1 | 0.72 | 0.31 | 77,77,77,77 | 0 |
| 92 | OHX | 1 | 4453 | 7/7 | 0.72 | 0.53 | 65,65,65,65 | 7 |
| 91 | MG | 6 | 2112 | 1/1 | 0.72 | 0.17 | 96,96,96,96 | 0 |
| 92 | OHX | 2 | 2208 | 7/7 | 0.72 | 0.25 | 106,106,106,106 | 7 |
| 91 | MG | M1 | 300 | 1/1 | 0.72 | 0.11 | 88,88,88,88 | 0 |
| 92 | OHX | 2 | 2224 | 7/7 | 0.72 | 0.11 | 164,164,164,164 | 7 |
| 91 | MG | 2 | 1945 | 1/1 | 0.72 | 0.25 | 88,88,88,88 | 0 |
| 91 | MG | 6 | 2138 | 1/1 | 0.72 | 0.20 | 94,94,94,94 | 0 |
| 91 | MG | 6 | 2003 | 1/1 | 0.72 | 0.27 | 97,97,97,97 | 0 |
| 91 | MG | 2 | 1946 | 1/1 | 0.72 | 0.24 | 87,87,87,87 | 0 |
| 92 | OHX | 19 | 204 | 7/7 | 0.72 | 0.38 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4459 | 7/7 | 0.72 | 0.40 | 86,86,86,86 | 7 |
| 92 | OHX | 1 | 4337 | 7/7 | 0.72 | 0.41 | 71,71,71,71 | 7 |
| 92 | OHX | 5 | 4468 | 7/7 | 0.72 | 0.27 | 82,82,82,82 | 7 |
| 92 | OHX | 1 | 4374 | 7/7 | 0.72 | 0.38 | 77,77,77,77 | 7 |
| 91 | MG | 6 | 1944 | 1/1 | 0.72 | 0.30 | 86,86,86,86 | 0 |
| 91 | MG | 1 | 3993 | 1/1 | 0.73 | 0.22 | 62,62,62,62 | 1 |
| 91 | MG | 1 | 4009 | 1/1 | 0.73 | 0.33 | 72,72,72,72 | 0 |
| 91 | MG | 1 | 3868 | 1/1 | 0.73 | 0.19 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3569 | 1/1 | 0.73 | 0.19 | 68,68,68,68 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4031 | 1/1 | 0.73 | 0.40 | 55,55,55,55 | 1 |
| 92 | OHX | 2 | 2228 | 7/7 | 0.73 | 0.18 | 110,110,110,110 | 7 |
| 91 | MG | 2 | 1978 | 1/1 | 0.73 | 0.26 | 101,101,101,101 | 0 |
| 92 | OHX | 6 | 2267 | 7/7 | 0.73 | 0.26 | 100,100,100,100 | 7 |
| 92 | OHX | 5 | 4460 | 7/7 | 0.73 | 0.25 | 98,98,98,98 | 7 |
| 91 | MG | 2 | 1962 | 1/1 | 0.73 | 0.15 | 100,100,100,100 | 0 |
| 91 | MG | 2 | 2004 | 1/1 | 0.73 | 0.22 | 91,91,91,91 | 0 |
| 91 | MG | 2 | 1939 | 1/1 | 0.73 | 0.30 | 75,75,75,75 | 0 |
| 92 | OHX | 5 | 4473 | 7/7 | 0.73 | 0.41 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3855 | 1/1 | 0.73 | 0.15 | 60,60,60,60 | 0 |
| 91 | MG | M7 | 203 | 1/1 | 0.73 | 0.42 | 76,76,76,76 | 0 |
| 92 | OHX | 1 | 4462 | 7/7 | 0.73 | 0.35 | 66,66,66,66 | 7 |
| 91 | MG | 2 | 1960 | 1/1 | 0.73 | 0.17 | 84,84,84,84 | 0 |
| 91 | MG | 1 | 3666 | 1/1 | 0.73 | 0.40 | 62,62,62,62 | 0 |
| 91 | MG | 2 | 1968 | 1/1 | 0.73 | 0.28 | 78,78,78,78 | 0 |
| 91 | MG | 1 | 3503 | 1/1 | 0.73 | 0.27 | 86,86,86,86 | 0 |
| 92 | OHX | 5 | 4510 | 7/7 | 0.73 | 0.38 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3506 | 1/1 | 0.73 | 0.28 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3543 | 1/1 | 0.73 | 0.36 | 60,60,60,60 | 0 |
| 91 | MG | 6 | 1904 | 1/1 | 0.73 | 0.23 | 96,96,96,96 | 0 |
| 91 | MG | 2 | 2025 | 1/1 | 0.73 | 0.29 | 79,79,79,79 | 0 |
| 92 | OHX | A | 102 | 7/7 | 0.73 | 0.48 | 75,75,75,75 | 7 |
| 91 | MG | 1 | 3539 | 1/1 | 0.73 | 0.37 | 60,60,60,60 | 0 |
| 91 | MG | 2 | 2018 | 1/1 | 0.74 | 0.12 | 84,84,84,84 | 0 |
| 92 | OHX | 1 | 4438 | 7/7 | 0.74 | 0.30 | 81,81,81,81 | 7 |
| 91 | MG | L8 | 301 | 1/1 | 0.74 | 0.15 | 83,83,83,83 | 0 |
| 92 | OHX | 2 | 2217 | 7/7 | 0.74 | 0.24 | 92,92,92,92 | 7 |
| 91 | MG | 1 | 3830 | 1/1 | 0.74 | 0.15 | 85,85,85,85 | 0 |
| 91 | MG | 6 | 1979 | 1/1 | 0.74 | 0.14 | 72,72,72,72 | 0 |
| 91 | MG | 5 | 3747 | 1/1 | 0.74 | 0.20 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3777 | 1/1 | 0.74 | 0.21 | 102,102,102,102 | 0 |
| 91 | MG | 6 | 1907 | 1/1 | 0.74 | 0.31 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3788 | 1/1 | 0.74 | 0.35 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3810 | 1/1 | 0.74 | 0.25 | 68,68,68,68 | 1 |
| 92 | OHX | 1 | 4363 | 7/7 | 0.74 | 0.31 | 87,87,87,87 | 7 |
| 91 | MG | 6 | 1994 | 1/1 | 0.74 | 0.25 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4542 | 7/7 | 0.74 | 0.34 | 81,81,81,81 | 7 |
| 91 | MG | 6 | 1997 | 1/1 | 0.74 | 0.22 | 62,62,62,62 | 1 |
| 91 | MG | S6 | 301 | 1/1 | 0.74 | 0.16 | 106,106,106,106 | 0 |
| 92 | OHX | 1 | 4387 | 7/7 | 0.74 | 0.11 | 218,218,218,218 | 7 |
| 92 | OHX | 1 | 4497 | 7/7 | 0.74 | 0.39 | 67,67,67,67 | 7 |
| 91 | MG | 6 | 1949 | 1/1 | 0.74 | 0.38 | 91,91,91,91 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3871 | 1/1 | 0.74 | 0.19 | 82,82,82,82 | 0 |
| 91 | MG | 5 | 3880 | 1/1 | 0.74 | 0.15 | 111,111,111,111 | 0 |
| 91 | MG | 1 | 3695 | 1/1 | 0.74 | 0.32 | 75,75,75,75 | 0 |
| 92 | OHX | 7 | 237 | 7/7 | 0.74 | 0.30 | 77,77,77,77 | 7 |
| 91 | MG | 5 | 4148 | 1/1 | 0.74 | 0.27 | 82,82,82,82 | 0 |
| 91 | MG | 2 | 1910 | 1/1 | 0.74 | 0.32 | 76,76,76,76 | 0 |
| 91 | MG | 5 | 3492 | 1/1 | 0.74 | 0.14 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3511 | 1/1 | 0.74 | 0.29 | 48,48,48,48 | 0 |
| 91 | MG | 6 | 2007 | 1/1 | 0.74 | 0.17 | 100,100,100,100 | 0 |
| 92 | OHX | 5 | 4488 | 7/7 | 0.74 | 0.41 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 3913 | 1/1 | 0.74 | 0.26 | 75,75,75,75 | 0 |
| 92 | OHX | 6 | 2291 | 7/7 | 0.74 | 0.20 | 109,109,109,109 | 7 |
| 91 | MG | 5 | 3606 | 1/1 | 0.74 | 0.30 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4496 | 7/7 | 0.74 | 0.13 | 159,159,159,159 | 7 |
| 91 | MG | 1 | 3421 | 1/1 | 0.74 | 0.38 | 88,88,88,88 | 0 |
| 91 | MG | 6 | 2037 | 1/1 | 0.74 | 0.25 | 98,98,98,98 | 0 |
| 92 | OHX | 1 | 4361 | 7/7 | 0.75 | 0.54 | 68,68,68,68 | 7 |
| 91 | MG | 6 | 2079 | 1/1 | 0.75 | 0.19 | 61,61,61,61 | 1 |
| 91 | MG | 6 | 2005 | 1/1 | 0.75 | 0.18 | 88,88,88,88 | 0 |
| 91 | MG | 5 | 3722 | 1/1 | 0.75 | 0.27 | 91,91,91,91 | 0 |
| 91 | MG | 6 | 1915 | 1/1 | 0.75 | 0.28 | 86,86,86,86 | 0 |
| 91 | MG | 8 | 216 | 1/1 | 0.75 | 0.17 | 68,68,68,68 | 0 |
| 92 | OHX | 5 | 4531 | 7/7 | 0.75 | 0.17 | 122,122,122,122 | 7 |
| 91 | MG | 6 | 2089 | 1/1 | 0.75 | 0.28 | 77,77,77,77 | 1 |
| 92 | OHX | 1 | 4486 | 7/7 | 0.75 | 0.30 | 86,86,86,86 | 7 |
| 91 | MG | 6 | 2009 | 1/1 | 0.75 | 0.21 | 111,111,111,111 | 0 |
| 91 | MG | 5 | 3748 | 1/1 | 0.75 | 0.40 | 54,54,54,54 | 0 |
| 91 | MG | o3 | 205 | 1/1 | 0.75 | 0.38 | 51,51,51,51 | 1 |
| 92 | OHX | 1 | 4504 | 7/7 | 0.75 | 0.40 | 73,73,73,73 | 7 |
| 91 | MG | o4 | 202 | 1/1 | 0.75 | 0.62 | 71,71,71,71 | 0 |
| 92 | OHX | 5 | 4425 | 7/7 | 0.75 | 0.43 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 3753 | 1/1 | 0.75 | 0.36 | 88,88,88,88 | 0 |
| 91 | MG | 6 | 2107 | 1/1 | 0.75 | 0.15 | 76,76,76,76 | 0 |
| 91 | MG | 6 | 2029 | 1/1 | 0.75 | 0.20 | 114,114,114,114 | 0 |
| 91 | MG | 2 | 2021 | 1/1 | 0.75 | 0.13 | 91,91,91,91 | 0 |
| 91 | MG | 2 | 1904 | 1/1 | 0.75 | 0.33 | 87,87,87,87 | 0 |
| 92 | OHX | 5 | 4462 | 7/7 | 0.75 | 0.40 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4564 | 7/7 | 0.75 | 0.28 | 80,80,80,80 | 7 |
| 91 | MG | 6 | 1959 | 1/1 | 0.75 | 0.30 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 3500 | 1/1 | 0.75 | 0.27 | 60,60,60,60 | 0 |
| 91 | MG | 1 | 3784 | 1/1 | 0.75 | 0.19 | 69,69,69,69 | 0 |
| 92 | OHX | 2 | 2227 | 7/7 | 0.75 | 0.44 | 82,82,82,82 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3835 | 1/1 | 0.75 | 0.27 | 50,50,50,50 | 1 |
| 92 | OHX | 6 | 2292 | 7/7 | 0.75 | 0.15 | 136,136,136,136 | 7 |
| 91 | MG | 1 | 3910 | 1/1 | 0.75 | 0.12 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3948 | 1/1 | 0.75 | 0.26 | 63,63,63,63 | 1 |
| 91 | MG | 5 | 3640 | 1/1 | 0.75 | 0.12 | 61,61,61,61 | 0 |
| 91 | MG | 2 | 2030 | 1/1 | 0.75 | 0.14 | 95,95,95,95 | 1 |
| 92 | OHX | 6 | 2309 | 7/7 | 0.75 | 0.29 | 98,98,98,98 | 7 |
| 92 | OHX | 5 | 4505 | 7/7 | 0.75 | 0.76 | 54,54,54,54 | 7 |
| 91 | MG | 2 | 1924 | 1/1 | 0.75 | 0.40 | 92,92,92,92 | 0 |
| 92 | OHX | 1 | 4460 | 7/7 | 0.75 | 0.44 | 60,60,60,60 | 7 |
| 91 | MG | 5 | 3804 | 1/1 | 0.76 | 0.10 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3933 | 1/1 | 0.76 | 0.17 | 56,56,56,56 | 1 |
| 92 | OHX | 5 | 4504 | 7/7 | 0.76 | 0.33 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 4016 | 1/1 | 0.76 | 0.24 | 101,101,101,101 | 0 |
| 91 | MG | 2 | 1973 | 1/1 | 0.76 | 0.27 | 118,118,118,118 | 0 |
| 92 | OHX | 2 | 2220 | 7/7 | 0.76 | 0.13 | 190,190,190,190 | 7 |
| 91 | MG | 6 | 2130 | 1/1 | 0.76 | 0.15 | 91,91,91,91 | 0 |
| 91 | MG | 6 | 1940 | 1/1 | 0.76 | 0.16 | 85,85,85,85 | 0 |
| 91 | MG | 5 | 3550 | 1/1 | 0.76 | 0.41 | 58,58,58,58 | 0 |
| 92 | OHX | 6 | 2320 | 7/7 | 0.76 | 0.33 | 77,77,77,77 | 7 |
| 91 | MG | 5 | 4090 | 1/1 | 0.76 | 0.10 | 106,106,106,106 | 0 |
| 91 | MG | 5 | 3842 | 1/1 | 0.76 | 0.19 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3899 | 1/1 | 0.76 | 0.19 | 67,67,67,67 | 1 |
| 91 | MG | 5 | 3614 | 1/1 | 0.76 | 0.24 | 63,63,63,63 | 0 |
| 91 | MG | 2 | 2257 | 1/1 | 0.76 | 0.38 | 80,80,80,80 | 0 |
| 91 | MG | 2 | 2010 | 1/1 | 0.76 | 0.24 | 87,87,87,87 | 0 |
| 91 | MG | s4 | 301 | 1/1 | 0.76 | 0.27 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3953 | 1/1 | 0.76 | 0.20 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 4154 | 1/1 | 0.76 | 0.11 | 61,61,61,61 | 1 |
| 91 | MG | 7 | 214 | 1/1 | 0.76 | 0.32 | 80,80,80,80 | 0 |
| 92 | OHX | 5 | 4391 | 7/7 | 0.76 | 0.60 | 52,52,52,52 | 7 |
| 92 | OHX | 5 | 4544 | 7/7 | 0.76 | 0.41 | 69,69,69,69 | 7 |
| 91 | MG | 7 | 222 | 1/1 | 0.76 | 0.11 | 63,63,63,63 | 0 |
| 92 | OHX | 5 | 4405 | 7/7 | 0.76 | 0.37 | 72,72,72,72 | 7 |
| 91 | MG | 2 | 1969 | 1/1 | 0.76 | 0.24 | 86,86,86,86 | 0 |
| 92 | OHX | 5 | 4414 | 7/7 | 0.76 | 0.63 | 63,63,63,63 | 7 |
| 91 | MG | c8 | 202 | 1/1 | 0.76 | 0.41 | 97,97,97,97 | 0 |
| 92 | OHX | 1 | 4403 | 7/7 | 0.76 | 0.36 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4413 | 7/7 | 0.76 | 0.45 | 68,68,68,68 | 7 |
| 91 | MG | 6 | 1923 | 1/1 | 0.76 | 0.25 | 80,80,80,80 | 0 |
| 92 | OHX | M0 | 306 | 7/7 | 0.76 | 0.52 | 64,64,64,64 | 7 |
| 91 | MG | l5 | 305 | 1/1 | 0.76 | 0.20 | 79,79,79,79 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 92 | OHX | 8 | 234 | 7/7 | 0.76 | 0.37 | 60,60,60,60 | 7 |
| 91 | MG | 3 | 209 | 1/1 | 0.76 | 0.18 | 85,85,85,85 | 0 |
| 91 | MG | n3 | 202 | 1/1 | 0.76 | 0.21 | 58,58,58,58 | 0 |
| 92 | OHX | 6 | 2231 | 7/7 | 0.76 | 0.25 | 83,83,83,83 | 7 |
| 91 | MG | 6 | 1968 | 1/1 | 0.76 | 0.26 | 100,100,100,100 | 0 |
| 91 | MG | 6 | 1926 | 1/1 | 0.76 | 0.41 | 90,90,90,90 | 0 |
| 92 | OHX | 6 | 2263 | 7/7 | 0.76 | 0.20 | 101,101,101,101 | 7 |
| 91 | MG | 1 | 3767 | 1/1 | 0.76 | 0.32 | 90,90,90,90 | 0 |
| 91 | MG | 6 | 2011 | 1/1 | 0.76 | 0.19 | 64,64,64,64 | 1 |
| 91 | MG | 6 | 2021 | 1/1 | 0.76 | 0.16 | 75,75,75,75 | 0 |
| 92 | OHX | 5 | 4492 | 7/7 | 0.76 | 0.34 | 66,66,66,66 | 7 |
| 91 | MG | 1 | 3630 | 1/1 | 0.76 | 0.17 | 78,78,78,78 | 0 |
| 91 | MG | O3 | 203 | 1/1 | 0.77 | 0.34 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 3555 | 1/1 | 0.77 | 0.36 | 84,84,84,84 | 0 |
| 91 | MG | 1 | 3469 | 1/1 | 0.77 | 0.27 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3896 | 1/1 | 0.77 | 0.32 | 70,70,70,70 | 0 |
| 91 | MG | c6 | 203 | 1/1 | 0.77 | 0.29 | 108,108,108,108 | 0 |
| 91 | MG | 2 | 1979 | 1/1 | 0.77 | 0.16 | 90,90,90,90 | 0 |
| 91 | MG | 3 | 207 | 1/1 | 0.77 | 0.37 | 75,75,75,75 | 0 |
| 91 | MG | 5 | 3892 | 1/1 | 0.77 | 0.09 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3711 | 1/1 | 0.77 | 0.40 | 96,96,96,96 | 0 |
| 92 | OHX | 1 | 4445 | 7/7 | 0.77 | 0.41 | 72,72,72,72 | 7 |
| 91 | MG | 5 | 4118 | 1/1 | 0.77 | 0.11 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4519 | 7/7 | 0.77 | 0.28 | 85,85,85,85 | 7 |
| 92 | OHX | 6 | 2317 | 7/7 | 0.77 | 0.19 | 107,107,107,107 | 7 |
| 91 | MG | c9 | 201 | 1/1 | 0.77 | 0.15 | 96,96,96,96 | 0 |
| 92 | OHX | 2 | 2236 | 7/7 | 0.77 | 0.32 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3686 | 1/1 | 0.77 | 0.13 | 68,68,68,68 | 0 |
| 91 | MG | M5 | 307 | 1/1 | 0.77 | 0.21 | 77,77,77,77 | 0 |
| 92 | OHX | 2 | 2241 | 7/7 | 0.77 | 0.22 | 104,104,104,104 | 7 |
| 91 | MG | 5 | 3909 | 1/1 | 0.77 | 0.43 | 91,91,91,91 | 0 |
| 92 | OHX | 2 | 2247 | 7/7 | 0.77 | 0.40 | 80,80,80,80 | 7 |
| 92 | OHX | 2 | 2250 | 7/7 | 0.77 | 0.12 | 120,120,120,120 | 7 |
| 92 | OHX | 2 | 2255 | 7/7 | 0.77 | 0.18 | 106,106,106,106 | 7 |
| 92 | OHX | C3 | 201 | 7/7 | 0.77 | 0.28 | 109,109,109,109 | 7 |
| 92 | OHX | 6 | 2337 | 7/7 | 0.77 | 0.21 | 97,97,97,97 | 7 |
| 92 | OHX | 1 | 4261 | 7/7 | 0.77 | 0.40 | 55,55,55,55 | 7 |
| 92 | OHX | 1 | 4483 | 7/7 | 0.77 | 0.47 | 63,63,63,63 | 7 |
| 91 | MG | 6 | 2038 | 1/1 | 0.77 | 0.14 | 99,99,99,99 | 0 |
| 92 | OHX | 5 | 4385 | 7/7 | 0.77 | 0.57 | 59,59,59,59 | 7 |
| 92 | OHX | 1 | 4352 | 7/7 | 0.77 | 0.18 | 135,135,135,135 | 7 |
| 91 | MG | 1 | 4008 | 1/1 | 0.77 | 0.25 | 54,54,54,54 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4560 | 7/7 | 0.77 | 0.32 | 75,75,75,75 | 7 |
| 91 | MG | 6 | 1917 | 1/1 | 0.77 | 0.30 | 91,91,91,91 | 0 |
| 91 | MG | 7 | 223 | 1/1 | 0.77 | 0.33 | 77,77,77,77 | 0 |
| 92 | OHX | 1 | 4498 | 7/7 | 0.77 | 0.18 | 109,109,109,109 | 7 |
| 91 | MG | 7 | 227 | 1/1 | 0.77 | 0.10 | 64,64,64,64 | 1 |
| 91 | MG | 2 | 2053 | 1/1 | 0.77 | 0.40 | 85,85,85,85 | 1 |
| 91 | MG | 5 | 3926 | 1/1 | 0.77 | 0.15 | 82,82,82,82 | 1 |
| 92 | OHX | 3 | 230 | 7/7 | 0.77 | 0.27 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 3480 | 1/1 | 0.77 | 0.34 | 53,53,53,53 | 0 |
| 92 | OHX | 4 | 247 | 7/7 | 0.77 | 0.34 | 82,82,82,82 | 7 |
| 91 | MG | 1 | 3872 | 1/1 | 0.77 | 0.22 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4464 | 7/7 | 0.77 | 0.30 | 79,79,79,79 | 7 |
| 91 | MG | 1 | 3815 | 1/1 | 0.77 | 0.18 | 69,69,69,69 | 0 |
| 92 | OHX | M9 | 204 | 7/7 | 0.77 | 0.19 | 94,94,94,94 | 7 |
| 91 | MG | O2 | 202 | 1/1 | 0.77 | 0.24 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3508 | 1/1 | 0.77 | 0.25 | 53,53,53,53 | 0 |
| 91 | MG | 6 | 2078 | 1/1 | 0.77 | 0.10 | 98,98,98,98 | 0 |
| 91 | MG | 6 | 2341 | 1/1 | 0.77 | 0.23 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 4009 | 1/1 | 0.77 | 0.42 | 48,48,48,48 | 1 |
| 91 | MG | 6 | 2092 | 1/1 | 0.78 | 0.15 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 4026 | 1/1 | 0.78 | 0.22 | 58,58,58,58 | 0 |
| 91 | MG | 6 | 2101 | 1/1 | 0.78 | 0.16 | 75,75,75,75 | 1 |
| 92 | OHX | 6 | 2248 | 7/7 | 0.78 | 0.27 | 97,97,97,97 | 7 |
| 92 | OHX | 6 | 2250 | 7/7 | 0.78 | 0.30 | 98,98,98,98 | 7 |
| 92 | OHX | 1 | 4366 | 7/7 | 0.78 | 0.39 | 78,78,78,78 | 7 |
| 92 | OHX | 1 | 4456 | 7/7 | 0.78 | 0.57 | 56,56,56,56 | 7 |
| 91 | MG | 5 | 3757 | 1/1 | 0.78 | 0.13 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2283 | 7/7 | 0.78 | 0.24 | 104,104,104,104 | 7 |
| 92 | OHX | 5 | 4454 | 7/7 | 0.78 | 0.38 | 63,63,63,63 | 7 |
| 91 | MG | Q0 | 201 | 1/1 | 0.78 | 0.27 | 68,68,68,68 | 1 |
| 91 | MG | 1 | 3848 | 1/1 | 0.78 | 0.16 | 83,83,83,83 | 0 |
| 92 | OHX | 2 | 2213 | 7/7 | 0.78 | 0.30 | 82,82,82,82 | 7 |
| 92 | OHX | 6 | 2300 | 7/7 | 0.78 | 0.30 | 76,76,76,76 | 7 |
| 91 | MG | 2 | 1986 | 1/1 | 0.78 | 0.23 | 89,89,89,89 | 0 |
| 91 | MG | 1 | 3525 | 1/1 | 0.78 | 0.38 | 53,53,53,53 | 0 |
| 91 | MG | 2 | 1930 | 1/1 | 0.78 | 0.27 | 82,82,82,82 | 0 |
| 92 | OHX | 5 | 4558 | 7/7 | 0.78 | 0.26 | 97,97,97,97 | 7 |
| 92 | OHX | 1 | 4480 | 7/7 | 0.78 | 0.21 | 85,85,85,85 | 7 |
| 91 | MG | 5 | 3815 | 1/1 | 0.78 | 0.21 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3638 | 1/1 | 0.78 | 0.31 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3412 | 1/1 | 0.78 | 0.27 | 68,68,68,68 | 0 |
| 91 | MG | 1 | 3892 | 1/1 | 0.78 | 0.21 | 75,75,75,75 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4568 | 7/7 | 0.78 | 0.30 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3567 | 1/1 | 0.78 | 0.36 | 54,54,54,54 | 0 |
| 92 | OHX | 1 | 4420 | 7/7 | 0.78 | 0.34 | 71,71,71,71 | 7 |
| 91 | MG | 5 | 3703 | 1/1 | 0.78 | 0.28 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3974 | 1/1 | 0.78 | 0.10 | 66,66,66,66 | 0 |
| 92 | OHX | 2 | 2242 | 7/7 | 0.78 | 0.26 | 97,97,97,97 | 7 |
| 92 | OHX | 5 | 4499 | 7/7 | 0.78 | 0.65 | 54,54,54,54 | 7 |
| 92 | OHX | 8 | 240 | 7/7 | 0.78 | 0.31 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3467 | 1/1 | 0.78 | 0.12 | 52,52,52,52 | 0 |
| 91 | MG | 2 | 1932 | 1/1 | 0.78 | 0.36 | 74,74,74,74 | 0 |
| 91 | MG | 2 | 2013 | 1/1 | 0.78 | 0.10 | 90,90,90,90 | 0 |
| 92 | OHX | 2 | 2253 | 7/7 | 0.78 | 0.20 | 113,113,113,113 | 7 |
| 91 | MG | 6 | 2084 | 1/1 | 0.78 | 0.20 | 99,99,99,99 | 0 |
| 91 | MG | 6 | 1956 | 1/1 | 0.78 | 0.28 | 90,90,90,90 | 0 |
| 92 | OHX | o9 | 102 | 7/7 | 0.78 | 0.44 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3845 | 1/1 | 0.78 | 0.11 | 73,73,73,73 | 0 |
| 91 | MG | 5 | 4078 | 1/1 | 0.78 | 0.18 | 75,75,75,75 | 0 |
| 91 | MG | S2 | 301 | 1/1 | 0.79 | 0.35 | 76,76,76,76 | 0 |
| 91 | MG | 5 | 3669 | 1/1 | 0.79 | 0.17 | 56,56,56,56 | 1 |
| 91 | MG | 4 | 226 | 1/1 | 0.79 | 0.15 | 66,66,66,66 | 0 |
| 91 | MG | 4 | 229 | 1/1 | 0.79 | 0.20 | 68,68,68,68 | 1 |
| 91 | MG | 5 | 3937 | 1/1 | 0.79 | 0.13 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 4047 | 1/1 | 0.79 | 0.24 | 89,89,89,89 | 0 |
| 92 | OHX | 6 | 2288 | 7/7 | 0.79 | 0.33 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4428 | 7/7 | 0.79 | 0.28 | 79,79,79,79 | 7 |
| 91 | MG | S2 | 302 | 1/1 | 0.79 | 0.26 | 85,85,85,85 | 0 |
| 91 | MG | 5 | 3950 | 1/1 | 0.79 | 0.20 | 66,66,66,66 | 1 |
| 91 | MG | 1 | 4062 | 1/1 | 0.79 | 0.21 | 91,91,91,91 | 1 |
| 91 | MG | 2 | 1925 | 1/1 | 0.79 | 0.35 | 81,81,81,81 | 0 |
| 91 | MG | 5 | 3970 | 1/1 | 0.79 | 0.48 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3737 | 1/1 | 0.79 | 0.20 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4447 | 7/7 | 0.79 | 0.35 | 68,68,68,68 | 7 |
| 91 | MG | 1 | 3601 | 1/1 | 0.79 | 0.45 | 60,60,60,60 | 0 |
| 91 | MG | D0 | 201 | 1/1 | 0.79 | 0.27 | 88,88,88,88 | 0 |
| 92 | OHX | 5 | 4525 | 7/7 | 0.79 | 0.25 | 81,81,81,81 | 7 |
| 92 | OHX | 5 | 4527 | 7/7 | 0.79 | 0.24 | 94,94,94,94 | 7 |
| 91 | MG | 6 | 2043 | 1/1 | 0.79 | 0.09 | 83,83,83,83 | 0 |
| 91 | MG | M7 | 205 | 1/1 | 0.79 | 0.19 | 56,56,56,56 | 0 |
| 91 | MG | 6 | 2048 | 1/1 | 0.79 | 0.28 | 84,84,84,84 | 0 |
| 91 | MG | 1 | 3737 | 1/1 | 0.79 | 0.17 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 3739 | 1/1 | 0.79 | 0.24 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 4079 | 1/1 | 0.79 | 0.30 | 74,74,74,74 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3798 | 1/1 | 0.79 | 0.36 | 78,78,78,78 | 0 |
| 91 | MG | 1 | 3472 | 1/1 | 0.79 | 0.15 | 63,63,63,63 | 0 |
| 91 | MG | O3 | 202 | 1/1 | 0.79 | 0.35 | 52,52,52,52 | 1 |
| 91 | MG | D6 | 102 | 1/1 | 0.79 | 0.19 | 92,92,92,92 | 0 |
| 91 | MG | 5 | 4102 | 1/1 | 0.79 | 0.15 | 69,69,69,69 | 0 |
| 91 | MG | 2 | 2035 | 1/1 | 0.79 | 0.13 | 78,78,78,78 | 0 |
| 91 | MG | 5 | 3823 | 1/1 | 0.79 | 0.26 | 74,74,74,74 | 1 |
| 92 | OHX | 1 | 4297 | 7/7 | 0.79 | 0.45 | 69,69,69,69 | 7 |
| 92 | OHX | 1 | 4307 | 7/7 | 0.79 | 0.72 | 50,50,50,50 | 7 |
| 91 | MG | O7 | 103 | 1/1 | 0.79 | 0.22 | 84,84,84,84 | 0 |
| 92 | OHX | 1 | 4492 | 7/7 | 0.79 | 0.39 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3641 | 1/1 | 0.79 | 0.19 | 66,66,66,66 | 0 |
| 91 | MG | 6 | 1977 | 1/1 | 0.79 | 0.16 | 95,95,95,95 | 0 |
| 91 | MG | 1 | 4095 | 1/1 | 0.79 | 0.14 | 101,101,101,101 | 1 |
| 92 | OHX | 1 | 4503 | 7/7 | 0.79 | 0.21 | 96,96,96,96 | 7 |
| 92 | OHX | 1 | 4365 | 7/7 | 0.79 | 0.38 | 61,61,61,61 | 7 |
| 92 | OHX | 5 | 4431 | 7/7 | 0.79 | 0.24 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4435 | 7/7 | 0.79 | 0.30 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 4098 | 1/1 | 0.79 | 0.18 | 54,54,54,54 | 1 |
| 92 | OHX | 5 | 4439 | 7/7 | 0.79 | 0.25 | 93,93,93,93 | 7 |
| 91 | MG | 5 | 3870 | 1/1 | 0.79 | 0.19 | 69,69,69,69 | 1 |
| 91 | MG | 2 | 2000 | 1/1 | 0.79 | 0.30 | 75,75,75,75 | 0 |
| 91 | MG | 6 | 2106 | 1/1 | 0.79 | 0.17 | 100,100,100,100 | 0 |
| 91 | MG | 1 | 3882 | 1/1 | 0.79 | 0.40 | 55,55,55,55 | 1 |
| 92 | OHX | 1 | 4391 | 7/7 | 0.79 | 0.26 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3653 | 1/1 | 0.79 | 0.29 | 86,86,86,86 | 0 |
| 91 | MG | 5 | 3589 | 1/1 | 0.79 | 0.27 | 53,53,53,53 | 0 |
| 91 | MG | 6 | 1912 | 1/1 | 0.79 | 0.24 | 98,98,98,98 | 0 |
| 91 | MG | 2 | 1947 | 1/1 | 0.79 | 0.27 | 80,80,80,80 | 0 |
| 91 | MG | 2 | 1956 | 1/1 | 0.79 | 0.24 | 101,101,101,101 | 0 |
| 91 | MG | 1 | 3524 | 1/1 | 0.79 | 0.35 | 47,47,47,47 | 0 |
| 91 | MG | 1 | 3420 | 1/1 | 0.79 | 0.27 | 85,85,85,85 | 0 |
| 91 | MG | 1 | 3402 | 1/1 | 0.80 | 0.32 | 59,59,59,59 | 0 |
| 92 | OHX | 6 | 2299 | 7/7 | 0.80 | 0.18 | 125,125,125,125 | 7 |
| 91 | MG | 6 | 1988 | 1/1 | 0.80 | 0.08 | 96,96,96,96 | 0 |
| 91 | MG | 5 | 3789 | 1/1 | 0.80 | 0.16 | 64,64,64,64 | 1 |
| 91 | MG | 2 | 1952 | 1/1 | 0.80 | 0.22 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4321 | 7/7 | 0.80 | 0.33 | 71,71,71,71 | 7 |
| 91 | MG | 6 | 2064 | 1/1 | 0.80 | 0.19 | 103,103,103,103 | 0 |
| 91 | MG | 1 | 3598 | 1/1 | 0.80 | 0.35 | 52,52,52,52 | 0 |
| 92 | OHX | 6 | 2313 | 7/7 | 0.80 | 0.23 | 85,85,85,85 | 7 |
| 91 | MG | 2 | 1974 | 1/1 | 0.80 | 0.20 | 106,106,106,106 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | l7 | 304 | 1/1 | 0.80 | 0.29 | 52,52,52,52 | 1 |
| 91 | MG | m1 | 201 | 1/1 | 0.80 | 0.24 | 80,80,80,80 | 0 |
| 91 | MG | 2 | 1994 | 1/1 | 0.80 | 0.26 | 76,76,76,76 | 0 |
| 92 | OHX | 1 | 4371 | 7/7 | 0.80 | 0.36 | 76,76,76,76 | 7 |
| 91 | MG | 1 | 3681 | 1/1 | 0.80 | 0.40 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 4085 | 1/1 | 0.80 | 0.23 | 62,62,62,62 | 1 |
| 92 | OHX | 1 | 4383 | 7/7 | 0.80 | 0.17 | 94,94,94,94 | 7 |
| 92 | OHX | 6 | 2327 | 7/7 | 0.80 | 0.13 | 160,160,160,160 | 7 |
| 91 | MG | 6 | 1951 | 1/1 | 0.80 | 0.36 | 84,84,84,84 | 0 |
| 91 | MG | 5 | 3975 | 1/1 | 0.80 | 0.32 | 81,81,81,81 | 0 |
| 92 | OHX | 1 | 4494 | 7/7 | 0.80 | 0.35 | 61,61,61,61 | 7 |
| 91 | MG | 5 | 3995 | 1/1 | 0.80 | 0.38 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 3999 | 1/1 | 0.80 | 0.21 | 76,76,76,76 | 0 |
| 92 | OHX | 1 | 4500 | 7/7 | 0.80 | 0.22 | 89,89,89,89 | 7 |
| 91 | MG | 5 | 4005 | 1/1 | 0.80 | 0.16 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3912 | 1/1 | 0.80 | 0.28 | 65,65,65,65 | 0 |
| 91 | MG | 2 | 1918 | 1/1 | 0.80 | 0.35 | 78,78,78,78 | 0 |
| 91 | MG | 5 | 3685 | 1/1 | 0.80 | 0.12 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3858 | 1/1 | 0.80 | 0.19 | 48,48,48,48 | 1 |
| 92 | OHX | 2 | 2215 | 7/7 | 0.80 | 0.18 | 115,115,115,115 | 7 |
| 92 | OHX | 5 | 4407 | 7/7 | 0.80 | 0.43 | 63,63,63,63 | 7 |
| 91 | MG | 6 | 2008 | 1/1 | 0.80 | 0.17 | 93,93,93,93 | 0 |
| 92 | OHX | L3 | 409 | 7/7 | 0.80 | 0.17 | 94,94,94,94 | 7 |
| 92 | OHX | 5 | 4421 | 7/7 | 0.80 | 0.31 | 87,87,87,87 | 7 |
| 92 | OHX | 5 | 4423 | 7/7 | 0.80 | 0.36 | 55,55,55,55 | 7 |
| 92 | OHX | 5 | 4561 | 7/7 | 0.80 | 0.49 | 62,62,62,62 | 7 |
| 91 | MG | 6 | 1911 | 1/1 | 0.80 | 0.28 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3418 | 1/1 | 0.80 | 0.13 | 51,51,51,51 | 0 |
| 92 | OHX | M7 | 209 | 7/7 | 0.80 | 0.31 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4433 | 7/7 | 0.80 | 0.44 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 3890 | 1/1 | 0.80 | 0.17 | 73,73,73,73 | 0 |
| 91 | MG | 5 | 3719 | 1/1 | 0.80 | 0.35 | 73,73,73,73 | 0 |
| 91 | MG | 2 | 1921 | 1/1 | 0.80 | 0.33 | 70,70,70,70 | 0 |
| 92 | OHX | 5 | 4441 | 7/7 | 0.80 | 0.73 | 53,53,53,53 | 7 |
| 91 | MG | 6 | 2020 | 1/1 | 0.80 | 0.14 | 86,86,86,86 | 0 |
| 91 | MG | 2 | 2020 | 1/1 | 0.80 | 0.38 | 89,89,89,89 | 0 |
| 91 | MG | 2 | 2041 | 1/1 | 0.80 | 0.20 | 84,84,84,84 | 0 |
| 91 | MG | 6 | 2032 | 1/1 | 0.80 | 0.11 | 67,67,67,67 | 0 |
| 91 | MG | 3 | 203 | 1/1 | 0.80 | 0.40 | 66,66,66,66 | 0 |
| 91 | MG | 2 | 2006 | 1/1 | 0.80 | 0.21 | 96,96,96,96 | 0 |
| 91 | MG | 1 | 3734 | 1/1 | 0.80 | 0.18 | 63,63,63,63 | 1 |
| 92 | OHX | 6 | 2280 | 7/7 | 0.80 | 0.40 | 72,72,72,72 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3796 | 1/1 | 0.80 | 0.33 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 4569 | 1/1 | 0.80 | 0.09 | 60,60,60,60 | 0 |
| 92 | OHX | 2 | 2254 | 7/7 | 0.80 | 0.33 | 82,82,82,82 | 7 |
| 92 | OHX | 6 | 2290 | 7/7 | 0.80 | 0.12 | 148,148,148,148 | 7 |
| 92 | OHX | a | 101 | 7/7 | 0.80 | 0.41 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 3883 | 1/1 | 0.80 | 0.18 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 3867 | 1/1 | 0.81 | 0.29 | 81,81,81,81 | 0 |
| 91 | MG | 1 | 3663 | 1/1 | 0.81 | 0.19 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3920 | 1/1 | 0.81 | 0.56 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4254 | 7/7 | 0.81 | 0.39 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 3787 | 1/1 | 0.81 | 0.19 | 90,90,90,90 | 0 |
| 91 | MG | 2 | 1989 | 1/1 | 0.81 | 0.20 | 91,91,91,91 | 0 |
| 92 | OHX | 1 | 4304 | 7/7 | 0.81 | 0.38 | 66,66,66,66 | 7 |
| 92 | OHX | 6 | 2306 | 7/7 | 0.81 | 0.13 | 142,142,142,142 | 7 |
| 91 | MG | 6 | 2023 | 1/1 | 0.81 | 0.23 | 85,85,85,85 | 0 |
| 92 | OHX | 1 | 4315 | 7/7 | 0.81 | 0.38 | 72,72,72,72 | 7 |
| 91 | MG | 6 | 1920 | 1/1 | 0.81 | 0.30 | 54,54,54,54 | 0 |
| 92 | OHX | 1 | 4473 | 7/7 | 0.81 | 0.47 | 64,64,64,64 | 7 |
| 92 | OHX | 6 | 2316 | 7/7 | 0.81 | 0.35 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4335 | 7/7 | 0.81 | 0.22 | 106,106,106,106 | 7 |
| 92 | OHX | 1 | 4479 | 7/7 | 0.81 | 0.31 | 71,71,71,71 | 7 |
| 91 | MG | 1 | 4039 | 1/1 | 0.81 | 0.17 | 95,95,95,95 | 0 |
| 91 | MG | N3 | 201 | 1/1 | 0.81 | 0.10 | 62,62,62,62 | 1 |
| 92 | OHX | 1 | 4355 | 7/7 | 0.81 | 0.53 | 60,60,60,60 | 7 |
| 91 | MG | 5 | 3506 | 1/1 | 0.81 | 0.13 | 56,56,56,56 | 0 |
| 91 | MG | 6 | 2113 | 1/1 | 0.81 | 0.17 | 86,86,86,86 | 0 |
| 91 | MG | l9 | 203 | 1/1 | 0.81 | 0.11 | 55,55,55,55 | 1 |
| 91 | MG | 6 | 1976 | 1/1 | 0.81 | 0.26 | 74,74,74,74 | 0 |
| 91 | MG | 6 | 2119 | 1/1 | 0.81 | 0.21 | 88,88,88,88 | 1 |
| 91 | MG | n1 | 203 | 1/1 | 0.81 | 0.25 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3409 | 1/1 | 0.81 | 0.32 | 48,48,48,48 | 0 |
| 91 | MG | 6 | 1978 | 1/1 | 0.81 | 0.11 | 96,96,96,96 | 0 |
| 91 | MG | 6 | 2041 | 1/1 | 0.81 | 0.40 | 82,82,82,82 | 0 |
| 91 | MG | 2 | 1931 | 1/1 | 0.81 | 0.20 | 85,85,85,85 | 0 |
| 91 | MG | 2 | 1901 | 1/1 | 0.81 | 0.32 | 86,86,86,86 | 0 |
| 91 | MG | 1 | 3528 | 1/1 | 0.81 | 0.42 | 42,42,42,42 | 0 |
| 92 | OHX | 3 | 229 | 7/7 | 0.81 | 0.39 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 3834 | 1/1 | 0.81 | 0.23 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4398 | 7/7 | 0.81 | 0.55 | 58,58,58,58 | 7 |
| 91 | MG | 6 | 1933 | 1/1 | 0.81 | 0.22 | 76,76,76,76 | 0 |
| 92 | OHX | 4 | 246 | 7/7 | 0.81 | 0.34 | 82,82,82,82 | 7 |
| 91 | MG | 6 | 1993 | 1/1 | 0.81 | 0.31 | 91,91,91,91 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 4 | 248 | 7/7 | 0.81 | 0.34 | 75,75,75,75 | 7 |
| 91 | MG | 1 | 3949 | 1/1 | 0.81 | 0.45 | 66,66,66,66 | 1 |
| 91 | MG | 5 | 3662 | 1/1 | 0.81 | 0.25 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4424 | 7/7 | 0.81 | 0.43 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3863 | 1/1 | 0.81 | 0.23 | 53,53,53,53 | 1 |
| 92 | OHX | M0 | 308 | 7/7 | 0.81 | 0.23 | 108,108,108,108 | 7 |
| 91 | MG | 1 | 3534 | 1/1 | 0.81 | 0.28 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3680 | 1/1 | 0.81 | 0.23 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3954 | 1/1 | 0.81 | 0.32 | 52,52,52,52 | 1 |
| 92 | OHX | 7 | 240 | 7/7 | 0.81 | 0.26 | 73,73,73,73 | 7 |
| 92 | OHX | 2 | 2226 | 7/7 | 0.81 | 0.10 | 215,215,215,215 | 7 |
| 91 | MG | 1 | 3538 | 1/1 | 0.81 | 0.43 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3891 | 1/1 | 0.81 | 0.10 | 83,83,83,83 | 0 |
| 92 | OHX | 5 | 4453 | 7/7 | 0.81 | 0.23 | 84,84,84,84 | 7 |
| 92 | OHX | 8 | 239 | 7/7 | 0.81 | 0.30 | 87,87,87,87 | 7 |
| 91 | MG | 1 | 4077 | 1/1 | 0.81 | 0.27 | 83,83,83,83 | 1 |
| 91 | MG | 6 | 2080 | 1/1 | 0.81 | 0.15 | 80,80,80,80 | 1 |
| 91 | MG | 1 | 3904 | 1/1 | 0.81 | 0.28 | 66,66,66,66 | 1 |
| 91 | MG | 1 | 3486 | 1/1 | 0.81 | 0.25 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 4136 | 1/1 | 0.81 | 0.10 | 59,59,59,59 | 0 |
| 92 | OHX | 6 | 2269 | 7/7 | 0.81 | 0.25 | 100,100,100,100 | 7 |
| 91 | MG | 2 | 2008 | 1/1 | 0.81 | 0.18 | 91,91,91,91 | 0 |
| 91 | MG | 5 | 4140 | 1/1 | 0.81 | 0.37 | 50,50,50,50 | 1 |
| 91 | MG | 5 | 3723 | 1/1 | 0.81 | 0.22 | 78,78,78,78 | 0 |
| 91 | MG | 2 | 2026 | 1/1 | 0.81 | 0.23 | 101,101,101,101 | 0 |
| 91 | MG | 5 | 4151 | 1/1 | 0.81 | 0.13 | 68,68,68,68 | 0 |
| 91 | MG | 2 | 2023 | 1/1 | 0.82 | 0.29 | 98,98,98,98 | 0 |
| 92 | OHX | 6 | 2254 | 7/7 | 0.82 | 0.27 | 92,92,92,92 | 7 |
| 91 | MG | 6 | 2056 | 1/1 | 0.82 | 0.35 | 89,89,89,89 | 0 |
| 91 | MG | 5 | 3661 | 1/1 | 0.82 | 0.23 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 3756 | 1/1 | 0.82 | 0.31 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3939 | 1/1 | 0.82 | 0.35 | 60,60,60,60 | 1 |
| 92 | OHX | 6 | 2282 | 7/7 | 0.82 | 0.33 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4443 | 7/7 | 0.82 | 0.14 | 108,108,108,108 | 7 |
| 91 | MG | 5 | 4107 | 1/1 | 0.82 | 0.13 | 58,58,58,58 | 0 |
| 92 | OHX | 6 | 2285 | 7/7 | 0.82 | 0.32 | 81,81,81,81 | 7 |
| 92 | OHX | 6 | 2286 | 7/7 | 0.82 | 0.19 | 120,120,120,120 | 7 |
| 91 | MG | 1 | 3510 | 1/1 | 0.82 | 0.30 | 92,92,92,92 | 0 |
| 92 | OHX | 1 | 4448 | 7/7 | 0.82 | 0.37 | 60,60,60,60 | 7 |
| 92 | OHX | 2 | 2245 | 7/7 | 0.82 | 0.18 | 112,112,112,112 | 7 |
| 92 | OHX | 5 | 4494 | 7/7 | 0.82 | 0.34 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 4120 | 1/1 | 0.82 | 0.44 | 52,52,52,52 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | c8 | 201 | 1/1 | 0.82 | 0.10 | 102,102,102,102 | 0 |
| 91 | MG | 6 | 1935 | 1/1 | 0.82 | 0.15 | 75,75,75,75 | 0 |
| 91 | MG | 6 | 1939 | 1/1 | 0.82 | 0.14 | 100,100,100,100 | 0 |
| 91 | MG | 1 | 3812 | 1/1 | 0.82 | 0.25 | 79,79,79,79 | 0 |
| 92 | OHX | 6 | 2304 | 7/7 | 0.82 | 0.25 | 84,84,84,84 | 7 |
| 92 | OHX | 1 | 4459 | 7/7 | 0.82 | 0.66 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3903 | 1/1 | 0.82 | 0.42 | 75,75,75,75 | 1 |
| 91 | MG | 1 | 4067 | 1/1 | 0.82 | 0.37 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3474 | 1/1 | 0.82 | 0.21 | 49,49,49,49 | 0 |
| 92 | OHX | 5 | 4514 | 7/7 | 0.82 | 0.29 | 83,83,83,83 | 7 |
| 91 | MG | 6 | 2002 | 1/1 | 0.82 | 0.14 | 100,100,100,100 | 0 |
| 91 | MG | 4 | 206 | 1/1 | 0.82 | 0.45 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 3426 | 1/1 | 0.82 | 0.26 | 73,73,73,73 | 0 |
| 92 | OHX | 1 | 4472 | 7/7 | 0.82 | 0.32 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4306 | 7/7 | 0.82 | 0.36 | 72,72,72,72 | 7 |
| 91 | MG | 5 | 3732 | 1/1 | 0.82 | 0.37 | 70,70,70,70 | 1 |
| 91 | MG | 2 | 1938 | 1/1 | 0.82 | 0.28 | 75,75,75,75 | 0 |
| 92 | OHX | 6 | 2321 | 7/7 | 0.82 | 0.19 | 138,138,138,138 | 7 |
| 91 | MG | 2 | 1922 | 1/1 | 0.82 | 0.34 | 81,81,81,81 | 0 |
| 91 | MG | 5 | 3453 | 1/1 | 0.82 | 0.32 | 73,73,73,73 | 0 |
| 91 | MG | 6 | 1955 | 1/1 | 0.82 | 0.24 | 63,63,63,63 | 0 |
| 92 | OHX | 1 | 4343 | 7/7 | 0.82 | 0.34 | 70,70,70,70 | 7 |
| 91 | MG | 4 | 225 | 1/1 | 0.82 | 0.14 | 69,69,69,69 | 0 |
| 91 | MG | 1 | 3656 | 1/1 | 0.82 | 0.16 | 75,75,75,75 | 0 |
| 92 | OHX | 6 | 2332 | 7/7 | 0.82 | 0.17 | 116,116,116,116 | 7 |
| 91 | MG | 5 | 3947 | 1/1 | 0.82 | 0.22 | 61,61,61,61 | 0 |
| 91 | MG | 6 | 2018 | 1/1 | 0.82 | 0.11 | 105,105,105,105 | 0 |
| 92 | OHX | 5 | 4546 | 7/7 | 0.82 | 0.36 | 68,68,68,68 | 7 |
| 91 | MG | 1 | 3842 | 1/1 | 0.82 | 0.10 | 74,74,74,74 | 0 |
| 91 | MG | 5 | 3777 | 1/1 | 0.82 | 0.14 | 69,69,69,69 | 0 |
| 92 | OHX | c3 | 201 | 7/7 | 0.82 | 0.23 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3958 | 1/1 | 0.82 | 0.60 | 50,50,50,50 | 1 |
| 91 | MG | 6 | 1960 | 1/1 | 0.82 | 0.39 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4351 | 7/7 | 0.82 | 0.21 | 97,97,97,97 | 7 |
| 92 | OHX | 5 | 4382 | 7/7 | 0.82 | 0.38 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 3456 | 1/1 | 0.82 | 0.29 | 74,74,74,74 | 0 |
| 91 | MG | n8 | 202 | 1/1 | 0.82 | 0.20 | 67,67,67,67 | 0 |
| 92 | OHX | 5 | 4395 | 7/7 | 0.82 | 0.25 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4396 | 7/7 | 0.82 | 0.54 | 52,52,52,52 | 7 |
| 92 | OHX | 5 | 4567 | 7/7 | 0.82 | 0.22 | 100,100,100,100 | 7 |
| 91 | MG | 1 | 3909 | 1/1 | 0.82 | 1.00 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 4002 | 1/1 | - | - | 72,72,72,72 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3495 | 1/1 | 0.82 | 0.35 | 55,55,55,55 | 0 |
| 91 | MG | o6 | 201 | 1/1 | 0.82 | 0.38 | 80,80,80,80 | 1 |
| 91 | MG | 1 | 3736 | 1/1 | 0.82 | 0.13 | 88,88,88,88 | 0 |
| 92 | OHX | 2 | 2168 | 7/7 | 0.82 | 0.23 | 112,112,112,112 | 7 |
| 92 | OHX | 1 | 4400 | 7/7 | 0.82 | 0.31 | 70,70,70,70 | 7 |
| 91 | MG | M5 | 306 | 1/1 | 0.82 | 0.28 | 52,52,52,52 | 1 |
| 92 | OHX | 1 | 4408 | 7/7 | 0.82 | 0.26 | 91,91,91,91 | 7 |
| 91 | MG | 6 | 2120 | 1/1 | 0.82 | 0.13 | 74,74,74,74 | 0 |
| 91 | MG | 5 | 3820 | 1/1 | 0.82 | 0.44 | 52,52,52,52 | 1 |
| 92 | OHX | 5 | 4427 | 7/7 | 0.82 | 0.28 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3553 | 1/1 | 0.82 | 0.33 | 51,51,51,51 | 0 |
| 91 | MG | 6 | 2126 | 1/1 | 0.82 | 0.12 | 84,84,84,84 | 0 |
| 92 | OHX | m0 | 305 | 7/7 | 0.82 | 0.55 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 3829 | 1/1 | 0.82 | 0.17 | 75,75,75,75 | 0 |
| 91 | MG | 1 | 3857 | 1/1 | 0.82 | 0.19 | 60,60,60,60 | 0 |
| 91 | MG | 1 | 3918 | 1/1 | 0.82 | 0.21 | 88,88,88,88 | 0 |
| 91 | MG | 1 | 3667 | 1/1 | 0.82 | 0.32 | 63,63,63,63 | 1 |
| 91 | MG | 5 | 4058 | 1/1 | 0.82 | 0.35 | 47,47,47,47 | 1 |
| 91 | MG | 2 | 1949 | 1/1 | 0.82 | 0.18 | 87,87,87,87 | 0 |
| 93 | ZN | D7 | 101 | 1/1 | 0.82 | 0.15 | 159,159,159,159 | 0 |
| 91 | MG | M9 | 202 | 1/1 | 0.82 | 0.24 | 84,84,84,84 | 0 |
| 91 | MG | 5 | 4103 | 1/1 | 0.83 | 0.82 | 54,54,54,54 | 1 |
| 91 | MG | 2 | 1954 | 1/1 | 0.83 | 0.18 | 74,74,74,74 | 0 |
| 91 | MG | 2 | 1923 | 1/1 | 0.83 | 0.21 | 79,79,79,79 | 0 |
| 91 | MG | 6 | 2025 | 1/1 | 0.83 | 0.23 | 97,97,97,97 | 0 |
| 92 | OHX | 5 | 4484 | 7/7 | 0.83 | 0.29 | 76,76,76,76 | 7 |
| 91 | MG | 1 | 3568 | 1/1 | 0.83 | 0.14 | 71,71,71,71 | 0 |
| 91 | MG | 6 | 1958 | 1/1 | 0.83 | 0.46 | 79,79,79,79 | 0 |
| 91 | MG | O7 | 105 | 1/1 | 0.83 | 0.31 | 81,81,81,81 | 0 |
| 91 | MG | 1 | 3741 | 1/1 | 0.83 | 0.09 | 69,69,69,69 | 0 |
| 92 | OHX | 1 | 4461 | 7/7 | 0.83 | 0.12 | 144,144,144,144 | 7 |
| 92 | OHX | 2 | 2256 | 7/7 | 0.83 | 0.15 | 130,130,130,130 | 7 |
| 91 | MG | 6 | 1963 | 1/1 | 0.83 | 0.31 | 71,71,71,71 | 0 |
| 91 | MG | 6 | 1965 | 1/1 | 0.83 | 0.32 | 54,54,54,54 | 0 |
| 91 | MG | 3 | 213 | 1/1 | 0.83 | 0.30 | 79,79,79,79 | 0 |
| 91 | MG | 3 | 214 | 1/1 | 0.83 | 0.19 | 80,80,80,80 | 0 |
| 92 | OHX | 1 | 4470 | 7/7 | 0.83 | 0.43 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3443 | 1/1 | 0.83 | 0.29 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 4045 | 1/1 | 0.83 | 0.16 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3838 | 1/1 | 0.83 | 0.10 | 69,69,69,69 | 0 |
| 91 | MG | 1 | 3665 | 1/1 | 0.83 | 0.25 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3585 | 1/1 | 0.83 | 0.41 | 54,54,54,54 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4322 | 7/7 | 0.83 | 0.40 | 65,65,65,65 | 7 |
| 92 | OHX | 1 | 4327 | 7/7 | 0.83 | 0.25 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3923 | 1/1 | 0.83 | 0.24 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3409 | 1/1 | 0.83 | 0.16 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3596 | 1/1 | 0.83 | 0.35 | 65,65,65,65 | 0 |
| 91 | MG | 8 | 220 | 1/1 | 0.83 | 0.11 | 79,79,79,79 | 0 |
| 91 | MG | 2 | 1917 | 1/1 | 0.83 | 0.30 | 71,71,71,71 | 0 |
| 92 | OHX | 1 | 4357 | 7/7 | 0.83 | 0.37 | 69,69,69,69 | 7 |
| 92 | OHX | 5 | 4532 | 7/7 | 0.83 | 0.33 | 66,66,66,66 | 7 |
| 91 | MG | l5 | 304 | 1/1 | 0.83 | 0.23 | 77,77,77,77 | 0 |
| 92 | OHX | 1 | 4499 | 7/7 | 0.83 | 0.35 | 70,70,70,70 | 7 |
| 91 | MG | L3 | 401 | 1/1 | 0.83 | 0.31 | 56,56,56,56 | 1 |
| 91 | MG | 6 | 1921 | 1/1 | 0.83 | 0.19 | 72,72,72,72 | 0 |
| 91 | MG | D9 | 101 | 1/1 | 0.83 | 0.08 | 90,90,90,90 | 0 |
| 91 | MG | 1 | 3865 | 1/1 | 0.83 | 0.39 | 62,62,62,62 | 1 |
| 92 | OHX | 5 | 4336 | 7/7 | 0.83 | 0.52 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 3949 | 1/1 | 0.83 | 0.16 | 61,61,61,61 | 0 |
| 91 | MG | 2 | 1935 | 1/1 | 0.83 | 0.20 | 106,106,106,106 | 0 |
| 91 | MG | 5 | 3762 | 1/1 | 0.83 | 0.15 | 67,67,67,67 | 0 |
| 91 | MG | 2 | 2048 | 1/1 | 0.83 | 0.15 | 80,80,80,80 | 0 |
| 91 | MG | 5 | 3959 | 1/1 | 0.83 | 0.16 | 68,68,68,68 | 0 |
| 91 | MG | 2 | 1937 | 1/1 | 0.83 | 0.37 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3771 | 1/1 | 0.83 | 0.27 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 3477 | 1/1 | 0.83 | 0.29 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4559 | 7/7 | 0.83 | 0.23 | 100,100,100,100 | 7 |
| 92 | OHX | 5 | 4399 | 7/7 | 0.83 | 0.29 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4403 | 7/7 | 0.83 | 0.34 | 67,67,67,67 | 7 |
| 92 | OHX | L4 | 408 | 7/7 | 0.83 | 0.23 | 76,76,76,76 | 7 |
| 91 | MG | 6 | 1998 | 1/1 | 0.83 | 0.08 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 3781 | 1/1 | 0.83 | 0.21 | 59,59,59,59 | 1 |
| 92 | OHX | 2 | 2173 | 7/7 | 0.83 | 0.21 | 97,97,97,97 | 7 |
| 91 | MG | 1 | 3950 | 1/1 | 0.83 | 0.21 | 82,82,82,82 | 0 |
| 91 | MG | 5 | 3499 | 1/1 | 0.83 | 0.15 | 64,64,64,64 | 0 |
| 91 | MG | 2 | 2002 | 1/1 | 0.83 | 0.18 | 85,85,85,85 | 0 |
| 92 | OHX | 2 | 2206 | 7/7 | 0.83 | 0.24 | 98,98,98,98 | 7 |
| 91 | MG | 1 | 3717 | 1/1 | 0.83 | 0.32 | 72,72,72,72 | 0 |
| 91 | MG | 1 | 3884 | 1/1 | 0.83 | 0.12 | 59,59,59,59 | 0 |
| 91 | MG | 2 | 2016 | 1/1 | 0.83 | 0.09 | 86,86,86,86 | 0 |
| 91 | MG | 5 | 3527 | 1/1 | 0.83 | 0.26 | 44,44,44,44 | 0 |
| 91 | MG | 2 | 1995 | 1/1 | 0.83 | 0.12 | 93,93,93,93 | 1 |
| 91 | MG | 5 | 3545 | 1/1 | 0.83 | 0.22 | 68,68,68,68 | 0 |
| 92 | OHX | 2 | 2223 | 7/7 | 0.83 | 0.25 | 81,81,81,81 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | N3 | 204 | 1/1 | 0.83 | 0.19 | 80,80,80,80 | 0 |
| 92 | OHX | 5 | 4445 | 7/7 | 0.83 | 0.38 | 69,69,69,69 | 7 |
| 92 | OHX | 5 | 4449 | 7/7 | 0.83 | 0.35 | 61,61,61,61 | 7 |
| 92 | OHX | 5 | 4451 | 7/7 | 0.83 | 0.20 | 93,93,93,93 | 7 |
| 91 | MG | 5 | 4059 | 1/1 | 0.83 | 0.16 | 70,70,70,70 | 1 |
| 91 | MG | 1 | 3981 | 1/1 | 0.83 | 0.18 | 55,55,55,55 | 1 |
| 91 | MG | 5 | 4068 | 1/1 | 0.83 | 0.17 | 58,58,58,58 | 0 |
| 91 | MG | 6 | 1946 | 1/1 | 0.83 | 0.18 | 70,70,70,70 | 0 |
| 91 | MG | 6 | 2012 | 1/1 | 0.83 | 0.27 | 95,95,95,95 | 0 |
| 91 | MG | 1 | 3733 | 1/1 | 0.83 | 0.24 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3610 | 1/1 | 0.83 | 0.50 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3648 | 1/1 | 0.83 | 0.11 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3413 | 1/1 | 0.84 | 0.27 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3557 | 1/1 | 0.84 | 0.33 | 77,77,77,77 | 0 |
| 92 | OHX | 2 | 2251 | 7/7 | 0.84 | 0.10 | 191,191,191,191 | 7 |
| 91 | MG | 1 | 3508 | 1/1 | 0.84 | 0.25 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3799 | 1/1 | 0.84 | 0.31 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 4048 | 1/1 | 0.84 | 0.31 | 66,66,66,66 | 1 |
| 91 | MG | 6 | 2086 | 1/1 | 0.84 | 0.23 | 93,93,93,93 | 0 |
| 91 | MG | 5 | 4155 | 1/1 | 0.84 | 0.36 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 3755 | 1/1 | 0.84 | 0.10 | 58,58,58,58 | 0 |
| 91 | MG | S4 | 301 | 1/1 | 0.84 | 0.13 | 94,94,94,94 | 0 |
| 91 | MG | 3 | 218 | 1/1 | 0.84 | 0.26 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3933 | 1/1 | 0.84 | 0.20 | 76,76,76,76 | 0 |
| 91 | MG | 4 | 204 | 1/1 | 0.84 | 0.23 | 66,66,66,66 | 0 |
| 91 | MG | 8 | 206 | 1/1 | 0.84 | 0.14 | 63,63,63,63 | 0 |
| 92 | OHX | 1 | 4310 | 7/7 | 0.84 | 0.32 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 3758 | 1/1 | 0.84 | 0.31 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3759 | 1/1 | 0.84 | 0.26 | 54,54,54,54 | 0 |
| 91 | MG | 2 | 2001 | 1/1 | 0.84 | 0.16 | 85,85,85,85 | 0 |
| 91 | MG | l3 | 403 | 1/1 | 0.84 | 0.40 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 3693 | 1/1 | 0.84 | 0.14 | 68,68,68,68 | 0 |
| 91 | MG | 6 | 1905 | 1/1 | 0.84 | 0.13 | 86,86,86,86 | 0 |
| 91 | MG | 5 | 3769 | 1/1 | 0.84 | 0.29 | 60,60,60,60 | 0 |
| 91 | MG | 1 | 4070 | 1/1 | 0.84 | 0.16 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3824 | 1/1 | 0.84 | 0.37 | 74,74,74,74 | 0 |
| 91 | MG | 1 | 3484 | 1/1 | 0.84 | 0.20 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3589 | 1/1 | 0.84 | 0.25 | 42,42,42,42 | 0 |
| 91 | MG | m7 | 206 | 1/1 | 0.84 | 0.15 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3526 | 1/1 | 0.84 | 0.17 | 53,53,53,53 | 0 |
| 92 | OHX | c5 | 202 | 7/7 | 0.84 | 0.14 | 112,112,112,112 | 7 |
| 91 | MG | L3 | 405 | 1/1 | 0.84 | 0.20 | 71,71,71,71 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4535 | 7/7 | 0.84 | 0.34 | 63,63,63,63 | 7 |
| 92 | OHX | 1 | 4502 | 7/7 | 0.84 | 0.21 | 102,102,102,102 | 7 |
| 92 | OHX | 1 | 4368 | 7/7 | 0.84 | 0.31 | 86,86,86,86 | 7 |
| 91 | MG | 5 | 3809 | 1/1 | 0.84 | 0.16 | 56,56,56,56 | 1 |
| 91 | MG | 6 | 1969 | 1/1 | 0.84 | 0.20 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3961 | 1/1 | 0.84 | 0.19 | 82,82,82,82 | 0 |
| 92 | OHX | 1 | 4377 | 7/7 | 0.84 | 0.20 | 130,130,130,130 | 7 |
| 92 | OHX | 5 | 4393 | 7/7 | 0.84 | 0.32 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4378 | 7/7 | 0.84 | 0.25 | 76,76,76,76 | 7 |
| 91 | MG | o4 | 201 | 1/1 | 0.84 | 0.20 | 79,79,79,79 | 1 |
| 91 | MG | 5 | 3549 | 1/1 | 0.84 | 0.22 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 4004 | 1/1 | 0.84 | 0.14 | 69,69,69,69 | 0 |
| 91 | MG | 6 | 2036 | 1/1 | 0.84 | 0.33 | 97,97,97,97 | 0 |
| 91 | MG | 2 | 1914 | 1/1 | 0.84 | 0.30 | 79,79,79,79 | 0 |
| 91 | MG | 6 | 2134 | 1/1 | 0.84 | 0.18 | 97,97,97,97 | 0 |
| 91 | MG | 5 | 3586 | 1/1 | 0.84 | 0.38 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3662 | 1/1 | 0.84 | 0.25 | 85,85,85,85 | 0 |
| 91 | MG | 5 | 3602 | 1/1 | 0.84 | 0.29 | 46,46,46,46 | 0 |
| 92 | OHX | 1 | 4411 | 7/7 | 0.84 | 0.22 | 104,104,104,104 | 7 |
| 91 | MG | 2 | 2061 | 1/1 | 0.84 | 0.12 | 90,90,90,90 | 0 |
| 91 | MG | M4 | 201 | 1/1 | 0.84 | 0.10 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 4061 | 1/1 | 0.84 | 0.32 | 56,56,56,56 | 1 |
| 92 | OHX | 6 | 2230 | 7/7 | 0.84 | 0.20 | 105,105,105,105 | 7 |
| 91 | MG | 6 | 2340 | 1/1 | 0.84 | 0.33 | 85,85,85,85 | 0 |
| 91 | MG | 5 | 4067 | 1/1 | 0.84 | 0.15 | 48,48,48,48 | 0 |
| 91 | MG | 2 | 1951 | 1/1 | 0.84 | 0.37 | 95,95,95,95 | 0 |
| 91 | MG | 1 | 3415 | 1/1 | 0.84 | 0.26 | 53,53,53,53 | 0 |
| 91 | MG | 6 | 2047 | 1/1 | 0.84 | 0.09 | 72,72,72,72 | 0 |
| 91 | MG | 1 | 4010 | 1/1 | 0.84 | 0.26 | 53,53,53,53 | 1 |
| 91 | MG | 6 | 2054 | 1/1 | 0.84 | 0.07 | 77,77,77,77 | 0 |
| 92 | OHX | 5 | 4444 | 7/7 | 0.84 | 0.41 | 66,66,66,66 | 7 |
| 91 | MG | 2 | 1985 | 1/1 | 0.84 | 0.23 | 83,83,83,83 | 0 |
| 91 | MG | 6 | 2061 | 1/1 | 0.84 | 0.32 | 82,82,82,82 | 0 |
| 92 | OHX | l5 | 310 | 7/7 | 0.84 | 0.27 | 83,83,83,83 | 7 |
| 91 | MG | 1 | 3554 | 1/1 | 0.84 | 0.31 | 48,48,48,48 | 0 |
| 92 | OHX | 2 | 2234 | 7/7 | 0.84 | 0.17 | 106,106,106,106 | 7 |
| 91 | MG | 1 | 4025 | 1/1 | 0.84 | 0.13 | 204,204,204,204 | 0 |
| 91 | MG | N0 | 202 | 1/1 | 0.84 | 0.23 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 4119 | 1/1 | 0.84 | 0.19 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3794 | 1/1 | 0.84 | 0.08 | 64,64,64,64 | 0 |
| 92 | OHX | 1 | 4446 | 7/7 | 0.84 | 0.45 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 4131 | 1/1 | 0.84 | 0.08 | 64,64,64,64 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 2 | 2244 | 7/7 | 0.84 | 0.15 | 147,147,147,147 | 7 |
| 91 | MG | 6 | 1936 | 1/1 | 0.84 | 0.23 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 4027 | 1/1 | 0.84 | 0.06 | 57,57,57,57 | 1 |
| 92 | OHX | 1 | 4345 | 7/7 | 0.85 | 0.24 | 76,76,76,76 | 7 |
| 92 | OHX | 1 | 4351 | 7/7 | 0.85 | 0.47 | 64,64,64,64 | 7 |
| 91 | MG | 12 | 304 | 1/1 | 0.85 | 0.20 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3712 | 1/1 | 0.85 | 0.21 | 48,48,48,48 | 1 |
| 92 | OHX | 5 | 4432 | 7/7 | 0.85 | 0.34 | 70,70,70,70 | 7 |
| 91 | MG | 1 | 3864 | 1/1 | 0.85 | 0.15 | 53,53,53,53 | 0 |
| 92 | OHX | 4 | 245 | 7/7 | 0.85 | 0.41 | 60,60,60,60 | 7 |
| 91 | MG | 1 | 4073 | 1/1 | 0.85 | 0.12 | 68,68,68,68 | 0 |
| 92 | OHX | 1 | 4362 | 7/7 | 0.85 | 0.28 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3609 | 1/1 | 0.85 | 0.34 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3444 | 1/1 | 0.85 | 0.17 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3447 | 1/1 | 0.85 | 0.22 | 44,44,44,44 | 0 |
| 92 | OHX | 5 | 4446 | 7/7 | 0.85 | 0.44 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3866 | 1/1 | 0.85 | 0.23 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3738 | 1/1 | 0.85 | 0.19 | 60,60,60,60 | 0 |
| 92 | OHX | 1 | 4373 | 7/7 | 0.85 | 0.21 | 86,86,86,86 | 7 |
| 91 | MG | 5 | 3951 | 1/1 | 0.85 | 0.19 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3455 | 1/1 | 0.85 | 0.17 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3463 | 1/1 | 0.85 | 0.25 | 68,68,68,68 | 0 |
| 91 | MG | 1 | 4078 | 1/1 | 0.85 | 0.16 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2210 | 7/7 | 0.85 | 0.27 | 90,90,90,90 | 7 |
| 92 | OHX | 1 | 4379 | 7/7 | 0.85 | 0.30 | 69,69,69,69 | 7 |
| 91 | MG | 1 | 3792 | 1/1 | 0.85 | 0.15 | 70,70,70,70 | 0 |
| 92 | OHX | 6 | 2240 | 7/7 | 0.85 | 0.32 | 82,82,82,82 | 7 |
| 92 | OHX | 5 | 4471 | 7/7 | 0.85 | 0.27 | 89,89,89,89 | 7 |
| 91 | MG | o3 | 204 | 1/1 | 0.85 | 0.33 | 51,51,51,51 | 1 |
| 91 | MG | 1 | 3871 | 1/1 | 0.85 | 0.14 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3459 | 1/1 | 0.85 | 0.23 | 57,57,57,57 | 0 |
| 92 | OHX | 1 | 4393 | 7/7 | 0.85 | 0.13 | 121,121,121,121 | 7 |
| 91 | MG | 5 | 3479 | 1/1 | 0.85 | 0.33 | 76,76,76,76 | 0 |
| 91 | MG | 1 | 3629 | 1/1 | 0.85 | 0.18 | 72,72,72,72 | 0 |
| 91 | MG | 5 | 3489 | 1/1 | 0.85 | 0.28 | 85,85,85,85 | 0 |
| 92 | OHX | 2 | 2128 | 7/7 | 0.85 | 0.21 | 107,107,107,107 | 7 |
| 92 | OHX | 1 | 4404 | 7/7 | 0.85 | 0.39 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 3989 | 1/1 | 0.85 | 0.20 | 68,68,68,68 | 1 |
| 91 | MG | 1 | 3881 | 1/1 | 0.85 | 0.14 | 75,75,75,75 | 0 |
| 92 | OHX | 2 | 2187 | 7/7 | 0.85 | 0.15 | 118,118,118,118 | 7 |
| 91 | MG | 1 | 3966 | 1/1 | 0.85 | 0.13 | 56,56,56,56 | 1 |
| 92 | OHX | 5 | 4501 | 7/7 | 0.85 | 0.35 | 75,75,75,75 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3562 | 1/1 | 0.85 | 0.32 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3678 | 1/1 | 0.85 | 0.35 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 4008 | 1/1 | 0.85 | 0.11 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3992 | 1/1 | 0.85 | 0.09 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3807 | 1/1 | 0.85 | 0.26 | 52,52,52,52 | 0 |
| 92 | OHX | 6 | 2298 | 7/7 | 0.85 | 0.13 | 162,162,162,162 | 7 |
| 92 | OHX | 2 | 2211 | 7/7 | 0.85 | 0.15 | 124,124,124,124 | 7 |
| 92 | OHX | 5 | 4517 | 7/7 | 0.85 | 0.53 | 54,54,54,54 | 7 |
| 91 | MG | 5 | 3795 | 1/1 | 0.85 | 0.21 | 68,68,68,68 | 0 |
| 91 | MG | 2 | 2039 | 1/1 | 0.85 | 0.09 | 100,100,100,100 | 0 |
| 91 | MG | 1 | 3893 | 1/1 | 0.85 | 0.30 | 82,82,82,82 | 0 |
| 91 | MG | 6 | 2033 | 1/1 | 0.85 | 0.26 | 75,75,75,75 | 0 |
| 91 | MG | 5 | 3537 | 1/1 | 0.85 | 0.24 | 58,58,58,58 | 0 |
| 92 | OHX | 5 | 4526 | 7/7 | 0.85 | 0.30 | 71,71,71,71 | 7 |
| 91 | MG | 5 | 3539 | 1/1 | 0.85 | 0.34 | 48,48,48,48 | 0 |
| 92 | OHX | 2 | 2225 | 7/7 | 0.85 | 0.29 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4530 | 7/7 | 0.85 | 0.17 | 130,130,130,130 | 7 |
| 91 | MG | 1 | 3757 | 1/1 | 0.85 | 0.18 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 3544 | 1/1 | 0.85 | 0.34 | 47,47,47,47 | 0 |
| 91 | MG | 2 | 2029 | 1/1 | 0.85 | 0.13 | 74,74,74,74 | 0 |
| 92 | OHX | 2 | 2230 | 7/7 | 0.85 | 0.21 | 97,97,97,97 | 7 |
| 91 | MG | 1 | 4019 | 1/1 | 0.85 | 0.19 | 53,53,53,53 | 1 |
| 91 | MG | 5 | 4088 | 1/1 | 0.85 | 0.32 | 44,44,44,44 | 1 |
| 91 | MG | 1 | 3760 | 1/1 | 0.85 | 0.14 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 3490 | 1/1 | 0.85 | 0.25 | 65,65,65,65 | 0 |
| 91 | MG | 1 | 3823 | 1/1 | 0.85 | 0.13 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3562 | 1/1 | 0.85 | 0.28 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3579 | 1/1 | 0.85 | 0.42 | 44,44,44,44 | 0 |
| 91 | MG | 5 | 3583 | 1/1 | 0.85 | 0.33 | 42,42,42,42 | 0 |
| 92 | OHX | 1 | 4457 | 7/7 | 0.85 | 0.39 | 61,61,61,61 | 7 |
| 91 | MG | 2 | 2042 | 1/1 | 0.85 | 0.15 | 90,90,90,90 | 0 |
| 91 | MG | 1 | 3478 | 1/1 | 0.85 | 0.25 | 62,62,62,62 | 1 |
| 91 | MG | 1 | 3837 | 1/1 | 0.85 | 0.21 | 59,59,59,59 | 1 |
| 92 | OHX | 2 | 2248 | 7/7 | 0.85 | 0.10 | 129,129,129,129 | 7 |
| 91 | MG | s8 | 301 | 1/1 | 0.85 | 0.15 | 68,68,68,68 | 0 |
| 91 | MG | 1 | 3594 | 1/1 | 0.85 | 0.29 | 44,44,44,44 | 0 |
| 91 | MG | 1 | 3839 | 1/1 | 0.85 | 0.33 | 80,80,80,80 | 1 |
| 92 | OHX | s1 | 302 | 7/7 | 0.85 | 0.16 | 109,109,109,109 | 7 |
| 91 | MG | 1 | 3480 | 1/1 | 0.85 | 0.24 | 57,57,57,57 | 0 |
| 91 | MG | 1 | 3660 | 1/1 | 0.85 | 0.07 | 65,65,65,65 | 0 |
| 92 | OHX | d4 | 201 | 7/7 | 0.85 | 0.25 | 98,98,98,98 | 7 |
| 92 | OHX | 1 | 4471 | 7/7 | 0.85 | 0.19 | 75,75,75,75 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4315 | 7/7 | 0.85 | 0.29 | 93,93,93,93 | 7 |
| 91 | MG | 5 | 3648 | 1/1 | 0.85 | 0.22 | 66,66,66,66 | 0 |
| 91 | MG | 4 | 230 | 1/1 | 0.85 | 0.26 | 52,52,52,52 | 1 |
| 92 | OHX | 5 | 4345 | 7/7 | 0.85 | 0.47 | 58,58,58,58 | 7 |
| 92 | OHX | D9 | 104 | 7/7 | 0.85 | 0.24 | 97,97,97,97 | 7 |
| 92 | OHX | 8 | 232 | 7/7 | 0.85 | 0.24 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3900 | 1/1 | 0.85 | 0.15 | 83,83,83,83 | 0 |
| 91 | MG | 5 | 4150 | 1/1 | 0.85 | 0.24 | 45,45,45,45 | 0 |
| 92 | OHX | 1 | 4482 | 7/7 | 0.85 | 0.14 | 153,153,153,153 | 7 |
| 92 | OHX | 1 | 4295 | 7/7 | 0.85 | 0.17 | 116,116,116,116 | 7 |
| 91 | MG | 5 | 3653 | 1/1 | 0.85 | 0.34 | 65,65,65,65 | 0 |
| 91 | MG | 4 | 231 | 1/1 | 0.85 | 0.13 | 98,98,98,98 | 1 |
| 92 | OHX | 1 | 4305 | 7/7 | 0.85 | 0.27 | 86,86,86,86 | 7 |
| 91 | MG | 6 | 2066 | 1/1 | 0.85 | 0.16 | 76,76,76,76 | 0 |
| 91 | MG | 1 | 4063 | 1/1 | 0.85 | 0.17 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3507 | 1/1 | 0.85 | 0.25 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3678 | 1/1 | 0.85 | 0.36 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3405 | 1/1 | 0.85 | 0.29 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3541 | 1/1 | 0.85 | 0.29 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3855 | 1/1 | 0.85 | 0.15 | 78,78,78,78 | 0 |
| 92 | OHX | 5 | 4415 | 7/7 | 0.85 | 0.30 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4418 | 7/7 | 0.85 | 0.45 | 53,53,53,53 | 7 |
| 91 | MG | 5 | 3705 | 1/1 | 0.85 | 0.19 | 79,79,79,79 | 0 |
| 91 | MG | 2 | 2017 | 1/1 | 0.85 | 0.16 | 85,85,85,85 | 0 |
| 91 | MG | 5 | 3927 | 1/1 | 0.85 | 0.10 | 70,70,70,70 | 0 |
| 91 | MG | 7 | 213 | 1/1 | 0.86 | 0.29 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3910 | 1/1 | 0.86 | 0.14 | 64,64,64,64 | 0 |
| 91 | MG | 6 | 2110 | 1/1 | 0.86 | 0.14 | 71,71,71,71 | 1 |
| 91 | MG | 5 | 3695 | 1/1 | 0.86 | 0.20 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3702 | 1/1 | 0.86 | 0.11 | 67,67,67,67 | 0 |
| 92 | OHX | 5 | 4420 | 7/7 | 0.86 | 0.26 | 72,72,72,72 | 7 |
| 91 | MG | 8 | 204 | 1/1 | 0.86 | 0.17 | 67,67,67,67 | 0 |
| 91 | MG | N3 | 202 | 1/1 | 0.86 | 0.34 | 52,52,52,52 | 0 |
| 91 | MG | 8 | 209 | 1/1 | 0.86 | 0.15 | 61,61,61,61 | 0 |
| 91 | MG | 8 | 212 | 1/1 | 0.86 | 0.33 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3921 | 1/1 | 0.86 | 0.36 | 50,50,50,50 | 0 |
| 92 | OHX | 5 | 4429 | 7/7 | 0.86 | 0.40 | 52,52,52,52 | 7 |
| 91 | MG | 5 | 3704 | 1/1 | 0.86 | 0.21 | 58,58,58,58 | 0 |
| 92 | OHX | 1 | 4347 | 7/7 | 0.86 | 0.25 | 86,86,86,86 | 7 |
| 91 | MG | 6 | 1975 | 1/1 | 0.86 | 0.14 | 74,74,74,74 | 0 |
| 91 | MG | 1 | 3987 | 1/1 | 0.86 | 0.29 | 70,70,70,70 | 0 |
| 91 | MG | 2 | 2062 | 1/1 | 0.86 | 0.07 | 112,112,112,112 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3661 | 1/1 | 0.86 | 0.12 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3994 | 1/1 | 0.86 | 0.40 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 3484 | 1/1 | 0.86 | 0.25 | 75,75,75,75 | 0 |
| 91 | MG | 5 | 3938 | 1/1 | 0.86 | 0.34 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3486 | 1/1 | 0.86 | 0.23 | 55,55,55,55 | 0 |
| 91 | MG | 6 | 2125 | 1/1 | 0.86 | 0.20 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 3566 | 1/1 | 0.86 | 0.34 | 45,45,45,45 | 0 |
| 91 | MG | m7 | 204 | 1/1 | 0.86 | 0.28 | 51,51,51,51 | 0 |
| 92 | OHX | 5 | 4452 | 7/7 | 0.86 | 0.16 | 111,111,111,111 | 7 |
| 92 | OHX | 1 | 4372 | 7/7 | 0.86 | 0.38 | 67,67,67,67 | 7 |
| 91 | MG | 6 | 1986 | 1/1 | 0.86 | 0.19 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3497 | 1/1 | 0.86 | 0.10 | 70,70,70,70 | 0 |
| 91 | MG | n3 | 201 | 1/1 | 0.86 | 0.34 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3869 | 1/1 | 0.86 | 0.11 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3768 | 1/1 | 0.86 | 0.13 | 68,68,68,68 | 1 |
| 91 | MG | 6 | 2137 | 1/1 | 0.86 | 0.17 | 71,71,71,71 | 1 |
| 91 | MG | n9 | 102 | 1/1 | 0.86 | 0.14 | 68,68,68,68 | 0 |
| 91 | MG | 1 | 3620 | 1/1 | 0.86 | 0.31 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3754 | 1/1 | 0.86 | 0.13 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3510 | 1/1 | 0.86 | 0.26 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 4080 | 1/1 | 0.86 | 0.21 | 81,81,81,81 | 0 |
| 92 | OHX | 5 | 4477 | 7/7 | 0.86 | 0.31 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3516 | 1/1 | 0.86 | 0.23 | 67,67,67,67 | 0 |
| 92 | OHX | 6 | 2265 | 7/7 | 0.86 | 0.11 | 132,132,132,132 | 7 |
| 92 | OHX | 1 | 4395 | 7/7 | 0.86 | 0.27 | 76,76,76,76 | 7 |
| 91 | MG | 5 | 3766 | 1/1 | 0.86 | 0.10 | 63,63,63,63 | 1 |
| 92 | OHX | 6 | 2273 | 7/7 | 0.86 | 0.18 | 90,90,90,90 | 7 |
| 92 | OHX | 5 | 4491 | 7/7 | 0.86 | 0.37 | 65,65,65,65 | 7 |
| 92 | OHX | 6 | 2276 | 7/7 | 0.86 | 0.26 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3520 | 1/1 | 0.86 | 0.32 | 53,53,53,53 | 0 |
| 92 | OHX | 6 | 2281 | 7/7 | 0.86 | 0.25 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3521 | 1/1 | 0.86 | 0.34 | 45,45,45,45 | 0 |
| 91 | MG | 6 | 2053 | 1/1 | 0.86 | 0.23 | 74,74,74,74 | 0 |
| 91 | MG | 1 | 3504 | 1/1 | 0.86 | 0.17 | 59,59,59,59 | 0 |
| 92 | OHX | 2 | 2188 | 7/7 | 0.86 | 0.20 | 93,93,93,93 | 7 |
| 92 | OHX | 2 | 2195 | 7/7 | 0.86 | 0.18 | 115,115,115,115 | 7 |
| 92 | OHX | 6 | 2287 | 7/7 | 0.86 | 0.24 | 85,85,85,85 | 7 |
| 91 | MG | Q0 | 203 | 1/1 | 0.86 | 0.21 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3782 | 1/1 | 0.86 | 0.33 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3784 | 1/1 | 0.86 | 0.20 | 71,71,71,71 | 0 |
| 91 | MG | 6 | 2058 | 1/1 | 0.86 | 0.12 | 64,64,64,64 | 0 |
| 92 | OHX | 6 | 2294 | 7/7 | 0.86 | 0.28 | 81,81,81,81 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3414 | 1/1 | 0.86 | 0.23 | 75,75,75,75 | 0 |
| 91 | MG | 1 | 3426 | 1/1 | 0.86 | 0.34 | 62,62,62,62 | 0 |
| 91 | MG | 6 | 1954 | 1/1 | 0.86 | 0.24 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3803 | 1/1 | 0.86 | 0.18 | 64,64,64,64 | 0 |
| 91 | MG | 1 | 3430 | 1/1 | 0.86 | 0.31 | 59,59,59,59 | 0 |
| 91 | MG | 2 | 1907 | 1/1 | 0.86 | 0.33 | 67,67,67,67 | 0 |
| 91 | MG | M0 | 302 | 1/1 | 0.86 | 0.28 | 60,60,60,60 | 0 |
| 92 | OHX | 2 | 2221 | 7/7 | 0.86 | 0.23 | 87,87,87,87 | 7 |
| 91 | MG | 1 | 3888 | 1/1 | 0.86 | 0.25 | 64,64,64,64 | 1 |
| 91 | MG | 5 | 3557 | 1/1 | 0.86 | 0.38 | 64,64,64,64 | 0 |
| 91 | MG | 1 | 3592 | 1/1 | 0.86 | 0.16 | 57,57,57,57 | 0 |
| 92 | OHX | 1 | 4439 | 7/7 | 0.86 | 0.46 | 60,60,60,60 | 7 |
| 91 | MG | d2 | 201 | 1/1 | 0.86 | 0.20 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 4046 | 1/1 | 0.86 | 0.20 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3547 | 1/1 | 0.86 | 0.27 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 4092 | 1/1 | 0.86 | 0.13 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3685 | 1/1 | 0.86 | 0.43 | 58,58,58,58 | 1 |
| 92 | OHX | 2 | 2233 | 7/7 | 0.86 | 0.20 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 3593 | 1/1 | 0.86 | 0.31 | 48,48,48,48 | 0 |
| 92 | OHX | 1 | 4451 | 7/7 | 0.86 | 0.17 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 4100 | 1/1 | 0.86 | 0.48 | 46,46,46,46 | 1 |
| 91 | MG | 5 | 4101 | 1/1 | 0.86 | 0.12 | 57,57,57,57 | 1 |
| 91 | MG | 6 | 2014 | 1/1 | 0.86 | 0.08 | 98,98,98,98 | 0 |
| 91 | MG | 1 | 3418 | 1/1 | 0.86 | 0.24 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3848 | 1/1 | 0.86 | 0.09 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4458 | 7/7 | 0.86 | 0.28 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3607 | 1/1 | 0.86 | 0.36 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3850 | 1/1 | 0.86 | 0.27 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3445 | 1/1 | 0.86 | 0.28 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3420 | 1/1 | 0.86 | 0.29 | 44,44,44,44 | 0 |
| 91 | MG | 5 | 4125 | 1/1 | 0.86 | 0.34 | 91,91,91,91 | 0 |
| 92 | OHX | 2 | 2249 | 7/7 | 0.86 | 0.11 | 144,144,144,144 | 7 |
| 91 | MG | 5 | 4130 | 1/1 | 0.86 | 0.13 | 61,61,61,61 | 0 |
| 92 | OHX | sR | 401 | 7/7 | 0.86 | 0.14 | 137,137,137,137 | 7 |
| 91 | MG | 5 | 3424 | 1/1 | 0.86 | 0.29 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4566 | 7/7 | 0.86 | 0.38 | 57,57,57,57 | 7 |
| 92 | OHX | 1 | 4468 | 7/7 | 0.86 | 0.30 | 78,78,78,78 | 7 |
| 91 | MG | 5 | 4132 | 1/1 | 0.86 | 0.16 | 57,57,57,57 | 1 |
| 92 | OHX | 5 | 4326 | 7/7 | 0.86 | 0.26 | 79,79,79,79 | 7 |
| 91 | MG | 5 | 3646 | 1/1 | 0.86 | 0.09 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 3561 | 1/1 | 0.86 | 0.21 | 59,59,59,59 | 0 |
| 92 | OHX | 5 | 4346 | 7/7 | 0.86 | 0.35 | 60,60,60,60 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3657 | 1/1 | 0.86 | 0.23 | 57,57,57,57 | 0 |
| 92 | OHX | 5 | 4355 | 7/7 | 0.86 | 0.38 | 63,63,63,63 | 7 |
| 92 | OHX | 5 | 4369 | 7/7 | 0.86 | 0.33 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4371 | 7/7 | 0.86 | 0.24 | 91,91,91,91 | 7 |
| 92 | OHX | 5 | 4377 | 7/7 | 0.86 | 0.21 | 82,82,82,82 | 7 |
| 92 | OHX | 5 | 4378 | 7/7 | 0.86 | 0.25 | 87,87,87,87 | 7 |
| 92 | OHX | l3 | 413 | 7/7 | 0.86 | 0.21 | 81,81,81,81 | 7 |
| 92 | OHX | 5 | 4380 | 7/7 | 0.86 | 0.21 | 105,105,105,105 | 7 |
| 92 | OHX | 1 | 4475 | 7/7 | 0.86 | 0.45 | 61,61,61,61 | 7 |
| 92 | OHX | S8 | 303 | 7/7 | 0.86 | 0.16 | 115,115,115,115 | 7 |
| 92 | OHX | 5 | 4387 | 7/7 | 0.86 | 0.21 | 89,89,89,89 | 7 |
| 92 | OHX | m0 | 304 | 7/7 | 0.86 | 0.24 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3438 | 1/1 | 0.86 | 0.27 | 50,50,50,50 | 0 |
| 91 | MG | 6 | 2026 | 1/1 | 0.86 | 0.12 | 70,70,70,70 | 0 |
| 91 | MG | 6 | 2105 | 1/1 | 0.86 | 0.33 | 72,72,72,72 | 0 |
| 91 | MG | 6 | 2027 | 1/1 | 0.86 | 0.23 | 68,68,68,68 | 0 |
| 92 | OHX | 1 | 4284 | 7/7 | 0.86 | 0.33 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 3699 | 1/1 | 0.86 | 0.42 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3674 | 1/1 | 0.86 | 0.24 | 56,56,56,56 | 0 |
| 91 | MG | 6 | 2031 | 1/1 | 0.86 | 0.12 | 82,82,82,82 | 1 |
| 91 | MG | 5 | 3459 | 1/1 | 0.86 | 0.12 | 58,58,58,58 | 0 |
| 92 | OHX | 1 | 4495 | 7/7 | 0.87 | 0.29 | 77,77,77,77 | 7 |
| 92 | OHX | 1 | 4496 | 7/7 | 0.87 | 0.18 | 86,86,86,86 | 7 |
| 92 | OHX | 5 | 4410 | 7/7 | 0.87 | 0.39 | 63,63,63,63 | 7 |
| 92 | OHX | 5 | 4411 | 7/7 | 0.87 | 0.35 | 61,61,61,61 | 7 |
| 91 | MG | 7 | 202 | 1/1 | 0.87 | 0.27 | 56,56,56,56 | 0 |
| 91 | MG | 5 | 3901 | 1/1 | 0.87 | 0.15 | 72,72,72,72 | 0 |
| 91 | MG | 1 | 3634 | 1/1 | 0.87 | 0.21 | 86,86,86,86 | 0 |
| 91 | MG | 7 | 216 | 1/1 | 0.87 | 0.15 | 62,62,62,62 | 1 |
| 91 | MG | 7 | 218 | 1/1 | 0.87 | 0.26 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 3437 | 1/1 | 0.87 | 0.19 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3417 | 1/1 | 0.87 | 0.31 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 4072 | 1/1 | 0.87 | 0.19 | 72,72,72,72 | 0 |
| 92 | OHX | 1 | 4316 | 7/7 | 0.87 | 0.19 | 94,94,94,94 | 7 |
| 91 | MG | 1 | 3934 | 1/1 | 0.87 | 0.10 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3935 | 1/1 | 0.87 | 0.18 | 56,56,56,56 | 1 |
| 92 | OHX | 1 | 4324 | 7/7 | 0.87 | 0.20 | 90,90,90,90 | 7 |
| 91 | MG | 1 | 3441 | 1/1 | 0.87 | 0.13 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4328 | 7/7 | 0.87 | 0.24 | 86,86,86,86 | 7 |
| 92 | OHX | 1 | 4330 | 7/7 | 0.87 | 0.20 | 93,93,93,93 | 7 |
| 92 | OHX | 5 | 4434 | 7/7 | 0.87 | 0.17 | 99,99,99,99 | 7 |
| 92 | OHX | 1 | 4334 | 7/7 | 0.87 | 0.25 | 66,66,66,66 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 8 | 211 | 1/1 | 0.87 | 0.08 | 78,78,78,78 | 0 |
| 91 | MG | 5 | 3664 | 1/1 | 0.87 | 0.49 | 54,54,54,54 | 1 |
| 91 | MG | 5 | 3433 | 1/1 | 0.87 | 0.26 | 76,76,76,76 | 0 |
| 91 | MG | 6 | 2065 | 1/1 | 0.87 | 0.10 | 60,60,60,60 | 0 |
| 91 | MG | N8 | 205 | 1/1 | 0.87 | 0.17 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3440 | 1/1 | 0.87 | 0.14 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3558 | 1/1 | 0.87 | 0.23 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3940 | 1/1 | 0.87 | 0.20 | 67,67,67,67 | 0 |
| 92 | OHX | 1 | 4356 | 7/7 | 0.87 | 0.34 | 74,74,74,74 | 7 |
| 91 | MG | 14 | 403 | 1/1 | 0.87 | 0.26 | 69,69,69,69 | 1 |
| 92 | OHX | 6 | 2222 | 7/7 | 0.87 | 0.29 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3559 | 1/1 | 0.87 | 0.27 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3747 | 1/1 | 0.87 | 0.17 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 3936 | 1/1 | 0.87 | 0.18 | 75,75,75,75 | 0 |
| 91 | MG | 1 | 3946 | 1/1 | 0.87 | 0.18 | 63,63,63,63 | 0 |
| 92 | OHX | 5 | 4463 | 7/7 | 0.87 | 0.21 | 97,97,97,97 | 7 |
| 91 | MG | 1 | 3748 | 1/1 | 0.87 | 0.08 | 57,57,57,57 | 0 |
| 92 | OHX | 5 | 4465 | 7/7 | 0.87 | 0.30 | 75,75,75,75 | 7 |
| 91 | MG | m1 | 202 | 1/1 | 0.87 | 0.31 | 76,76,76,76 | 0 |
| 91 | MG | 6 | 2082 | 1/1 | 0.87 | 0.07 | 62,62,62,62 | 0 |
| 91 | MG | 6 | 1980 | 1/1 | 0.87 | 0.08 | 85,85,85,85 | 0 |
| 92 | OHX | 6 | 2256 | 7/7 | 0.87 | 0.15 | 109,109,109,109 | 7 |
| 92 | OHX | 6 | 2258 | 7/7 | 0.87 | 0.28 | 72,72,72,72 | 7 |
| 92 | OHX | 5 | 4476 | 7/7 | 0.87 | 0.40 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 3715 | 1/1 | 0.87 | 0.10 | 67,67,67,67 | 0 |
| 91 | MG | m8 | 201 | 1/1 | 0.87 | 0.12 | 66,66,66,66 | 0 |
| 91 | MG | n0 | 202 | 1/1 | 0.87 | 0.26 | 61,61,61,61 | 0 |
| 92 | OHX | 5 | 4486 | 7/7 | 0.87 | 0.20 | 108,108,108,108 | 7 |
| 91 | MG | 2 | 2059 | 1/1 | 0.87 | 0.19 | 75,75,75,75 | 0 |
| 92 | OHX | 6 | 2270 | 7/7 | 0.87 | 0.14 | 118,118,118,118 | 7 |
| 91 | MG | 1 | 3496 | 1/1 | 0.87 | 0.21 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3476 | 1/1 | 0.87 | 0.14 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3953 | 1/1 | 0.87 | 0.20 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3564 | 1/1 | 0.87 | 0.35 | 72,72,72,72 | 0 |
| 91 | MG | 1 | 3500 | 1/1 | 0.87 | 0.54 | 60,60,60,60 | 1 |
| 92 | OHX | 1 | 4389 | 7/7 | 0.87 | 0.38 | 61,61,61,61 | 7 |
| 91 | MG | o2 | 202 | 1/1 | 0.87 | 0.19 | 47,47,47,47 | 1 |
| 91 | MG | 6 | 2091 | 1/1 | 0.87 | 0.22 | 81,81,81,81 | 0 |
| 92 | OHX | 5 | 4500 | 7/7 | 0.87 | 0.09 | 147,147,147,147 | 7 |
| 91 | MG | 1 | 3502 | 1/1 | 0.87 | 0.26 | 64,64,64,64 | 0 |
| 92 | OHX | 5 | 4502 | 7/7 | 0.87 | 0.28 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4503 | 7/7 | 0.87 | 0.31 | 64,64,64,64 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3958 | 1/1 | 0.87 | 0.11 | 56,56,56,56 | 1 |
| 91 | MG | 5 | 3744 | 1/1 | 0.87 | 0.18 | 76,76,76,76 | 0 |
| 92 | OHX | 6 | 2289 | 7/7 | 0.87 | 0.23 | 93,93,93,93 | 7 |
| 91 | MG | 3 | 202 | 1/1 | 0.87 | 0.19 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4511 | 7/7 | 0.87 | 0.32 | 81,81,81,81 | 7 |
| 91 | MG | 2 | 2045 | 1/1 | 0.87 | 0.08 | 95,95,95,95 | 0 |
| 91 | MG | 2 | 2027 | 1/1 | 0.87 | 0.11 | 90,90,90,90 | 0 |
| 91 | MG | 5 | 3977 | 1/1 | 0.87 | 0.14 | 64,64,64,64 | 1 |
| 92 | OHX | 5 | 4515 | 7/7 | 0.87 | 0.35 | 58,58,58,58 | 7 |
| 92 | OHX | 5 | 4516 | 7/7 | 0.87 | 0.18 | 82,82,82,82 | 7 |
| 92 | OHX | 6 | 2296 | 7/7 | 0.87 | 0.10 | 115,115,115,115 | 7 |
| 91 | MG | 5 | 3493 | 1/1 | 0.87 | 0.34 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3573 | 1/1 | 0.87 | 0.28 | 44,44,44,44 | 0 |
| 91 | MG | 2 | 2011 | 1/1 | 0.87 | 0.16 | 91,91,91,91 | 0 |
| 91 | MG | 1 | 3452 | 1/1 | 0.87 | 0.29 | 59,59,59,59 | 0 |
| 92 | OHX | 2 | 2196 | 7/7 | 0.87 | 0.13 | 139,139,139,139 | 7 |
| 91 | MG | 5 | 3502 | 1/1 | 0.87 | 0.09 | 62,62,62,62 | 0 |
| 91 | MG | 2 | 1928 | 1/1 | 0.87 | 0.39 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3507 | 1/1 | 0.87 | 0.28 | 78,78,78,78 | 0 |
| 91 | MG | 6 | 1918 | 1/1 | 0.87 | 0.18 | 80,80,80,80 | 0 |
| 92 | OHX | 2 | 2207 | 7/7 | 0.87 | 0.18 | 113,113,113,113 | 7 |
| 91 | MG | 1 | 3458 | 1/1 | 0.87 | 0.14 | 48,48,48,48 | 0 |
| 91 | MG | 6 | 2115 | 1/1 | 0.87 | 0.28 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3595 | 1/1 | 0.87 | 0.23 | 59,59,59,59 | 0 |
| 91 | MG | 3 | 217 | 1/1 | 0.87 | 0.49 | 64,64,64,64 | 1 |
| 92 | OHX | 1 | 4432 | 7/7 | 0.87 | 0.44 | 56,56,56,56 | 7 |
| 91 | MG | 2 | 2031 | 1/1 | 0.87 | 0.20 | 82,82,82,82 | 0 |
| 92 | OHX | 2 | 2216 | 7/7 | 0.87 | 0.31 | 95,95,95,95 | 7 |
| 91 | MG | 1 | 3875 | 1/1 | 0.87 | 0.18 | 65,65,65,65 | 0 |
| 92 | OHX | 2 | 2219 | 7/7 | 0.87 | 0.18 | 99,99,99,99 | 7 |
| 92 | OHX | 1 | 4441 | 7/7 | 0.87 | 0.08 | 186,186,186,186 | 7 |
| 91 | MG | 2 | 2066 | 1/1 | 0.87 | 0.45 | 85,85,85,85 | 1 |
| 91 | MG | 5 | 3791 | 1/1 | 0.87 | 0.12 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3531 | 1/1 | 0.87 | 0.47 | 50,50,50,50 | 0 |
| 91 | MG | 2 | 1982 | 1/1 | 0.87 | 0.23 | 74,74,74,74 | 0 |
| 91 | MG | 5 | 3801 | 1/1 | 0.87 | 0.26 | 60,60,60,60 | 1 |
| 91 | MG | 4 | 214 | 1/1 | 0.87 | 0.06 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 4012 | 1/1 | 0.87 | 0.09 | 80,80,80,80 | 0 |
| 91 | MG | 4 | 222 | 1/1 | 0.87 | 0.23 | 77,77,77,77 | 0 |
| 91 | MG | 2 | 2034 | 1/1 | 0.87 | 0.18 | 85,85,85,85 | 1 |
| 91 | MG | 1 | 3428 | 1/1 | 0.87 | 0.18 | 66,66,66,66 | 0 |
| 92 | OHX | 2 | 2232 | 7/7 | 0.87 | 0.09 | 139,139,139,139 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3690 | 1/1 | 0.87 | 0.26 | 54,54,54,54 | 0 |
| 91 | MG | 6 | 2028 | 1/1 | 0.87 | 0.28 | 70,70,70,70 | 0 |
| 91 | MG | 2 | 2058 | 1/1 | 0.87 | 0.14 | 88,88,88,88 | 0 |
| 92 | OHX | 2 | 2237 | 7/7 | 0.87 | 0.38 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3434 | 1/1 | 0.87 | 0.22 | 65,65,65,65 | 0 |
| 91 | MG | 1 | 3622 | 1/1 | 0.87 | 0.13 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 4116 | 1/1 | 0.87 | 0.27 | 64,64,64,64 | 1 |
| 91 | MG | 1 | 3712 | 1/1 | 0.87 | 0.10 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 3801 | 1/1 | 0.87 | 0.19 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3803 | 1/1 | 0.87 | 0.20 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3838 | 1/1 | 0.87 | 0.10 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 4128 | 1/1 | 0.87 | 0.24 | 45,45,45,45 | 1 |
| 92 | OHX | 5 | 4360 | 7/7 | 0.87 | 0.34 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3804 | 1/1 | 0.87 | 0.23 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3806 | 1/1 | 0.87 | 0.20 | 65,65,65,65 | 0 |
| 92 | OHX | 5 | 4373 | 7/7 | 0.87 | 0.25 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3599 | 1/1 | 0.87 | 0.27 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 3625 | 1/1 | 0.87 | 0.32 | 61,61,61,61 | 0 |
| 92 | OHX | 2 | 2252 | 7/7 | 0.87 | 0.18 | 106,106,106,106 | 7 |
| 92 | OHX | 5 | 4381 | 7/7 | 0.87 | 0.26 | 77,77,77,77 | 7 |
| 91 | MG | 1 | 4054 | 1/1 | 0.87 | 0.06 | 83,83,83,83 | 1 |
| 91 | MG | 1 | 3628 | 1/1 | 0.87 | 0.14 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3728 | 1/1 | 0.87 | 0.11 | 64,64,64,64 | 0 |
| 91 | MG | 1 | 3435 | 1/1 | 0.87 | 0.14 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3622 | 1/1 | 0.87 | 0.28 | 45,45,45,45 | 0 |
| 91 | MG | 5 | 3635 | 1/1 | 0.87 | 0.34 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3436 | 1/1 | 0.87 | 0.22 | 59,59,59,59 | 0 |
| 92 | OHX | 1 | 4225 | 7/7 | 0.87 | 0.30 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3639 | 1/1 | 0.87 | 0.32 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3633 | 1/1 | 0.87 | 0.20 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3643 | 1/1 | 0.87 | 0.11 | 49,49,49,49 | 0 |
| 92 | OHX | 2 | 2189 | 7/7 | 0.88 | 0.20 | 85,85,85,85 | 7 |
| 92 | OHX | 2 | 2192 | 7/7 | 0.88 | 0.16 | 107,107,107,107 | 7 |
| 92 | OHX | 2 | 2193 | 7/7 | 0.88 | 0.18 | 109,109,109,109 | 7 |
| 91 | MG | 1 | 3841 | 1/1 | 0.88 | 0.29 | 62,62,62,62 | 0 |
| 92 | OHX | 6 | 2249 | 7/7 | 0.88 | 0.29 | 72,72,72,72 | 7 |
| 91 | MG | 1 | 3401 | 1/1 | 0.88 | 0.25 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 3429 | 1/1 | 0.88 | 0.49 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3833 | 1/1 | 0.88 | 0.12 | 57,57,57,57 | 0 |
| 92 | OHX | 2 | 2201 | 7/7 | 0.88 | 0.12 | 127,127,127,127 | 7 |
| 91 | MG | 1 | 3471 | 1/1 | 0.88 | 0.23 | 58,58,58,58 | 0 |
| 91 | MG | 2 | 2014 | 1/1 | 0.88 | 0.15 | 71,71,71,71 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | N8 | 206 | 1/1 | 0.88 | 0.48 | 52,52,52,52 | 0 |
| 91 | MG | 1 | 4024 | 1/1 | 0.88 | 0.16 | 79,79,79,79 | 0 |
| 92 | OHX | 6 | 2268 | 7/7 | 0.88 | 0.29 | 78,78,78,78 | 7 |
| 91 | MG | 1 | 3647 | 1/1 | 0.88 | 0.15 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3473 | 1/1 | 0.88 | 0.10 | 56,56,56,56 | 0 |
| 91 | MG | 2 | 1933 | 1/1 | 0.88 | 0.20 | 82,82,82,82 | 0 |
| 91 | MG | 5 | 3861 | 1/1 | 0.88 | 0.26 | 52,52,52,52 | 1 |
| 92 | OHX | 1 | 4412 | 7/7 | 0.88 | 0.28 | 79,79,79,79 | 7 |
| 91 | MG | 5 | 3483 | 1/1 | 0.88 | 0.22 | 82,82,82,82 | 0 |
| 91 | MG | 1 | 3654 | 1/1 | 0.88 | 0.17 | 72,72,72,72 | 0 |
| 91 | MG | 5 | 4113 | 1/1 | 0.88 | 0.13 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 4042 | 1/1 | 0.88 | 0.46 | 67,67,67,67 | 1 |
| 91 | MG | 1 | 3515 | 1/1 | 0.88 | 0.35 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3886 | 1/1 | 0.88 | 0.20 | 80,80,80,80 | 0 |
| 91 | MG | 5 | 3676 | 1/1 | 0.88 | 0.26 | 86,86,86,86 | 0 |
| 91 | MG | 1 | 3407 | 1/1 | 0.88 | 0.14 | 56,56,56,56 | 0 |
| 92 | OHX | 5 | 4472 | 7/7 | 0.88 | 0.24 | 71,71,71,71 | 7 |
| 91 | MG | 2 | 2064 | 1/1 | 0.88 | 0.17 | 76,76,76,76 | 0 |
| 91 | MG | 5 | 4129 | 1/1 | 0.88 | 0.52 | 62,62,62,62 | 1 |
| 91 | MG | 4 | 205 | 1/1 | 0.88 | 0.25 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3482 | 1/1 | 0.88 | 0.20 | 53,53,53,53 | 0 |
| 91 | MG | 4 | 209 | 1/1 | 0.88 | 0.25 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 4049 | 1/1 | 0.88 | 0.13 | 67,67,67,67 | 0 |
| 92 | OHX | 5 | 4485 | 7/7 | 0.88 | 0.30 | 65,65,65,65 | 7 |
| 91 | MG | 2 | 2024 | 1/1 | 0.88 | 0.18 | 97,97,97,97 | 0 |
| 91 | MG | 5 | 3503 | 1/1 | 0.88 | 0.23 | 47,47,47,47 | 0 |
| 91 | MG | 5 | 3710 | 1/1 | 0.88 | 0.10 | 57,57,57,57 | 0 |
| 91 | MG | 1 | 3944 | 1/1 | 0.88 | 0.18 | 104,104,104,104 | 0 |
| 91 | MG | 1 | 3802 | 1/1 | 0.88 | 0.08 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 4149 | 1/1 | 0.88 | 0.14 | 49,49,49,49 | 1 |
| 92 | OHX | 1 | 4444 | 7/7 | 0.88 | 0.26 | 85,85,85,85 | 7 |
| 91 | MG | 6 | 2049 | 1/1 | 0.88 | 0.08 | 71,71,71,71 | 0 |
| 91 | MG | S8 | 302 | 1/1 | 0.88 | 0.15 | 75,75,75,75 | 0 |
| 91 | MG | 6 | 1914 | 1/1 | 0.88 | 0.24 | 56,56,56,56 | 0 |
| 91 | MG | C5 | 201 | 1/1 | 0.88 | 0.21 | 91,91,91,91 | 0 |
| 91 | MG | 1 | 3876 | 1/1 | 0.88 | 0.28 | 73,73,73,73 | 1 |
| 91 | MG | 6 | 2060 | 1/1 | 0.88 | 0.30 | 71,71,71,71 | 0 |
| 91 | MG | 2 | 1965 | 1/1 | 0.88 | 0.21 | 83,83,83,83 | 0 |
| 91 | MG | 5 | 3731 | 1/1 | 0.88 | 0.19 | 54,54,54,54 | 0 |
| 91 | MG | 6 | 1919 | 1/1 | 0.88 | 0.31 | 79,79,79,79 | 0 |
| 91 | MG | 5 | 3736 | 1/1 | 0.88 | 0.29 | 84,84,84,84 | 0 |
| 92 | OHX | 5 | 4508 | 7/7 | 0.88 | 0.12 | 117,117,117,117 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 6 | 1989 | 1/1 | 0.88 | 0.16 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3536 | 1/1 | 0.88 | 0.30 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3608 | 1/1 | 0.88 | 0.30 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 3809 | 1/1 | 0.88 | 0.22 | 56,56,56,56 | 1 |
| 91 | MG | 1 | 3488 | 1/1 | 0.88 | 0.21 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 3751 | 1/1 | 0.88 | 0.07 | 129,129,129,129 | 0 |
| 91 | MG | 6 | 2069 | 1/1 | 0.88 | 0.15 | 59,59,59,59 | 0 |
| 92 | OHX | C5 | 202 | 7/7 | 0.88 | 0.16 | 123,123,123,123 | 7 |
| 91 | MG | 1 | 3552 | 1/1 | 0.88 | 0.22 | 44,44,44,44 | 0 |
| 92 | OHX | 5 | 4518 | 7/7 | 0.88 | 0.31 | 61,61,61,61 | 7 |
| 92 | OHX | 1 | 4197 | 7/7 | 0.88 | 0.35 | 66,66,66,66 | 7 |
| 91 | MG | D3 | 201 | 1/1 | 0.88 | 0.22 | 75,75,75,75 | 0 |
| 92 | OHX | 1 | 4251 | 7/7 | 0.88 | 0.21 | 107,107,107,107 | 7 |
| 92 | OHX | 1 | 4469 | 7/7 | 0.88 | 0.35 | 66,66,66,66 | 7 |
| 91 | MG | 1 | 3889 | 1/1 | 0.88 | 0.20 | 69,69,69,69 | 0 |
| 91 | MG | 8 | 219 | 1/1 | 0.88 | 0.30 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4262 | 7/7 | 0.88 | 0.26 | 76,76,76,76 | 7 |
| 91 | MG | 1 | 3673 | 1/1 | 0.88 | 0.15 | 59,59,59,59 | 0 |
| 92 | OHX | 5 | 4529 | 7/7 | 0.88 | 0.12 | 126,126,126,126 | 7 |
| 92 | OHX | 1 | 4287 | 7/7 | 0.88 | 0.25 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4275 | 7/7 | 0.88 | 0.17 | 128,128,128,128 | 7 |
| 92 | OHX | 5 | 4291 | 7/7 | 0.88 | 0.37 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3416 | 1/1 | 0.88 | 0.20 | 49,49,49,49 | 0 |
| 92 | OHX | 5 | 4317 | 7/7 | 0.88 | 0.25 | 103,103,103,103 | 7 |
| 92 | OHX | 5 | 4322 | 7/7 | 0.88 | 0.24 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4478 | 7/7 | 0.88 | 0.25 | 112,112,112,112 | 7 |
| 91 | MG | 1 | 3676 | 1/1 | 0.88 | 0.15 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4331 | 7/7 | 0.88 | 0.30 | 75,75,75,75 | 7 |
| 92 | OHX | 1 | 4302 | 7/7 | 0.88 | 0.38 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4342 | 7/7 | 0.88 | 0.32 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3559 | 1/1 | 0.88 | 0.28 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3963 | 1/1 | 0.88 | 0.16 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 3561 | 1/1 | 0.88 | 0.32 | 58,58,58,58 | 0 |
| 91 | MG | 2 | 1906 | 1/1 | 0.88 | 0.19 | 73,73,73,73 | 0 |
| 92 | OHX | 1 | 4309 | 7/7 | 0.88 | 0.24 | 83,83,83,83 | 7 |
| 92 | OHX | 5 | 4362 | 7/7 | 0.88 | 0.28 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4364 | 7/7 | 0.88 | 0.30 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3571 | 1/1 | 0.88 | 0.31 | 49,49,49,49 | 0 |
| 92 | OHX | 1 | 4314 | 7/7 | 0.88 | 0.24 | 74,74,74,74 | 7 |
| 91 | MG | 19 | 202 | 1/1 | 0.88 | 0.29 | 61,61,61,61 | 1 |
| 92 | OHX | 5 | 4375 | 7/7 | 0.88 | 0.23 | 82,82,82,82 | 7 |
| 91 | MG | 1 | 3989 | 1/1 | 0.88 | 0.21 | 62,62,62,62 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | m0 | 301 | 1/1 | 0.88 | 0.33 | 47,47,47,47 | 0 |
| 91 | MG | 1 | 3990 | 1/1 | 0.88 | 0.13 | 84,84,84,84 | 0 |
| 91 | MG | 5 | 3787 | 1/1 | 0.88 | 0.31 | 80,80,80,80 | 0 |
| 91 | MG | 5 | 3585 | 1/1 | 0.88 | 0.28 | 45,45,45,45 | 0 |
| 92 | OHX | 5 | 4384 | 7/7 | 0.88 | 0.17 | 101,101,101,101 | 7 |
| 91 | MG | 5 | 3982 | 1/1 | 0.88 | 0.30 | 64,64,64,64 | 0 |
| 92 | OHX | 7 | 235 | 7/7 | 0.88 | 0.23 | 89,89,89,89 | 7 |
| 91 | MG | 5 | 3983 | 1/1 | 0.88 | 0.50 | 58,58,58,58 | 1 |
| 91 | MG | 6 | 2085 | 1/1 | 0.88 | 0.18 | 67,67,67,67 | 1 |
| 91 | MG | 6 | 2006 | 1/1 | 0.88 | 0.11 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 3434 | 1/1 | 0.88 | 0.30 | 50,50,50,50 | 1 |
| 91 | MG | M6 | 202 | 1/1 | 0.88 | 0.17 | 53,53,53,53 | 1 |
| 91 | MG | 2 | 1905 | 1/1 | 0.88 | 0.30 | 72,72,72,72 | 0 |
| 91 | MG | 5 | 3605 | 1/1 | 0.88 | 0.30 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 3498 | 1/1 | 0.88 | 0.20 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 4010 | 1/1 | 0.88 | 0.08 | 83,83,83,83 | 0 |
| 91 | MG | 5 | 3806 | 1/1 | 0.88 | 0.36 | 78,78,78,78 | 0 |
| 92 | OHX | 5 | 4406 | 7/7 | 0.88 | 0.44 | 55,55,55,55 | 7 |
| 91 | MG | 1 | 3454 | 1/1 | 0.88 | 0.23 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3445 | 1/1 | 0.88 | 0.22 | 47,47,47,47 | 0 |
| 91 | MG | 6 | 2098 | 1/1 | 0.88 | 0.28 | 68,68,68,68 | 1 |
| 91 | MG | 5 | 4047 | 1/1 | 0.88 | 0.23 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 4053 | 1/1 | 0.88 | 0.07 | 62,62,62,62 | 0 |
| 91 | MG | q1 | 101 | 1/1 | 0.88 | 0.13 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 4054 | 1/1 | 0.88 | 0.17 | 71,71,71,71 | 0 |
| 91 | MG | 2 | 1977 | 1/1 | 0.88 | 0.44 | 82,82,82,82 | 0 |
| 92 | OHX | m7 | 208 | 7/7 | 0.88 | 0.24 | 63,63,63,63 | 7 |
| 92 | OHX | 2 | 2157 | 7/7 | 0.88 | 0.19 | 113,113,113,113 | 7 |
| 91 | MG | 5 | 3629 | 1/1 | 0.88 | 0.14 | 64,64,64,64 | 0 |
| 92 | OHX | A | 101 | 7/7 | 0.88 | 0.18 | 112,112,112,112 | 7 |
| 92 | OHX | 2 | 2170 | 7/7 | 0.88 | 0.19 | 94,94,94,94 | 7 |
| 91 | MG | 1 | 3427 | 1/1 | 0.88 | 0.25 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 4062 | 1/1 | 0.88 | 0.17 | 56,56,56,56 | 1 |
| 91 | MG | 5 | 3824 | 1/1 | 0.88 | 0.25 | 67,67,67,67 | 0 |
| 91 | MG | 6 | 1948 | 1/1 | 0.89 | 0.30 | 53,53,53,53 | 0 |
| 91 | MG | M8 | 201 | 1/1 | 0.89 | 0.38 | 53,53,53,53 | 1 |
| 91 | MG | 5 | 3481 | 1/1 | 0.89 | 0.20 | 45,45,45,45 | 0 |
| 91 | MG | 2 | 2036 | 1/1 | 0.89 | 0.23 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3600 | 1/1 | 0.89 | 0.30 | 47,47,47,47 | 0 |
| 92 | OHX | 5 | 4383 | 7/7 | 0.89 | 0.33 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3461 | 1/1 | 0.89 | 0.26 | 52,52,52,52 | 0 |
| 91 | MG | 6 | 2124 | 1/1 | 0.89 | 0.16 | 73,73,73,73 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4142 | 1/1 | 0.89 | 0.31 | 51,51,51,51 | 1 |
| 92 | OHX | 5 | 4390 | 7/7 | 0.89 | 0.29 | 66,66,66,66 | 7 |
| 91 | MG | 1 | 3526 | 1/1 | 0.89 | 0.27 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3832 | 1/1 | 0.89 | 0.14 | 57,57,57,57 | 0 |
| 91 | MG | 6 | 2035 | 1/1 | 0.89 | 0.10 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3700 | 1/1 | 0.89 | 0.20 | 75,75,75,75 | 0 |
| 92 | OHX | 1 | 4474 | 7/7 | 0.89 | 0.24 | 77,77,77,77 | 7 |
| 91 | MG | 5 | 3494 | 1/1 | 0.89 | 0.21 | 64,64,64,64 | 0 |
| 91 | MG | 6 | 2132 | 1/1 | 0.89 | 0.14 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 4001 | 1/1 | 0.89 | 0.27 | 67,67,67,67 | 1 |
| 92 | OHX | 5 | 4404 | 7/7 | 0.89 | 0.28 | 62,62,62,62 | 7 |
| 91 | MG | 1 | 3835 | 1/1 | 0.89 | 0.12 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3912 | 1/1 | 0.89 | 0.11 | 89,89,89,89 | 0 |
| 91 | MG | 7 | 204 | 1/1 | 0.89 | 0.32 | 65,65,65,65 | 0 |
| 91 | MG | 7 | 206 | 1/1 | 0.89 | 0.38 | 43,43,43,43 | 0 |
| 91 | MG | 5 | 3501 | 1/1 | 0.89 | 0.17 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3697 | 1/1 | 0.89 | 0.26 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3563 | 1/1 | 0.89 | 0.33 | 52,52,52,52 | 0 |
| 92 | OHX | 1 | 4489 | 7/7 | 0.89 | 0.28 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 3700 | 1/1 | 0.89 | 0.07 | 81,81,81,81 | 0 |
| 92 | OHX | 1 | 4203 | 7/7 | 0.89 | 0.33 | 75,75,75,75 | 7 |
| 92 | OHX | 1 | 4222 | 7/7 | 0.89 | 0.29 | 80,80,80,80 | 7 |
| 91 | MG | 7 | 221 | 1/1 | 0.89 | 0.21 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3915 | 1/1 | 0.89 | 0.30 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3772 | 1/1 | 0.89 | 0.16 | 59,59,59,59 | 1 |
| 92 | OHX | 5 | 4426 | 7/7 | 0.89 | 0.32 | 64,64,64,64 | 7 |
| 91 | MG | 7 | 226 | 1/1 | 0.89 | 0.20 | 64,64,64,64 | 1 |
| 91 | MG | 6 | 2046 | 1/1 | 0.89 | 0.16 | 84,84,84,84 | 0 |
| 92 | OHX | 1 | 4265 | 7/7 | 0.89 | 0.27 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4501 | 7/7 | 0.89 | 0.24 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4274 | 7/7 | 0.89 | 0.31 | 67,67,67,67 | 7 |
| 91 | MG | 8 | 202 | 1/1 | 0.89 | 0.09 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3917 | 1/1 | 0.89 | 0.07 | 68,68,68,68 | 0 |
| 91 | MG | 8 | 205 | 1/1 | 0.89 | 0.26 | 61,61,61,61 | 0 |
| 92 | OHX | 1 | 4296 | 7/7 | 0.89 | 0.22 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3468 | 1/1 | 0.89 | 0.25 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3932 | 1/1 | 0.89 | 0.14 | 59,59,59,59 | 1 |
| 91 | MG | s8 | 304 | 1/1 | 0.89 | 0.15 | 74,74,74,74 | 0 |
| 91 | MG | 5 | 3727 | 1/1 | 0.89 | 0.12 | 61,61,61,61 | 0 |
| 91 | MG | 8 | 213 | 1/1 | 0.89 | 0.22 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4447 | 7/7 | 0.89 | 0.25 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3713 | 1/1 | 0.89 | 0.10 | 66,66,66,66 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3525 | 1/1 | 0.89 | 0.33 | 41,41,41,41 | 0 |
| 91 | MG | 8 | 218 | 1/1 | 0.89 | 0.07 | 79,79,79,79 | 0 |
| 91 | MG | 5 | 3734 | 1/1 | 0.89 | 0.35 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 3924 | 1/1 | 0.89 | 0.10 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4456 | 7/7 | 0.89 | 0.28 | 58,58,58,58 | 7 |
| 92 | OHX | 5 | 4458 | 7/7 | 0.89 | 0.59 | 51,51,51,51 | 7 |
| 91 | MG | 1 | 3926 | 1/1 | 0.89 | 0.20 | 84,84,84,84 | 1 |
| 91 | MG | 5 | 3740 | 1/1 | 0.89 | 0.11 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3528 | 1/1 | 0.89 | 0.19 | 54,54,54,54 | 0 |
| 91 | MG | 6 | 2055 | 1/1 | 0.89 | 0.20 | 59,59,59,59 | 0 |
| 91 | MG | 3 | 216 | 1/1 | 0.89 | 0.11 | 93,93,93,93 | 0 |
| 91 | MG | 1 | 4031 | 1/1 | 0.89 | 0.15 | 55,55,55,55 | 0 |
| 91 | MG | 15 | 306 | 1/1 | 0.89 | 0.08 | 64,64,64,64 | 0 |
| 92 | OHX | 6 | 2213 | 7/7 | 0.89 | 0.22 | 103,103,103,103 | 7 |
| 92 | OHX | 1 | 4332 | 7/7 | 0.89 | 0.21 | 101,101,101,101 | 7 |
| 92 | OHX | 6 | 2229 | 7/7 | 0.89 | 0.25 | 77,77,77,77 | 7 |
| 91 | MG | 1 | 4035 | 1/1 | 0.89 | 0.30 | 62,62,62,62 | 1 |
| 91 | MG | 1 | 3779 | 1/1 | 0.89 | 0.12 | 55,55,55,55 | 0 |
| 92 | OHX | 6 | 2238 | 7/7 | 0.89 | 0.15 | 114,114,114,114 | 7 |
| 91 | MG | 5 | 3961 | 1/1 | 0.89 | 0.10 | 94,94,94,94 | 0 |
| 91 | MG | 1 | 3780 | 1/1 | 0.89 | 0.11 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3615 | 1/1 | 0.89 | 0.18 | 55,55,55,55 | 0 |
| 92 | OHX | 1 | 4346 | 7/7 | 0.89 | 0.24 | 76,76,76,76 | 7 |
| 91 | MG | 5 | 3402 | 1/1 | 0.89 | 0.19 | 60,60,60,60 | 0 |
| 92 | OHX | 1 | 4350 | 7/7 | 0.89 | 0.26 | 55,55,55,55 | 7 |
| 91 | MG | m3 | 201 | 1/1 | 0.89 | 0.25 | 66,66,66,66 | 1 |
| 92 | OHX | 6 | 2255 | 7/7 | 0.89 | 0.25 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3761 | 1/1 | 0.89 | 0.09 | 63,63,63,63 | 0 |
| 92 | OHX | 1 | 4353 | 7/7 | 0.89 | 0.35 | 59,59,59,59 | 7 |
| 91 | MG | 6 | 1909 | 1/1 | 0.89 | 0.29 | 61,61,61,61 | 0 |
| 92 | OHX | 6 | 2264 | 7/7 | 0.89 | 0.14 | 110,110,110,110 | 7 |
| 91 | MG | 5 | 3407 | 1/1 | 0.89 | 0.19 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3617 | 1/1 | 0.89 | 0.17 | 71,71,71,71 | 0 |
| 92 | OHX | 1 | 4358 | 7/7 | 0.89 | 0.22 | 75,75,75,75 | 7 |
| 91 | MG | 5 | 3976 | 1/1 | 0.89 | 0.07 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3727 | 1/1 | 0.89 | 0.09 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3785 | 1/1 | 0.89 | 0.43 | 52,52,52,52 | 0 |
| 92 | OHX | 6 | 2275 | 7/7 | 0.89 | 0.17 | 102,102,102,102 | 7 |
| 92 | OHX | 1 | 4364 | 7/7 | 0.89 | 0.37 | 60,60,60,60 | 7 |
| 91 | MG | 5 | 3560 | 1/1 | 0.89 | 0.29 | 66,66,66,66 | 0 |
| 91 | MG | 4 | 219 | 1/1 | 0.89 | 0.16 | 76,76,76,76 | 0 |
| 92 | OHX | 5 | 4506 | 7/7 | 0.89 | 0.18 | 91,91,91,91 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3992 | 1/1 | 0.89 | 0.11 | 70,70,70,70 | 1 |
| 91 | MG | 5 | 3780 | 1/1 | 0.89 | 0.24 | 53,53,53,53 | 0 |
| 91 | MG | 2 | 2047 | 1/1 | 0.89 | 0.15 | 99,99,99,99 | 0 |
| 91 | MG | o3 | 203 | 1/1 | 0.89 | 0.12 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 4000 | 1/1 | 0.89 | 0.25 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 4003 | 1/1 | 0.89 | 0.14 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3567 | 1/1 | 0.89 | 0.26 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3536 | 1/1 | 0.89 | 0.21 | 46,46,46,46 | 0 |
| 91 | MG | 5 | 3576 | 1/1 | 0.89 | 0.35 | 44,44,44,44 | 0 |
| 92 | OHX | 1 | 4382 | 7/7 | 0.89 | 0.25 | 71,71,71,71 | 7 |
| 91 | MG | 1 | 3505 | 1/1 | 0.89 | 0.15 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3581 | 1/1 | 0.89 | 0.26 | 47,47,47,47 | 0 |
| 92 | OHX | 6 | 2295 | 7/7 | 0.89 | 0.24 | 75,75,75,75 | 7 |
| 91 | MG | 5 | 3792 | 1/1 | 0.89 | 0.10 | 54,54,54,54 | 0 |
| 92 | OHX | 2 | 2137 | 7/7 | 0.89 | 0.25 | 76,76,76,76 | 7 |
| 92 | OHX | 2 | 2151 | 7/7 | 0.89 | 0.23 | 81,81,81,81 | 7 |
| 91 | MG | 5 | 4019 | 1/1 | 0.89 | 0.21 | 51,51,51,51 | 1 |
| 92 | OHX | 2 | 2160 | 7/7 | 0.89 | 0.26 | 87,87,87,87 | 7 |
| 92 | OHX | 6 | 2302 | 7/7 | 0.89 | 0.15 | 124,124,124,124 | 7 |
| 91 | MG | 5 | 4030 | 1/1 | 0.89 | 0.19 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3793 | 1/1 | 0.89 | 0.11 | 66,66,66,66 | 0 |
| 92 | OHX | 1 | 4397 | 7/7 | 0.89 | 0.15 | 107,107,107,107 | 7 |
| 92 | OHX | 2 | 2172 | 7/7 | 0.89 | 0.18 | 102,102,102,102 | 7 |
| 91 | MG | 5 | 4035 | 1/1 | 0.89 | 0.17 | 62,62,62,62 | 0 |
| 92 | OHX | 2 | 2174 | 7/7 | 0.89 | 0.24 | 83,83,83,83 | 7 |
| 92 | OHX | 6 | 2310 | 7/7 | 0.89 | 0.20 | 93,93,93,93 | 7 |
| 92 | OHX | 6 | 2311 | 7/7 | 0.89 | 0.19 | 92,92,92,92 | 7 |
| 92 | OHX | 1 | 4406 | 7/7 | 0.89 | 0.31 | 70,70,70,70 | 7 |
| 92 | OHX | 2 | 2186 | 7/7 | 0.89 | 0.19 | 113,113,113,113 | 7 |
| 92 | OHX | 1 | 4409 | 7/7 | 0.89 | 0.20 | 90,90,90,90 | 7 |
| 92 | OHX | 1 | 4410 | 7/7 | 0.89 | 0.13 | 116,116,116,116 | 7 |
| 91 | MG | 5 | 3582 | 1/1 | 0.89 | 0.28 | 47,47,47,47 | 0 |
| 91 | MG | 5 | 3422 | 1/1 | 0.89 | 0.32 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 3584 | 1/1 | 0.89 | 0.31 | 53,53,53,53 | 0 |
| 92 | OHX | 2 | 2190 | 7/7 | 0.89 | 0.26 | 79,79,79,79 | 7 |
| 91 | MG | 1 | 4055 | 1/1 | 0.89 | 0.07 | 67,67,67,67 | 0 |
| 91 | MG | 2 | 1940 | 1/1 | 0.89 | 0.19 | 86,86,86,86 | 0 |
| 92 | OHX | 5 | 4552 | 7/7 | 0.89 | 0.23 | 71,71,71,71 | 7 |
| 91 | MG | 1 | 3448 | 1/1 | 0.89 | 0.27 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3575 | 1/1 | 0.89 | 0.26 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3594 | 1/1 | 0.89 | 0.18 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4422 | 7/7 | 0.89 | 0.29 | 65,65,65,65 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3669 | 1/1 | 0.89 | 0.23 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2333 | 7/7 | 0.89 | 0.12 | 123,123,123,123 | 7 |
| 92 | OHX | 2 | 2199 | 7/7 | 0.89 | 0.16 | 107,107,107,107 | 7 |
| 92 | OHX | 1 | 4426 | 7/7 | 0.89 | 0.12 | 119,119,119,119 | 7 |
| 91 | MG | 1 | 4068 | 1/1 | 0.89 | 0.15 | 74,74,74,74 | 0 |
| 91 | MG | 6 | 1928 | 1/1 | 0.89 | 0.29 | 60,60,60,60 | 0 |
| 92 | OHX | 2 | 2204 | 7/7 | 0.89 | 0.12 | 134,134,134,134 | 7 |
| 91 | MG | 5 | 3822 | 1/1 | 0.89 | 0.22 | 56,56,56,56 | 0 |
| 91 | MG | 5 | 4075 | 1/1 | 0.89 | 0.18 | 60,60,60,60 | 0 |
| 91 | MG | L3 | 406 | 1/1 | 0.89 | 0.27 | 65,65,65,65 | 1 |
| 92 | OHX | 1 | 4436 | 7/7 | 0.89 | 0.62 | 55,55,55,55 | 7 |
| 91 | MG | 1 | 3438 | 1/1 | 0.89 | 0.16 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3440 | 1/1 | 0.89 | 0.19 | 50,50,50,50 | 0 |
| 92 | OHX | 5 | 4284 | 7/7 | 0.89 | 0.30 | 52,52,52,52 | 7 |
| 91 | MG | 1 | 3877 | 1/1 | 0.89 | 0.37 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4301 | 7/7 | 0.89 | 0.31 | 69,69,69,69 | 7 |
| 91 | MG | 1 | 3742 | 1/1 | 0.89 | 0.19 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 4095 | 1/1 | 0.89 | 0.17 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3454 | 1/1 | 0.89 | 0.20 | 46,46,46,46 | 0 |
| 91 | MG | M3 | 203 | 1/1 | 0.89 | 0.07 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3637 | 1/1 | 0.89 | 0.09 | 63,63,63,63 | 0 |
| 92 | OHX | 15 | 308 | 7/7 | 0.89 | 0.15 | 107,107,107,107 | 7 |
| 91 | MG | 2 | 2049 | 1/1 | 0.89 | 0.23 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3556 | 1/1 | 0.89 | 0.27 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3845 | 1/1 | 0.89 | 0.22 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3464 | 1/1 | 0.89 | 0.19 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3853 | 1/1 | 0.89 | 0.30 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 4115 | 1/1 | 0.89 | 0.19 | 72,72,72,72 | 0 |
| 91 | MG | 2 | 2043 | 1/1 | 0.89 | 0.10 | 105,105,105,105 | 1 |
| 92 | OHX | 1 | 4454 | 7/7 | 0.89 | 0.19 | 98,98,98,98 | 7 |
| 91 | MG | 1 | 3680 | 1/1 | 0.89 | 0.10 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3519 | 1/1 | 0.89 | 0.36 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3473 | 1/1 | 0.89 | 0.25 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3643 | 1/1 | 0.89 | 0.08 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3644 | 1/1 | 0.89 | 0.22 | 57,57,57,57 | 0 |
| 92 | OHX | 5 | 4374 | 7/7 | 0.89 | 0.24 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 3877 | 1/1 | 0.89 | 0.29 | 63,63,63,63 | 0 |
| 92 | OHX | 5 | 4400 | 7/7 | 0.90 | 0.20 | 79,79,79,79 | 7 |
| 92 | OHX | 1 | 4319 | 7/7 | 0.90 | 0.23 | 86,86,86,86 | 7 |
| 91 | MG | 5 | 3425 | 1/1 | 0.90 | 0.16 | 57,57,57,57 | 0 |
| 91 | MG | 1 | 3773 | 1/1 | 0.90 | 0.29 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3428 | 1/1 | 0.90 | 0.16 | 57,57,57,57 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3564 | 1/1 | 0.90 | 0.14 | 61,61,61,61 | 0 |
| 92 | OHX | 4 | 244 | 7/7 | 0.90 | 0.21 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 3566 | 1/1 | 0.90 | 0.24 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3542 | 1/1 | 0.90 | 0.27 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 3901 | 1/1 | 0.90 | 0.19 | 54,54,54,54 | 1 |
| 91 | MG | 5 | 3572 | 1/1 | 0.90 | 0.36 | 48,48,48,48 | 0 |
| 91 | MG | 6 | 2013 | 1/1 | 0.90 | 0.09 | 66,66,66,66 | 1 |
| 91 | MG | 5 | 3987 | 1/1 | 0.90 | 0.26 | 52,52,52,52 | 0 |
| 91 | MG | m7 | 203 | 1/1 | 0.90 | 0.31 | 48,48,48,48 | 0 |
| 92 | OHX | 5 | 4422 | 7/7 | 0.90 | 0.28 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 3774 | 1/1 | 0.90 | 0.15 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3991 | 1/1 | 0.90 | 0.12 | 60,60,60,60 | 1 |
| 91 | MG | 6 | 2096 | 1/1 | 0.90 | 0.17 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3993 | 1/1 | 0.90 | 0.22 | 56,56,56,56 | 0 |
| 91 | MG | 5 | 3439 | 1/1 | 0.90 | 0.18 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3836 | 1/1 | 0.90 | 0.15 | 66,66,66,66 | 1 |
| 92 | OHX | O7 | 109 | 7/7 | 0.90 | 0.30 | 62,62,62,62 | 7 |
| 92 | OHX | 6 | 2203 | 7/7 | 0.90 | 0.22 | 79,79,79,79 | 7 |
| 92 | OHX | 6 | 2207 | 7/7 | 0.90 | 0.21 | 100,100,100,100 | 7 |
| 91 | MG | 6 | 2016 | 1/1 | 0.90 | 0.09 | 97,97,97,97 | 0 |
| 91 | MG | 5 | 4002 | 1/1 | 0.90 | 0.22 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 4083 | 1/1 | 0.90 | 0.12 | 53,53,53,53 | 0 |
| 91 | MG | 6 | 2104 | 1/1 | 0.90 | 0.16 | 100,100,100,100 | 0 |
| 92 | OHX | 5 | 4438 | 7/7 | 0.90 | 0.10 | 133,133,133,133 | 7 |
| 91 | MG | M7 | 201 | 1/1 | 0.90 | 0.20 | 55,55,55,55 | 1 |
| 91 | MG | 1 | 3571 | 1/1 | 0.90 | 0.35 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3546 | 1/1 | 0.90 | 0.24 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 4087 | 1/1 | 0.90 | 0.12 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 4000 | 1/1 | 0.90 | 0.16 | 63,63,63,63 | 1 |
| 92 | OHX | 6 | 2247 | 7/7 | 0.90 | 0.19 | 89,89,89,89 | 7 |
| 91 | MG | 5 | 3797 | 1/1 | 0.90 | 0.16 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 4022 | 1/1 | 0.90 | 0.13 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 4024 | 1/1 | 0.90 | 0.91 | 47,47,47,47 | 1 |
| 92 | OHX | 1 | 4369 | 7/7 | 0.90 | 0.25 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 4025 | 1/1 | 0.90 | 0.18 | 45,45,45,45 | 0 |
| 91 | MG | 5 | 3600 | 1/1 | 0.90 | 0.34 | 50,50,50,50 | 0 |
| 92 | OHX | 2 | 2136 | 7/7 | 0.90 | 0.23 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3601 | 1/1 | 0.90 | 0.27 | 44,44,44,44 | 0 |
| 91 | MG | 5 | 3802 | 1/1 | 0.90 | 0.16 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 3461 | 1/1 | 0.90 | 0.24 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3574 | 1/1 | 0.90 | 0.12 | 66,66,66,66 | 0 |
| 92 | OHX | 2 | 2164 | 7/7 | 0.90 | 0.17 | 100,100,100,100 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3514 | 1/1 | 0.90 | 0.30 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 4048 | 1/1 | 0.90 | 0.49 | 57,57,57,57 | 1 |
| 92 | OHX | 1 | 4384 | 7/7 | 0.90 | 0.17 | 90,90,90,90 | 7 |
| 91 | MG | 5 | 3807 | 1/1 | 0.90 | 0.20 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4386 | 7/7 | 0.90 | 0.24 | 76,76,76,76 | 7 |
| 91 | MG | 5 | 3808 | 1/1 | 0.90 | 0.19 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 4055 | 1/1 | 0.90 | 0.12 | 55,55,55,55 | 1 |
| 92 | OHX | 2 | 2183 | 7/7 | 0.90 | 0.17 | 99,99,99,99 | 7 |
| 91 | MG | 1 | 3582 | 1/1 | 0.90 | 0.35 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3735 | 1/1 | 0.90 | 0.11 | 73,73,73,73 | 0 |
| 92 | OHX | 5 | 4478 | 7/7 | 0.90 | 0.27 | 78,78,78,78 | 7 |
| 91 | MG | 5 | 3812 | 1/1 | 0.90 | 0.10 | 73,73,73,73 | 1 |
| 91 | MG | 2 | 2067 | 1/1 | 0.90 | 0.06 | 83,83,83,83 | 0 |
| 91 | MG | 5 | 3618 | 1/1 | 0.90 | 0.16 | 46,46,46,46 | 0 |
| 91 | MG | 5 | 3621 | 1/1 | 0.90 | 0.19 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3553 | 1/1 | 0.90 | 0.23 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3623 | 1/1 | 0.90 | 0.18 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3625 | 1/1 | 0.90 | 0.13 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3475 | 1/1 | 0.90 | 0.22 | 60,60,60,60 | 0 |
| 91 | MG | 3 | 206 | 1/1 | 0.90 | 0.35 | 47,47,47,47 | 0 |
| 91 | MG | 6 | 2121 | 1/1 | 0.90 | 0.09 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 3517 | 1/1 | 0.90 | 0.23 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3593 | 1/1 | 0.90 | 0.32 | 46,46,46,46 | 0 |
| 92 | OHX | 5 | 4497 | 7/7 | 0.90 | 0.19 | 85,85,85,85 | 7 |
| 91 | MG | 1 | 3740 | 1/1 | 0.90 | 0.18 | 90,90,90,90 | 0 |
| 92 | OHX | 1 | 4414 | 7/7 | 0.90 | 0.15 | 112,112,112,112 | 7 |
| 91 | MG | 6 | 2128 | 1/1 | 0.90 | 0.10 | 89,89,89,89 | 0 |
| 91 | MG | 5 | 3841 | 1/1 | 0.90 | 0.21 | 73,73,73,73 | 0 |
| 91 | MG | 3 | 210 | 1/1 | 0.90 | 0.23 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3844 | 1/1 | 0.90 | 0.23 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 3485 | 1/1 | 0.90 | 0.29 | 71,71,71,71 | 0 |
| 92 | OHX | 2 | 2212 | 7/7 | 0.90 | 0.11 | 148,148,148,148 | 7 |
| 91 | MG | 5 | 4106 | 1/1 | 0.90 | 0.28 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3927 | 1/1 | 0.90 | 0.12 | 62,62,62,62 | 1 |
| 91 | MG | 1 | 3555 | 1/1 | 0.90 | 0.29 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3654 | 1/1 | 0.90 | 0.16 | 49,49,49,49 | 0 |
| 91 | MG | 2 | 2007 | 1/1 | 0.90 | 0.26 | 79,79,79,79 | 1 |
| 91 | MG | 5 | 3860 | 1/1 | 0.90 | 0.37 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3657 | 1/1 | 0.90 | 0.28 | 63,63,63,63 | 0 |
| 92 | OHX | 6 | 2315 | 7/7 | 0.90 | 0.16 | 120,120,120,120 | 7 |
| 91 | MG | 5 | 3658 | 1/1 | 0.90 | 0.19 | 65,65,65,65 | 0 |
| 91 | MG | 6 | 2136 | 1/1 | 0.90 | 0.13 | 65,65,65,65 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4433 | 7/7 | 0.90 | 0.21 | 87,87,87,87 | 7 |
| 91 | MG | 1 | 3432 | 1/1 | 0.90 | 0.18 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 4032 | 1/1 | 0.90 | 0.12 | 58,58,58,58 | 1 |
| 91 | MG | 5 | 3668 | 1/1 | 0.90 | 0.14 | 52,52,52,52 | 0 |
| 91 | MG | 2 | 2015 | 1/1 | 0.90 | 0.21 | 74,74,74,74 | 1 |
| 91 | MG | 5 | 3672 | 1/1 | 0.90 | 0.30 | 64,64,64,64 | 0 |
| 91 | MG | 1 | 3687 | 1/1 | 0.90 | 0.24 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3937 | 1/1 | 0.90 | 0.09 | 83,83,83,83 | 0 |
| 91 | MG | 5 | 3896 | 1/1 | 0.90 | 0.11 | 45,45,45,45 | 0 |
| 91 | MG | 6 | 2052 | 1/1 | 0.90 | 0.69 | 66,66,66,66 | 1 |
| 91 | MG | 1 | 3422 | 1/1 | 0.90 | 0.13 | 51,51,51,51 | 0 |
| 91 | MG | 6 | 1906 | 1/1 | 0.90 | 0.16 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3688 | 1/1 | 0.90 | 0.21 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3691 | 1/1 | 0.90 | 0.16 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3649 | 1/1 | 0.90 | 0.20 | 69,69,69,69 | 0 |
| 91 | MG | 1 | 3527 | 1/1 | 0.90 | 0.29 | 47,47,47,47 | 0 |
| 91 | MG | 4 | 212 | 1/1 | 0.90 | 0.09 | 67,67,67,67 | 0 |
| 91 | MG | 6 | 2059 | 1/1 | 0.90 | 0.09 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3874 | 1/1 | 0.90 | 0.23 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3514 | 1/1 | 0.90 | 0.24 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 3515 | 1/1 | 0.90 | 0.30 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3808 | 1/1 | 0.90 | 0.16 | 59,59,59,59 | 0 |
| 91 | MG | 7 | 209 | 1/1 | 0.90 | 0.18 | 58,58,58,58 | 0 |
| 91 | MG | 7 | 211 | 1/1 | 0.90 | 0.25 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4288 | 7/7 | 0.90 | 0.32 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 3915 | 1/1 | 0.90 | 0.10 | 55,55,55,55 | 0 |
| 92 | OHX | 5 | 4300 | 7/7 | 0.90 | 0.26 | 65,65,65,65 | 7 |
| 91 | MG | 2 | 1988 | 1/1 | 0.90 | 0.12 | 77,77,77,77 | 0 |
| 91 | MG | 6 | 2063 | 1/1 | 0.90 | 0.14 | 69,69,69,69 | 0 |
| 92 | OHX | 5 | 4316 | 7/7 | 0.90 | 0.27 | 87,87,87,87 | 7 |
| 91 | MG | 7 | 217 | 1/1 | 0.90 | 0.12 | 55,55,55,55 | 1 |
| 91 | MG | 5 | 3716 | 1/1 | 0.90 | 0.12 | 51,51,51,51 | 0 |
| 91 | MG | 7 | 219 | 1/1 | 0.90 | 0.11 | 56,56,56,56 | 1 |
| 91 | MG | 1 | 3497 | 1/1 | 0.90 | 0.27 | 63,63,63,63 | 0 |
| 92 | OHX | 5 | 4328 | 7/7 | 0.90 | 0.27 | 69,69,69,69 | 7 |
| 91 | MG | 1 | 3878 | 1/1 | 0.90 | 0.29 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3509 | 1/1 | 0.90 | 0.18 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3930 | 1/1 | 0.90 | 0.18 | 50,50,50,50 | 0 |
| 91 | MG | 2 | 2040 | 1/1 | 0.90 | 0.09 | 97,97,97,97 | 0 |
| 91 | MG | 8 | 201 | 1/1 | 0.90 | 0.16 | 56,56,56,56 | 0 |
| 91 | MG | 5 | 3530 | 1/1 | 0.90 | 0.24 | 44,44,44,44 | 0 |
| 92 | OHX | 7 | 201 | 7/7 | 0.90 | 0.34 | 56,56,56,56 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4354 | 7/7 | 0.90 | 0.20 | 79,79,79,79 | 7 |
| 92 | OHX | 1 | 4239 | 7/7 | 0.90 | 0.28 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4358 | 7/7 | 0.90 | 0.29 | 55,55,55,55 | 7 |
| 91 | MG | 1 | 3701 | 1/1 | 0.90 | 0.26 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3532 | 1/1 | 0.90 | 0.28 | 47,47,47,47 | 0 |
| 91 | MG | 5 | 3729 | 1/1 | 0.90 | 0.27 | 55,55,55,55 | 0 |
| 92 | OHX | 5 | 4367 | 7/7 | 0.90 | 0.32 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3406 | 1/1 | 0.90 | 0.14 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3818 | 1/1 | 0.90 | 0.35 | 73,73,73,73 | 0 |
| 92 | OHX | 1 | 4270 | 7/7 | 0.90 | 0.31 | 67,67,67,67 | 7 |
| 91 | MG | 1 | 3819 | 1/1 | 0.90 | 0.11 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3616 | 1/1 | 0.90 | 0.21 | 59,59,59,59 | 0 |
| 92 | OHX | 14 | 404 | 7/7 | 0.90 | 0.18 | 83,83,83,83 | 7 |
| 91 | MG | 1 | 3511 | 1/1 | 0.90 | 0.24 | 43,43,43,43 | 0 |
| 92 | OHX | 1 | 4294 | 7/7 | 0.90 | 0.22 | 73,73,73,73 | 7 |
| 92 | OHX | 15 | 309 | 7/7 | 0.90 | 0.18 | 100,100,100,100 | 7 |
| 91 | MG | 1 | 3716 | 1/1 | 0.90 | 0.16 | 52,52,52,52 | 1 |
| 92 | OHX | 1 | 4490 | 7/7 | 0.90 | 0.39 | 54,54,54,54 | 7 |
| 91 | MG | 5 | 3548 | 1/1 | 0.90 | 0.30 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 3970 | 1/1 | 0.90 | 0.20 | 83,83,83,83 | 0 |
| 91 | MG | 1 | 3828 | 1/1 | 0.90 | 0.22 | 48,48,48,48 | 0 |
| 92 | OHX | 1 | 4303 | 7/7 | 0.90 | 0.29 | 74,74,74,74 | 7 |
| 91 | MG | 2 | 1964 | 1/1 | 0.90 | 0.30 | 75,75,75,75 | 0 |
| 91 | MG | 13 | 402 | 1/1 | 0.90 | 0.20 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 3421 | 1/1 | 0.90 | 0.11 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3982 | 1/1 | 0.90 | 0.31 | 46,46,46,46 | 1 |
| 91 | MG | 13 | 406 | 1/1 | 0.90 | 0.33 | 53,53,53,53 | 1 |
| 91 | MG | 13 | 407 | 1/1 | 0.90 | 0.10 | 54,54,54,54 | 0 |
| 91 | MG | 13 | 408 | 1/1 | 0.90 | 0.19 | 45,45,45,45 | 1 |
| 91 | MG | 1 | 3986 | 1/1 | 0.90 | 0.17 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3755 | 1/1 | 0.90 | 0.16 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4325 | 7/7 | 0.91 | 0.10 | 124,124,124,124 | 7 |
| 91 | MG | 4 | 203 | 1/1 | 0.91 | 0.30 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3689 | 1/1 | 0.91 | 0.34 | 61,61,61,61 | 0 |
| 92 | OHX | 3 | 224 | 7/7 | 0.91 | 0.23 | 92,92,92,92 | 7 |
| 92 | OHX | 1 | 4329 | 7/7 | 0.91 | 0.15 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3846 | 1/1 | 0.91 | 0.15 | 75,75,75,75 | 0 |
| 92 | OHX | 1 | 4331 | 7/7 | 0.91 | 0.17 | 95,95,95,95 | 7 |
| 91 | MG | 5 | 3690 | 1/1 | 0.91 | 0.32 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3694 | 1/1 | 0.91 | 0.13 | 59,59,59,59 | 0 |
| 92 | OHX | 4 | 242 | 7/7 | 0.91 | 0.17 | 107,107,107,107 | 7 |
| 91 | MG | 5 | 3694 | 1/1 | 0.91 | 0.12 | 42,42,42,42 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4336 | 7/7 | 0.91 | 0.26 | 70,70,70,70 | 7 |
| 91 | MG | 6 | 1984 | 1/1 | 0.91 | 0.29 | 73,73,73,73 | 1 |
| 91 | MG | 5 | 4073 | 1/1 | 0.91 | 0.17 | 81,81,81,81 | 0 |
| 92 | OHX | 2 | 2111 | 7/7 | 0.91 | 0.15 | 106,106,106,106 | 7 |
| 92 | OHX | L2 | 305 | 7/7 | 0.91 | 0.27 | 73,73,73,73 | 7 |
| 91 | MG | 5 | 3533 | 1/1 | 0.91 | 0.29 | 46,46,46,46 | 0 |
| 91 | MG | 5 | 3701 | 1/1 | 0.91 | 0.25 | 58,58,58,58 | 0 |
| 92 | OHX | L5 | 301 | 7/7 | 0.91 | 0.16 | 94,94,94,94 | 7 |
| 91 | MG | 5 | 4085 | 1/1 | 0.91 | 0.33 | 62,62,62,62 | 1 |
| 92 | OHX | 2 | 2139 | 7/7 | 0.91 | 0.23 | 93,93,93,93 | 7 |
| 92 | OHX | 5 | 4412 | 7/7 | 0.91 | 0.25 | 71,71,71,71 | 7 |
| 92 | OHX | 2 | 2148 | 7/7 | 0.91 | 0.17 | 106,106,106,106 | 7 |
| 91 | MG | 6 | 1901 | 1/1 | 0.91 | 0.30 | 63,63,63,63 | 0 |
| 92 | OHX | 1 | 4354 | 7/7 | 0.91 | 0.16 | 76,76,76,76 | 7 |
| 91 | MG | 6 | 1902 | 1/1 | 0.91 | 0.07 | 78,78,78,78 | 0 |
| 91 | MG | 1 | 3532 | 1/1 | 0.91 | 0.32 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3875 | 1/1 | 0.91 | 0.17 | 51,51,51,51 | 1 |
| 92 | OHX | 6 | 2187 | 7/7 | 0.91 | 0.24 | 77,77,77,77 | 7 |
| 92 | OHX | 6 | 2201 | 7/7 | 0.91 | 0.24 | 72,72,72,72 | 7 |
| 92 | OHX | 2 | 2166 | 7/7 | 0.91 | 0.15 | 103,103,103,103 | 7 |
| 92 | OHX | 1 | 4359 | 7/7 | 0.91 | 0.26 | 64,64,64,64 | 7 |
| 91 | MG | 2 | 1902 | 1/1 | 0.91 | 0.30 | 56,56,56,56 | 0 |
| 92 | OHX | 6 | 2212 | 7/7 | 0.91 | 0.14 | 105,105,105,105 | 7 |
| 91 | MG | 5 | 3709 | 1/1 | 0.91 | 0.22 | 69,69,69,69 | 0 |
| 92 | OHX | 6 | 2217 | 7/7 | 0.91 | 0.12 | 114,114,114,114 | 7 |
| 91 | MG | 1 | 3612 | 1/1 | 0.91 | 0.14 | 47,47,47,47 | 0 |
| 92 | OHX | 6 | 2226 | 7/7 | 0.91 | 0.16 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3761 | 1/1 | 0.91 | 0.42 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3816 | 1/1 | 0.91 | 0.24 | 52,52,52,52 | 1 |
| 91 | MG | C1 | 202 | 1/1 | 0.91 | 0.23 | 83,83,83,83 | 1 |
| 91 | MG | 4 | 215 | 1/1 | 0.91 | 0.30 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 3897 | 1/1 | 0.91 | 0.46 | 50,50,50,50 | 1 |
| 91 | MG | 4 | 218 | 1/1 | 0.91 | 0.15 | 68,68,68,68 | 0 |
| 92 | OHX | 6 | 2245 | 7/7 | 0.91 | 0.14 | 100,100,100,100 | 7 |
| 92 | OHX | 5 | 4443 | 7/7 | 0.91 | 0.29 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3431 | 1/1 | 0.91 | 0.19 | 44,44,44,44 | 0 |
| 91 | MG | 1 | 3451 | 1/1 | 0.91 | 0.21 | 50,50,50,50 | 0 |
| 91 | MG | 4 | 220 | 1/1 | 0.91 | 0.11 | 102,102,102,102 | 1 |
| 91 | MG | 1 | 4057 | 1/1 | 0.91 | 0.45 | 45,45,45,45 | 1 |
| 92 | OHX | 2 | 2194 | 7/7 | 0.91 | 0.15 | 104,104,104,104 | 7 |
| 91 | MG | 1 | 3704 | 1/1 | 0.91 | 0.23 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3708 | 1/1 | 0.91 | 0.18 | 63,63,63,63 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4380 | 7/7 | 0.91 | 0.20 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3908 | 1/1 | 0.91 | 0.19 | 68,68,68,68 | 1 |
| 92 | OHX | 6 | 2262 | 7/7 | 0.91 | 0.09 | 150,150,150,150 | 7 |
| 91 | MG | 1 | 3891 | 1/1 | 0.91 | 0.11 | 58,58,58,58 | 0 |
| 91 | MG | 2 | 2056 | 1/1 | 0.91 | 0.14 | 88,88,88,88 | 0 |
| 91 | MG | 1 | 3968 | 1/1 | 0.91 | 0.20 | 44,44,44,44 | 1 |
| 91 | MG | 2 | 1941 | 1/1 | 0.91 | 0.16 | 87,87,87,87 | 0 |
| 91 | MG | 5 | 3451 | 1/1 | 0.91 | 0.19 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3575 | 1/1 | 0.91 | 0.36 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 3714 | 1/1 | 0.91 | 0.28 | 62,62,62,62 | 0 |
| 92 | OHX | 6 | 2271 | 7/7 | 0.91 | 0.14 | 94,94,94,94 | 7 |
| 92 | OHX | 5 | 4467 | 7/7 | 0.91 | 0.12 | 143,143,143,143 | 7 |
| 92 | OHX | 1 | 4392 | 7/7 | 0.91 | 0.30 | 55,55,55,55 | 7 |
| 92 | OHX | 6 | 2274 | 7/7 | 0.91 | 0.07 | 145,145,145,145 | 7 |
| 91 | MG | 5 | 4137 | 1/1 | 0.91 | 0.17 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3916 | 1/1 | 0.91 | 0.10 | 51,51,51,51 | 0 |
| 92 | OHX | 6 | 2277 | 7/7 | 0.91 | 0.18 | 96,96,96,96 | 7 |
| 92 | OHX | 6 | 2278 | 7/7 | 0.91 | 0.13 | 110,110,110,110 | 7 |
| 92 | OHX | 2 | 2210 | 7/7 | 0.91 | 0.10 | 123,123,123,123 | 7 |
| 91 | MG | 5 | 3741 | 1/1 | 0.91 | 0.07 | 75,75,75,75 | 1 |
| 91 | MG | L3 | 404 | 1/1 | 0.91 | 0.23 | 57,57,57,57 | 0 |
| 92 | OHX | 1 | 4398 | 7/7 | 0.91 | 0.11 | 117,117,117,117 | 7 |
| 91 | MG | 5 | 4144 | 1/1 | 0.91 | 0.17 | 53,53,53,53 | 1 |
| 92 | OHX | 2 | 2214 | 7/7 | 0.91 | 0.10 | 125,125,125,125 | 7 |
| 91 | MG | 6 | 1927 | 1/1 | 0.91 | 0.32 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3924 | 1/1 | 0.91 | 0.09 | 66,66,66,66 | 1 |
| 91 | MG | 5 | 3746 | 1/1 | 0.91 | 0.06 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3978 | 1/1 | 0.91 | 0.19 | 50,50,50,50 | 1 |
| 91 | MG | 1 | 3980 | 1/1 | 0.91 | 0.19 | 65,65,65,65 | 0 |
| 91 | MG | 2 | 1963 | 1/1 | 0.91 | 0.11 | 83,83,83,83 | 0 |
| 91 | MG | 2 | 1919 | 1/1 | 0.91 | 0.32 | 80,80,80,80 | 0 |
| 92 | OHX | 6 | 2293 | 7/7 | 0.91 | 0.16 | 103,103,103,103 | 7 |
| 91 | MG | 1 | 3623 | 1/1 | 0.91 | 0.13 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3778 | 1/1 | 0.91 | 0.16 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3934 | 1/1 | 0.91 | 0.20 | 67,67,67,67 | 1 |
| 92 | OHX | 6 | 2297 | 7/7 | 0.91 | 0.17 | 99,99,99,99 | 7 |
| 91 | MG | 5 | 3468 | 1/1 | 0.91 | 0.24 | 67,67,67,67 | 0 |
| 91 | MG | 6 | 2024 | 1/1 | 0.91 | 0.09 | 71,71,71,71 | 1 |
| 92 | OHX | 2 | 2229 | 7/7 | 0.91 | 0.15 | 90,90,90,90 | 7 |
| 91 | MG | 5 | 3760 | 1/1 | 0.91 | 0.24 | 58,58,58,58 | 0 |
| 91 | MG | M3 | 202 | 1/1 | 0.91 | 0.24 | 58,58,58,58 | 1 |
| 91 | MG | 1 | 3723 | 1/1 | 0.91 | 0.22 | 64,64,64,64 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3763 | 1/1 | 0.91 | 0.29 | 79,79,79,79 | 0 |
| 92 | OHX | 5 | 4507 | 7/7 | 0.91 | 0.28 | 61,61,61,61 | 7 |
| 91 | MG | 5 | 3474 | 1/1 | 0.91 | 0.21 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3416 | 1/1 | 0.91 | 0.12 | 64,64,64,64 | 1 |
| 91 | MG | 6 | 2123 | 1/1 | 0.91 | 0.15 | 72,72,72,72 | 0 |
| 92 | OHX | 6 | 2308 | 7/7 | 0.91 | 0.18 | 90,90,90,90 | 7 |
| 91 | MG | 1 | 3991 | 1/1 | 0.91 | 0.27 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 3550 | 1/1 | 0.91 | 0.22 | 43,43,43,43 | 0 |
| 91 | MG | 6 | 2030 | 1/1 | 0.91 | 0.10 | 71,71,71,71 | 0 |
| 92 | OHX | 6 | 2312 | 7/7 | 0.91 | 0.28 | 70,70,70,70 | 7 |
| 91 | MG | 6 | 1943 | 1/1 | 0.91 | 0.21 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3778 | 1/1 | 0.91 | 0.27 | 51,51,51,51 | 1 |
| 91 | MG | 1 | 3584 | 1/1 | 0.91 | 0.28 | 43,43,43,43 | 0 |
| 91 | MG | 5 | 3965 | 1/1 | 0.91 | 0.23 | 46,46,46,46 | 1 |
| 91 | MG | 1 | 3914 | 1/1 | 0.91 | 0.18 | 57,57,57,57 | 1 |
| 91 | MG | 2 | 1943 | 1/1 | 0.91 | 0.07 | 87,87,87,87 | 0 |
| 92 | OHX | 5 | 4522 | 7/7 | 0.91 | 0.28 | 69,69,69,69 | 7 |
| 92 | OHX | 5 | 4523 | 7/7 | 0.91 | 0.16 | 125,125,125,125 | 7 |
| 91 | MG | 5 | 3785 | 1/1 | 0.91 | 0.15 | 71,71,71,71 | 0 |
| 92 | OHX | 1 | 4440 | 7/7 | 0.91 | 0.11 | 152,152,152,152 | 7 |
| 91 | MG | 8 | 208 | 1/1 | 0.91 | 0.11 | 74,74,74,74 | 0 |
| 91 | MG | 1 | 3672 | 1/1 | 0.91 | 0.16 | 68,68,68,68 | 0 |
| 91 | MG | 1 | 4005 | 1/1 | 0.91 | 0.24 | 69,69,69,69 | 0 |
| 92 | OHX | 6 | 2324 | 7/7 | 0.91 | 0.18 | 99,99,99,99 | 7 |
| 91 | MG | M7 | 208 | 1/1 | 0.91 | 0.21 | 86,86,86,86 | 0 |
| 91 | MG | 1 | 3786 | 1/1 | 0.91 | 0.09 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3849 | 1/1 | 0.91 | 0.10 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2329 | 7/7 | 0.91 | 0.17 | 89,89,89,89 | 7 |
| 91 | MG | 5 | 3981 | 1/1 | 0.91 | 0.24 | 56,56,56,56 | 1 |
| 92 | OHX | 6 | 2331 | 7/7 | 0.91 | 0.21 | 90,90,90,90 | 7 |
| 91 | MG | 1 | 3587 | 1/1 | 0.91 | 0.26 | 43,43,43,43 | 0 |
| 91 | MG | 5 | 3496 | 1/1 | 0.91 | 0.12 | 50,50,50,50 | 0 |
| 92 | OHX | 5 | 4538 | 7/7 | 0.91 | 0.13 | 120,120,120,120 | 7 |
| 91 | MG | M9 | 203 | 1/1 | 0.91 | 0.38 | 79,79,79,79 | 1 |
| 91 | MG | 1 | 4011 | 1/1 | 0.91 | 0.16 | 58,58,58,58 | 0 |
| 92 | OHX | 1 | 4144 | 7/7 | 0.91 | 0.26 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3854 | 1/1 | 0.91 | 0.18 | 45,45,45,45 | 0 |
| 91 | MG | D9 | 103 | 1/1 | 0.91 | 0.16 | 93,93,93,93 | 0 |
| 92 | OHX | s4 | 302 | 7/7 | 0.91 | 0.18 | 95,95,95,95 | 7 |
| 92 | OHX | s8 | 305 | 7/7 | 0.91 | 0.14 | 114,114,114,114 | 7 |
| 92 | OHX | 1 | 4214 | 7/7 | 0.91 | 0.26 | 69,69,69,69 | 7 |
| 91 | MG | 2 | 2022 | 1/1 | 0.91 | 0.08 | 67,67,67,67 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4551 | 7/7 | 0.91 | 0.24 | 77,77,77,77 | 7 |
| 91 | MG | 6 | 1964 | 1/1 | 0.91 | 0.38 | 69,69,69,69 | 0 |
| 92 | OHX | 5 | 4553 | 7/7 | 0.91 | 0.25 | 80,80,80,80 | 7 |
| 92 | OHX | d9 | 104 | 7/7 | 0.91 | 0.14 | 109,109,109,109 | 7 |
| 92 | OHX | 5 | 4557 | 7/7 | 0.91 | 0.15 | 156,156,156,156 | 7 |
| 91 | MG | 5 | 3805 | 1/1 | 0.91 | 0.11 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4246 | 7/7 | 0.91 | 0.20 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4247 | 7/7 | 0.91 | 0.21 | 94,94,94,94 | 7 |
| 91 | MG | 2 | 2051 | 1/1 | 0.91 | 0.15 | 74,74,74,74 | 1 |
| 92 | OHX | 1 | 4252 | 7/7 | 0.91 | 0.15 | 92,92,92,92 | 7 |
| 91 | MG | l3 | 411 | 1/1 | 0.91 | 0.71 | 51,51,51,51 | 1 |
| 92 | OHX | 5 | 4294 | 7/7 | 0.91 | 0.18 | 102,102,102,102 | 7 |
| 92 | OHX | 1 | 4259 | 7/7 | 0.91 | 0.20 | 91,91,91,91 | 7 |
| 91 | MG | N8 | 203 | 1/1 | 0.91 | 0.10 | 46,46,46,46 | 0 |
| 91 | MG | l5 | 303 | 1/1 | 0.91 | 0.32 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3523 | 1/1 | 0.91 | 0.22 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3425 | 1/1 | 0.91 | 0.20 | 66,66,66,66 | 0 |
| 92 | OHX | 5 | 4320 | 7/7 | 0.91 | 0.21 | 91,91,91,91 | 7 |
| 91 | MG | 2 | 1992 | 1/1 | 0.91 | 0.16 | 74,74,74,74 | 0 |
| 91 | MG | 2 | 1920 | 1/1 | 0.91 | 0.23 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4285 | 7/7 | 0.91 | 0.24 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3814 | 1/1 | 0.91 | 0.29 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3475 | 1/1 | 0.91 | 0.26 | 40,40,40,40 | 0 |
| 92 | OHX | 5 | 4334 | 7/7 | 0.91 | 0.13 | 157,157,157,157 | 7 |
| 91 | MG | 5 | 3667 | 1/1 | 0.91 | 0.18 | 56,56,56,56 | 0 |
| 91 | MG | 6 | 1973 | 1/1 | 0.91 | 0.10 | 95,95,95,95 | 0 |
| 91 | MG | 5 | 3517 | 1/1 | 0.91 | 0.26 | 44,44,44,44 | 0 |
| 92 | OHX | 1 | 4298 | 7/7 | 0.91 | 0.25 | 63,63,63,63 | 7 |
| 92 | OHX | 5 | 4347 | 7/7 | 0.91 | 0.23 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3670 | 1/1 | 0.91 | 0.22 | 51,51,51,51 | 0 |
| 91 | MG | d9 | 101 | 1/1 | 0.91 | 0.09 | 96,96,96,96 | 0 |
| 91 | MG | 1 | 3689 | 1/1 | 0.91 | 0.18 | 64,64,64,64 | 0 |
| 92 | OHX | 5 | 4357 | 7/7 | 0.91 | 0.13 | 126,126,126,126 | 7 |
| 91 | MG | 5 | 3675 | 1/1 | 0.91 | 0.23 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 4033 | 1/1 | 0.91 | 0.39 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 3477 | 1/1 | 0.91 | 0.19 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4308 | 7/7 | 0.91 | 0.20 | 92,92,92,92 | 7 |
| 91 | MG | 1 | 3751 | 1/1 | 0.91 | 0.30 | 64,64,64,64 | 0 |
| 91 | MG | 1 | 4041 | 1/1 | 0.91 | 0.22 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3684 | 1/1 | 0.91 | 0.21 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3529 | 1/1 | 0.91 | 0.21 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3840 | 1/1 | 0.91 | 0.08 | 69,69,69,69 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4317 | 7/7 | 0.91 | 0.35 | 57,57,57,57 | 7 |
| 91 | MG | 5 | 3686 | 1/1 | 0.91 | 0.22 | 49,49,49,49 | 0 |
| 91 | MG | n8 | 203 | 1/1 | 0.91 | 0.14 | 51,51,51,51 | 0 |
| 92 | OHX | 5 | 4379 | 7/7 | 0.91 | 0.16 | 88,88,88,88 | 7 |
| 91 | MG | 5 | 3687 | 1/1 | 0.91 | 0.11 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 4056 | 1/1 | 0.91 | 0.10 | 60,60,60,60 | 0 |
| 92 | OHX | 6 | 2214 | 7/7 | 0.92 | 0.15 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3985 | 1/1 | 0.92 | 0.09 | 82,82,82,82 | 0 |
| 92 | OHX | 2 | 2200 | 7/7 | 0.92 | 0.16 | 91,91,91,91 | 7 |
| 91 | MG | 6 | 2050 | 1/1 | 0.92 | 0.14 | 74,74,74,74 | 0 |
| 91 | MG | 6 | 2051 | 1/1 | 0.92 | 0.13 | 67,67,67,67 | 1 |
| 91 | MG | 1 | 4065 | 1/1 | 0.92 | 0.15 | 62,62,62,62 | 1 |
| 92 | OHX | 1 | 4376 | 7/7 | 0.92 | 0.16 | 102,102,102,102 | 7 |
| 92 | OHX | 6 | 2233 | 7/7 | 0.92 | 0.16 | 90,90,90,90 | 7 |
| 92 | OHX | 6 | 2234 | 7/7 | 0.92 | 0.17 | 97,97,97,97 | 7 |
| 91 | MG | 1 | 3413 | 1/1 | 0.92 | 0.21 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3634 | 1/1 | 0.92 | 0.24 | 65,65,65,65 | 0 |
| 91 | MG | 5 | 3940 | 1/1 | 0.92 | 0.19 | 57,57,57,57 | 0 |
| 91 | MG | 6 | 1903 | 1/1 | 0.92 | 0.26 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3945 | 1/1 | 0.92 | 0.15 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3730 | 1/1 | 0.92 | 0.37 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3779 | 1/1 | 0.92 | 0.15 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3495 | 1/1 | 0.92 | 0.29 | 45,45,45,45 | 0 |
| 92 | OHX | 6 | 2252 | 7/7 | 0.92 | 0.18 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3988 | 1/1 | 0.92 | 0.42 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3783 | 1/1 | 0.92 | 0.31 | 52,52,52,52 | 1 |
| 91 | MG | 7 | 208 | 1/1 | 0.92 | 0.18 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 3659 | 1/1 | 0.92 | 0.20 | 52,52,52,52 | 0 |
| 91 | MG | 7 | 210 | 1/1 | 0.92 | 0.21 | 75,75,75,75 | 0 |
| 92 | OHX | 6 | 2259 | 7/7 | 0.92 | 0.20 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3641 | 1/1 | 0.92 | 0.17 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3530 | 1/1 | 0.92 | 0.25 | 47,47,47,47 | 0 |
| 91 | MG | 2 | 2046 | 1/1 | 0.92 | 0.07 | 102,102,102,102 | 0 |
| 91 | MG | 1 | 3491 | 1/1 | 0.92 | 0.29 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3518 | 1/1 | 0.92 | 0.28 | 40,40,40,40 | 0 |
| 91 | MG | 6 | 1987 | 1/1 | 0.92 | 0.19 | 67,67,67,67 | 0 |
| 92 | OHX | 1 | 4399 | 7/7 | 0.92 | 0.24 | 70,70,70,70 | 7 |
| 91 | MG | 4 | 227 | 1/1 | 0.92 | 0.21 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3967 | 1/1 | 0.92 | 0.10 | 61,61,61,61 | 0 |
| 92 | OHX | 6 | 2272 | 7/7 | 0.92 | 0.22 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3932 | 1/1 | 0.92 | 0.14 | 52,52,52,52 | 0 |
| 92 | OHX | 1 | 4405 | 7/7 | 0.92 | 0.21 | 86,86,86,86 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3656 | 1/1 | 0.92 | 0.21 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4450 | 7/7 | 0.92 | 0.11 | 126,126,126,126 | 7 |
| 91 | MG | 1 | 3998 | 1/1 | 0.92 | 0.56 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 3537 | 1/1 | 0.92 | 0.17 | 43,43,43,43 | 0 |
| 91 | MG | 7 | 228 | 1/1 | 0.92 | 0.10 | 66,66,66,66 | 1 |
| 91 | MG | 1 | 3604 | 1/1 | 0.92 | 0.25 | 47,47,47,47 | 0 |
| 92 | OHX | 2 | 2235 | 7/7 | 0.92 | 0.20 | 78,78,78,78 | 7 |
| 92 | OHX | 5 | 4457 | 7/7 | 0.92 | 0.31 | 58,58,58,58 | 7 |
| 91 | MG | sM | 201 | 1/1 | 0.92 | 0.06 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3663 | 1/1 | 0.92 | 0.21 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3978 | 1/1 | 0.92 | 0.25 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 4004 | 1/1 | 0.92 | 0.17 | 60,60,60,60 | 1 |
| 91 | MG | 6 | 2075 | 1/1 | 0.92 | 0.08 | 107,107,107,107 | 0 |
| 91 | MG | 1 | 3576 | 1/1 | 0.92 | 0.11 | 50,50,50,50 | 0 |
| 92 | OHX | 2 | 2243 | 7/7 | 0.92 | 0.13 | 130,130,130,130 | 7 |
| 91 | MG | 1 | 3481 | 1/1 | 0.92 | 0.30 | 69,69,69,69 | 0 |
| 91 | MG | 1 | 3702 | 1/1 | 0.92 | 0.13 | 45,45,45,45 | 0 |
| 91 | MG | 5 | 3410 | 1/1 | 0.92 | 0.11 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3938 | 1/1 | 0.92 | 0.18 | 51,51,51,51 | 1 |
| 92 | OHX | 5 | 4470 | 7/7 | 0.92 | 0.32 | 66,66,66,66 | 7 |
| 91 | MG | 8 | 215 | 1/1 | 0.92 | 0.12 | 53,53,53,53 | 1 |
| 91 | MG | 6 | 2081 | 1/1 | 0.92 | 0.17 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3994 | 1/1 | 0.92 | 0.07 | 78,78,78,78 | 0 |
| 91 | MG | 1 | 3744 | 1/1 | 0.92 | 0.21 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3677 | 1/1 | 0.92 | 0.14 | 48,48,48,48 | 0 |
| 92 | OHX | 1 | 4431 | 7/7 | 0.92 | 0.25 | 67,67,67,67 | 7 |
| 91 | MG | M0 | 304 | 1/1 | 0.92 | 0.21 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 4001 | 1/1 | 0.92 | 0.21 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 3703 | 1/1 | 0.92 | 0.24 | 75,75,75,75 | 0 |
| 91 | MG | 1 | 3788 | 1/1 | 0.92 | 0.09 | 62,62,62,62 | 1 |
| 92 | OHX | S6 | 302 | 7/7 | 0.92 | 0.12 | 117,117,117,117 | 7 |
| 91 | MG | 1 | 3887 | 1/1 | 0.92 | 0.27 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3791 | 1/1 | 0.92 | 0.23 | 55,55,55,55 | 1 |
| 91 | MG | 5 | 3423 | 1/1 | 0.92 | 0.28 | 65,65,65,65 | 0 |
| 91 | MG | 1 | 4096 | 1/1 | 0.92 | 0.19 | 62,62,62,62 | 0 |
| 92 | OHX | 1 | 4442 | 7/7 | 0.92 | 0.19 | 65,65,65,65 | 7 |
| 91 | MG | 14 | 401 | 1/1 | 0.92 | 0.25 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 4097 | 1/1 | 0.92 | 0.10 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 4015 | 1/1 | 0.92 | 0.12 | 58,58,58,58 | 1 |
| 91 | MG | 1 | 3945 | 1/1 | 0.92 | 0.07 | 62,62,62,62 | 0 |
| 91 | MG | 6 | 2095 | 1/1 | 0.92 | 0.11 | 78,78,78,78 | 0 |
| 91 | MG | 5 | 3429 | 1/1 | 0.92 | 0.19 | 52,52,52,52 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4235 | 7/7 | 0.92 | 0.17 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4237 | 7/7 | 0.92 | 0.19 | 97,97,97,97 | 7 |
| 91 | MG | l5 | 307 | 1/1 | 0.92 | 0.18 | 59,59,59,59 | 1 |
| 92 | OHX | 1 | 4245 | 7/7 | 0.92 | 0.24 | 70,70,70,70 | 7 |
| 91 | MG | M5 | 308 | 1/1 | 0.92 | 0.15 | 69,69,69,69 | 1 |
| 91 | MG | l9 | 201 | 1/1 | 0.92 | 0.24 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 4506 | 1/1 | 0.92 | 0.07 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3551 | 1/1 | 0.92 | 0.23 | 40,40,40,40 | 0 |
| 91 | MG | 5 | 3552 | 1/1 | 0.92 | 0.28 | 46,46,46,46 | 0 |
| 91 | MG | 2 | 2003 | 1/1 | 0.92 | 0.19 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 3435 | 1/1 | 0.92 | 0.24 | 58,58,58,58 | 0 |
| 91 | MG | 2 | 1936 | 1/1 | 0.92 | 0.35 | 75,75,75,75 | 0 |
| 91 | MG | m3 | 202 | 1/1 | 0.92 | 0.09 | 57,57,57,57 | 0 |
| 91 | MG | m5 | 302 | 1/1 | 0.92 | 0.17 | 66,66,66,66 | 0 |
| 91 | MG | 6 | 2102 | 1/1 | 0.92 | 0.30 | 69,69,69,69 | 1 |
| 92 | OHX | 1 | 4276 | 7/7 | 0.92 | 0.25 | 68,68,68,68 | 7 |
| 91 | MG | 1 | 3453 | 1/1 | 0.92 | 0.16 | 51,51,51,51 | 0 |
| 91 | MG | 3 | 204 | 1/1 | 0.92 | 0.36 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 4051 | 1/1 | 0.92 | 0.15 | 71,71,71,71 | 1 |
| 92 | OHX | 6 | 2335 | 7/7 | 0.92 | 0.14 | 124,124,124,124 | 7 |
| 92 | OHX | 1 | 4293 | 7/7 | 0.92 | 0.10 | 141,141,141,141 | 7 |
| 91 | MG | 5 | 3442 | 1/1 | 0.92 | 0.29 | 69,69,69,69 | 0 |
| 91 | MG | m8 | 202 | 1/1 | 0.92 | 0.62 | 56,56,56,56 | 1 |
| 91 | MG | 5 | 3713 | 1/1 | 0.92 | 0.13 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3563 | 1/1 | 0.92 | 0.29 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 4029 | 1/1 | 0.92 | 0.30 | 54,54,54,54 | 1 |
| 92 | OHX | c1 | 201 | 7/7 | 0.92 | 0.17 | 99,99,99,99 | 7 |
| 91 | MG | 1 | 3545 | 1/1 | 0.92 | 0.31 | 40,40,40,40 | 0 |
| 91 | MG | 5 | 3718 | 1/1 | 0.92 | 0.32 | 62,62,62,62 | 0 |
| 91 | MG | n8 | 201 | 1/1 | 0.92 | 0.10 | 69,69,69,69 | 1 |
| 91 | MG | 1 | 3619 | 1/1 | 0.92 | 0.32 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3568 | 1/1 | 0.92 | 0.21 | 43,43,43,43 | 0 |
| 91 | MG | 5 | 4063 | 1/1 | 0.92 | 0.53 | 49,49,49,49 | 1 |
| 92 | OHX | 5 | 4229 | 7/7 | 0.92 | 0.34 | 58,58,58,58 | 7 |
| 92 | OHX | 5 | 4261 | 7/7 | 0.92 | 0.19 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3721 | 1/1 | 0.92 | 0.25 | 51,51,51,51 | 1 |
| 91 | MG | o3 | 201 | 1/1 | 0.92 | 0.21 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3887 | 1/1 | 0.92 | 0.45 | 46,46,46,46 | 1 |
| 92 | OHX | 1 | 4311 | 7/7 | 0.92 | 0.18 | 83,83,83,83 | 7 |
| 92 | OHX | 1 | 4312 | 7/7 | 0.92 | 0.30 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3448 | 1/1 | 0.92 | 0.11 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3651 | 1/1 | 0.92 | 0.29 | 63,63,63,63 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3652 | 1/1 | 0.92 | 0.18 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 3893 | 1/1 | 0.92 | 0.14 | 50,50,50,50 | 1 |
| 92 | OHX | 1 | 4318 | 7/7 | 0.92 | 0.15 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3719 | 1/1 | 0.92 | 0.30 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3728 | 1/1 | 0.92 | 0.10 | 67,67,67,67 | 0 |
| 91 | MG | 3 | 212 | 1/1 | 0.92 | 0.10 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3580 | 1/1 | 0.92 | 0.26 | 46,46,46,46 | 0 |
| 92 | OHX | 2 | 2115 | 7/7 | 0.92 | 0.14 | 132,132,132,132 | 7 |
| 92 | OHX | 1 | 4326 | 7/7 | 0.92 | 0.31 | 61,61,61,61 | 7 |
| 91 | MG | 1 | 3853 | 1/1 | 0.92 | 0.12 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3591 | 1/1 | 0.92 | 0.34 | 57,57,57,57 | 0 |
| 92 | OHX | 5 | 4339 | 7/7 | 0.92 | 0.34 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 4096 | 1/1 | 0.92 | 0.19 | 56,56,56,56 | 1 |
| 92 | OHX | 5 | 4343 | 7/7 | 0.92 | 0.15 | 77,77,77,77 | 7 |
| 92 | OHX | 5 | 4344 | 7/7 | 0.92 | 0.28 | 59,59,59,59 | 7 |
| 92 | OHX | 1 | 4508 | 7/7 | 0.92 | 0.25 | 72,72,72,72 | 7 |
| 92 | OHX | 3 | 221 | 7/7 | 0.92 | 0.29 | 69,69,69,69 | 7 |
| 91 | MG | 1 | 3476 | 1/1 | 0.92 | 0.21 | 83,83,83,83 | 0 |
| 92 | OHX | 3 | 225 | 7/7 | 0.92 | 0.19 | 96,96,96,96 | 7 |
| 91 | MG | 1 | 3724 | 1/1 | 0.92 | 0.13 | 50,50,50,50 | 0 |
| 92 | OHX | 2 | 2149 | 7/7 | 0.92 | 0.11 | 112,112,112,112 | 7 |
| 91 | MG | 1 | 3911 | 1/1 | 0.92 | 0.18 | 62,62,62,62 | 0 |
| 92 | OHX | 2 | 2154 | 7/7 | 0.92 | 0.20 | 90,90,90,90 | 7 |
| 92 | OHX | 5 | 4359 | 7/7 | 0.92 | 0.17 | 112,112,112,112 | 7 |
| 92 | OHX | 7 | 236 | 7/7 | 0.92 | 0.27 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3861 | 1/1 | 0.92 | 0.22 | 48,48,48,48 | 0 |
| 92 | OHX | 7 | 238 | 7/7 | 0.92 | 0.29 | 63,63,63,63 | 7 |
| 91 | MG | 6 | 1961 | 1/1 | 0.92 | 0.42 | 64,64,64,64 | 0 |
| 92 | OHX | 5 | 4363 | 7/7 | 0.92 | 0.16 | 77,77,77,77 | 7 |
| 92 | OHX | 8 | 227 | 7/7 | 0.92 | 0.21 | 76,76,76,76 | 7 |
| 92 | OHX | 1 | 4339 | 7/7 | 0.92 | 0.21 | 78,78,78,78 | 7 |
| 92 | OHX | 8 | 233 | 7/7 | 0.92 | 0.18 | 103,103,103,103 | 7 |
| 92 | OHX | 2 | 2162 | 7/7 | 0.92 | 0.11 | 116,116,116,116 | 7 |
| 91 | MG | 4 | 201 | 1/1 | 0.92 | 0.17 | 47,47,47,47 | 0 |
| 91 | MG | 1 | 3975 | 1/1 | 0.92 | 0.22 | 50,50,50,50 | 1 |
| 92 | OHX | 5 | 4372 | 7/7 | 0.92 | 0.29 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 4053 | 1/1 | 0.92 | 0.31 | 71,71,71,71 | 0 |
| 91 | MG | 5 | 4112 | 1/1 | 0.92 | 0.11 | 59,59,59,59 | 1 |
| 92 | OHX | 12 | 306 | 7/7 | 0.92 | 0.22 | 77,77,77,77 | 7 |
| 91 | MG | 6 | 2129 | 1/1 | 0.92 | 0.21 | 78,78,78,78 | 0 |
| 91 | MG | 1 | 3913 | 1/1 | 0.92 | 0.11 | 56,56,56,56 | 0 |
| 91 | MG | 5 | 3752 | 1/1 | 0.92 | 0.29 | 57,57,57,57 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | M0 | 305 | 7/7 | 0.92 | 0.31 | 66,66,66,66 | 7 |
| 92 | OHX | 2 | 2180 | 7/7 | 0.92 | 0.12 | 113,113,113,113 | 7 |
| 91 | MG | 6 | 2131 | 1/1 | 0.92 | 0.20 | 64,64,64,64 | 1 |
| 91 | MG | 5 | 3917 | 1/1 | 0.92 | 0.10 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3919 | 1/1 | 0.92 | 0.54 | 53,53,53,53 | 1 |
| 91 | MG | O7 | 101 | 1/1 | 0.92 | 0.15 | 67,67,67,67 | 1 |
| 91 | MG | 1 | 3726 | 1/1 | 0.92 | 0.27 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3922 | 1/1 | 0.92 | 0.15 | 66,66,66,66 | 1 |
| 91 | MG | 4 | 208 | 1/1 | 0.92 | 0.28 | 54,54,54,54 | 0 |
| 92 | OHX | 6 | 2180 | 7/7 | 0.92 | 0.20 | 90,90,90,90 | 7 |
| 91 | MG | 6 | 2135 | 1/1 | 0.92 | 0.36 | 72,72,72,72 | 1 |
| 91 | MG | 1 | 3501 | 1/1 | 0.92 | 0.28 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3617 | 1/1 | 0.92 | 0.19 | 50,50,50,50 | 0 |
| 91 | MG | 2 | 1908 | 1/1 | 0.92 | 0.14 | 90,90,90,90 | 0 |
| 91 | MG | 5 | 3620 | 1/1 | 0.92 | 0.28 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3764 | 1/1 | 0.92 | 0.14 | 66,66,66,66 | 0 |
| 92 | OHX | 1 | 4370 | 7/7 | 0.92 | 0.23 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4392 | 7/7 | 0.93 | 0.19 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3660 | 1/1 | 0.93 | 0.11 | 53,53,53,53 | 0 |
| 92 | OHX | 5 | 4394 | 7/7 | 0.93 | 0.21 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3605 | 1/1 | 0.93 | 0.27 | 47,47,47,47 | 0 |
| 91 | MG | 6 | 1942 | 1/1 | 0.93 | 0.29 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3763 | 1/1 | 0.93 | 0.40 | 58,58,58,58 | 1 |
| 91 | MG | 5 | 4571 | 1/1 | 0.93 | 0.10 | 53,53,53,53 | 1 |
| 92 | OHX | 6 | 2228 | 7/7 | 0.93 | 0.15 | 88,88,88,88 | 7 |
| 91 | MG | 1 | 3513 | 1/1 | 0.93 | 0.23 | 45,45,45,45 | 0 |
| 91 | MG | 6 | 2019 | 1/1 | 0.93 | 0.26 | 86,86,86,86 | 1 |
| 91 | MG | 7 | 205 | 1/1 | 0.93 | 0.42 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3698 | 1/1 | 0.93 | 0.12 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3969 | 1/1 | 0.93 | 0.20 | 79,79,79,79 | 0 |
| 91 | MG | 1 | 3465 | 1/1 | 0.93 | 0.29 | 51,51,51,51 | 0 |
| 92 | OHX | 6 | 2239 | 7/7 | 0.93 | 0.14 | 82,82,82,82 | 7 |
| 91 | MG | 1 | 3611 | 1/1 | 0.93 | 0.20 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2242 | 7/7 | 0.93 | 0.22 | 71,71,71,71 | 7 |
| 91 | MG | 1 | 3769 | 1/1 | 0.93 | 0.11 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3897 | 1/1 | 0.93 | 0.29 | 56,56,56,56 | 1 |
| 91 | MG | 6 | 1952 | 1/1 | 0.93 | 0.35 | 73,73,73,73 | 0 |
| 92 | OHX | 5 | 4417 | 7/7 | 0.93 | 0.22 | 54,54,54,54 | 7 |
| 91 | MG | 6 | 1953 | 1/1 | 0.93 | 0.26 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3423 | 1/1 | 0.93 | 0.13 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3947 | 1/1 | 0.93 | 0.17 | 52,52,52,52 | 0 |
| 91 | MG | 1 | 3675 | 1/1 | 0.93 | 0.19 | 67,67,67,67 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3860 | 1/1 | 0.93 | 0.23 | 55,55,55,55 | 1 |
| 91 | MG | 6 | 2114 | 1/1 | 0.93 | 0.17 | 69,69,69,69 | 1 |
| 91 | MG | 5 | 3984 | 1/1 | 0.93 | 0.12 | 53,53,53,53 | 1 |
| 91 | MG | 7 | 224 | 1/1 | 0.93 | 0.16 | 62,62,62,62 | 0 |
| 92 | OHX | 6 | 2257 | 7/7 | 0.93 | 0.22 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4428 | 7/7 | 0.93 | 0.23 | 58,58,58,58 | 7 |
| 91 | MG | 1 | 3457 | 1/1 | 0.93 | 0.27 | 74,74,74,74 | 0 |
| 91 | MG | 1 | 4013 | 1/1 | 0.93 | 0.22 | 67,67,67,67 | 1 |
| 92 | OHX | 2 | 2222 | 7/7 | 0.93 | 0.17 | 101,101,101,101 | 7 |
| 91 | MG | 1 | 3951 | 1/1 | 0.93 | 0.17 | 55,55,55,55 | 1 |
| 91 | MG | 1 | 4015 | 1/1 | 0.93 | 0.20 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 3449 | 1/1 | 0.93 | 0.23 | 57,57,57,57 | 0 |
| 91 | MG | 8 | 203 | 1/1 | 0.93 | 0.20 | 55,55,55,55 | 0 |
| 92 | OHX | 5 | 4436 | 7/7 | 0.93 | 0.22 | 58,58,58,58 | 7 |
| 91 | MG | 5 | 3828 | 1/1 | 0.93 | 0.21 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3637 | 1/1 | 0.93 | 0.26 | 59,59,59,59 | 0 |
| 92 | OHX | 1 | 4401 | 7/7 | 0.93 | 0.21 | 75,75,75,75 | 7 |
| 92 | OHX | 1 | 4402 | 7/7 | 0.93 | 0.20 | 72,72,72,72 | 7 |
| 91 | MG | 1 | 3707 | 1/1 | 0.93 | 0.19 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3679 | 1/1 | 0.93 | 0.20 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3696 | 1/1 | 0.93 | 0.12 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3697 | 1/1 | 0.93 | 0.20 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3836 | 1/1 | 0.93 | 0.28 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4448 | 7/7 | 0.93 | 0.28 | 54,54,54,54 | 7 |
| 91 | MG | 5 | 3698 | 1/1 | 0.93 | 0.23 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3839 | 1/1 | 0.93 | 0.22 | 50,50,50,50 | 1 |
| 91 | MG | Q2 | 503 | 1/1 | 0.93 | 0.10 | 66,66,66,66 | 0 |
| 91 | MG | 1 | 3638 | 1/1 | 0.93 | 0.34 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3565 | 1/1 | 0.93 | 0.29 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3583 | 1/1 | 0.93 | 0.23 | 49,49,49,49 | 0 |
| 92 | OHX | 2 | 2240 | 7/7 | 0.93 | 0.15 | 104,104,104,104 | 7 |
| 91 | MG | 1 | 4088 | 1/1 | 0.93 | 0.07 | 60,60,60,60 | 0 |
| 91 | MG | 8 | 241 | 1/1 | 0.93 | 0.12 | 56,56,56,56 | 0 |
| 91 | MG | l2 | 303 | 1/1 | 0.93 | 0.20 | 56,56,56,56 | 0 |
| 91 | MG | L2 | 304 | 1/1 | 0.93 | 0.15 | 65,65,65,65 | 0 |
| 91 | MG | l2 | 305 | 1/1 | 0.93 | 0.41 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 4021 | 1/1 | 0.93 | 0.07 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3707 | 1/1 | 0.93 | 0.22 | 69,69,69,69 | 0 |
| 92 | OHX | 1 | 4424 | 7/7 | 0.93 | 0.22 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3569 | 1/1 | 0.93 | 0.26 | 44,44,44,44 | 0 |
| 92 | OHX | 5 | 4466 | 7/7 | 0.93 | 0.19 | 70,70,70,70 | 7 |
| 91 | MG | 5 | 3570 | 1/1 | 0.93 | 0.20 | 62,62,62,62 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 4089 | 1/1 | 0.93 | 0.13 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3743 | 1/1 | 0.93 | 0.14 | 58,58,58,58 | 0 |
| 91 | MG | l3 | 409 | 1/1 | 0.93 | 0.12 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 4028 | 1/1 | 0.93 | 0.19 | 69,69,69,69 | 0 |
| 91 | MG | 1 | 3494 | 1/1 | 0.93 | 0.12 | 67,67,67,67 | 0 |
| 91 | MG | 5 | 3471 | 1/1 | 0.93 | 0.20 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4474 | 7/7 | 0.93 | 0.17 | 90,90,90,90 | 7 |
| 91 | MG | 5 | 4038 | 1/1 | 0.93 | 0.18 | 67,67,67,67 | 1 |
| 91 | MG | 1 | 3746 | 1/1 | 0.93 | 0.26 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 4045 | 1/1 | 0.93 | 0.10 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3874 | 1/1 | 0.93 | 0.06 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3873 | 1/1 | 0.93 | 0.13 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4483 | 7/7 | 0.93 | 0.20 | 81,81,81,81 | 7 |
| 91 | MG | l7 | 303 | 1/1 | 0.93 | 0.12 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3972 | 1/1 | 0.93 | 0.06 | 76,76,76,76 | 0 |
| 91 | MG | 2 | 1961 | 1/1 | 0.93 | 0.10 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3881 | 1/1 | 0.93 | 0.28 | 61,61,61,61 | 0 |
| 91 | MG | 6 | 1913 | 1/1 | 0.93 | 0.29 | 65,65,65,65 | 0 |
| 91 | MG | 6 | 1981 | 1/1 | 0.93 | 0.12 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 4040 | 1/1 | 0.93 | 0.18 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3974 | 1/1 | 0.93 | 0.57 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3921 | 1/1 | 0.93 | 0.13 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3520 | 1/1 | 0.93 | 0.25 | 49,49,49,49 | 0 |
| 92 | OHX | 1 | 4241 | 7/7 | 0.93 | 0.26 | 68,68,68,68 | 7 |
| 92 | OHX | 1 | 4244 | 7/7 | 0.93 | 0.20 | 73,73,73,73 | 7 |
| 91 | MG | s8 | 303 | 1/1 | 0.93 | 0.10 | 75,75,75,75 | 0 |
| 91 | MG | m6 | 203 | 1/1 | 0.93 | 0.21 | 50,50,50,50 | 1 |
| 91 | MG | 5 | 3730 | 1/1 | 0.93 | 0.11 | 60,60,60,60 | 0 |
| 91 | MG | 1 | 3718 | 1/1 | 0.93 | 0.21 | 75,75,75,75 | 0 |
| 91 | MG | M5 | 301 | 1/1 | 0.93 | 0.15 | 55,55,55,55 | 0 |
| 91 | MG | m7 | 205 | 1/1 | 0.93 | 0.13 | 62,62,62,62 | 0 |
| 92 | OHX | 1 | 4256 | 7/7 | 0.93 | 0.18 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 4069 | 1/1 | 0.93 | 0.12 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 4071 | 1/1 | 0.93 | 0.16 | 52,52,52,52 | 1 |
| 91 | MG | M5 | 305 | 1/1 | 0.93 | 0.13 | 69,69,69,69 | 0 |
| 92 | OHX | 1 | 4263 | 7/7 | 0.93 | 0.16 | 101,101,101,101 | 7 |
| 91 | MG | m9 | 201 | 1/1 | 0.93 | 0.24 | 68,68,68,68 | 1 |
| 91 | MG | 6 | 1922 | 1/1 | 0.93 | 0.26 | 61,61,61,61 | 0 |
| 92 | OHX | 1 | 4273 | 7/7 | 0.93 | 0.19 | 80,80,80,80 | 7 |
| 91 | MG | 5 | 4076 | 1/1 | 0.93 | 0.20 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4275 | 7/7 | 0.93 | 0.12 | 113,113,113,113 | 7 |
| 91 | MG | 1 | 3833 | 1/1 | 0.93 | 0.09 | 61,61,61,61 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4280 | 7/7 | 0.93 | 0.18 | 65,65,65,65 | 7 |
| 91 | MG | 5 | 4079 | 1/1 | 0.93 | 0.24 | 68,68,68,68 | 0 |
| 91 | MG | 6 | 1996 | 1/1 | 0.93 | 0.19 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 4086 | 1/1 | 0.93 | 0.21 | 53,53,53,53 | 1 |
| 91 | MG | 5 | 4087 | 1/1 | 0.93 | 0.06 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3602 | 1/1 | 0.93 | 0.27 | 48,48,48,48 | 0 |
| 91 | MG | 5 | 3612 | 1/1 | 0.93 | 0.17 | 58,58,58,58 | 0 |
| 91 | MG | 6 | 2070 | 1/1 | 0.93 | 0.11 | 62,62,62,62 | 1 |
| 91 | MG | 5 | 3616 | 1/1 | 0.93 | 0.15 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3929 | 1/1 | 0.93 | 0.18 | 70,70,70,70 | 0 |
| 92 | OHX | 1 | 4300 | 7/7 | 0.93 | 0.10 | 122,122,122,122 | 7 |
| 91 | MG | 1 | 4050 | 1/1 | 0.93 | 0.13 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3749 | 1/1 | 0.93 | 0.12 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3619 | 1/1 | 0.93 | 0.20 | 76,76,76,76 | 0 |
| 92 | OHX | 5 | 4230 | 7/7 | 0.93 | 0.16 | 91,91,91,91 | 7 |
| 91 | MG | 6 | 2076 | 1/1 | 0.93 | 0.18 | 59,59,59,59 | 0 |
| 92 | OHX | 5 | 4272 | 7/7 | 0.93 | 0.28 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3646 | 1/1 | 0.93 | 0.12 | 55,55,55,55 | 0 |
| 92 | OHX | 5 | 4283 | 7/7 | 0.93 | 0.21 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3721 | 1/1 | 0.93 | 0.07 | 65,65,65,65 | 1 |
| 91 | MG | q2 | 201 | 1/1 | 0.93 | 0.15 | 55,55,55,55 | 1 |
| 92 | OHX | 5 | 4290 | 7/7 | 0.93 | 0.28 | 59,59,59,59 | 7 |
| 91 | MG | q3 | 502 | 1/1 | 0.93 | 0.24 | 71,71,71,71 | 0 |
| 92 | OHX | 5 | 4293 | 7/7 | 0.93 | 0.22 | 71,71,71,71 | 7 |
| 91 | MG | M7 | 204 | 1/1 | 0.93 | 0.31 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4295 | 7/7 | 0.93 | 0.18 | 79,79,79,79 | 7 |
| 91 | MG | 2 | 1916 | 1/1 | 0.93 | 0.18 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 3505 | 1/1 | 0.93 | 0.23 | 47,47,47,47 | 0 |
| 92 | OHX | 5 | 4304 | 7/7 | 0.93 | 0.24 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4309 | 7/7 | 0.93 | 0.24 | 66,66,66,66 | 7 |
| 92 | OHX | 5 | 4547 | 7/7 | 0.93 | 0.19 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4310 | 7/7 | 0.93 | 0.23 | 65,65,65,65 | 7 |
| 92 | OHX | 2 | 2122 | 7/7 | 0.93 | 0.15 | 103,103,103,103 | 7 |
| 91 | MG | 5 | 3630 | 1/1 | 0.93 | 0.13 | 57,57,57,57 | 0 |
| 92 | OHX | 2 | 2129 | 7/7 | 0.93 | 0.10 | 121,121,121,121 | 7 |
| 91 | MG | 5 | 3632 | 1/1 | 0.93 | 0.27 | 54,54,54,54 | 0 |
| 91 | MG | 6 | 2004 | 1/1 | 0.93 | 0.17 | 56,56,56,56 | 0 |
| 91 | MG | M7 | 207 | 1/1 | 0.93 | 0.10 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 4117 | 1/1 | 0.93 | 0.64 | 50,50,50,50 | 1 |
| 91 | MG | 5 | 3408 | 1/1 | 0.93 | 0.14 | 53,53,53,53 | 0 |
| 92 | OHX | 5 | 4330 | 7/7 | 0.93 | 0.23 | 71,71,71,71 | 7 |
| 91 | MG | 5 | 3509 | 1/1 | 0.93 | 0.16 | 50,50,50,50 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4505 | 7/7 | 0.93 | 0.11 | 155,155,155,155 | 7 |
| 92 | OHX | 2 | 2152 | 7/7 | 0.93 | 0.09 | 186,186,186,186 | 7 |
| 91 | MG | 1 | 3692 | 1/1 | 0.93 | 0.16 | 82,82,82,82 | 0 |
| 92 | OHX | 5 | 4341 | 7/7 | 0.93 | 0.20 | 98,98,98,98 | 7 |
| 92 | OHX | 2 | 2156 | 7/7 | 0.93 | 0.21 | 88,88,88,88 | 7 |
| 91 | MG | 5 | 4122 | 1/1 | 0.93 | 0.22 | 44,44,44,44 | 1 |
| 92 | OHX | 3 | 226 | 7/7 | 0.93 | 0.28 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 4056 | 1/1 | 0.93 | 0.27 | 48,48,48,48 | 1 |
| 92 | OHX | 2 | 2161 | 7/7 | 0.93 | 0.18 | 94,94,94,94 | 7 |
| 92 | OHX | 7 | 234 | 7/7 | 0.93 | 0.24 | 79,79,79,79 | 7 |
| 91 | MG | 5 | 4127 | 1/1 | 0.93 | 0.32 | 54,54,54,54 | 1 |
| 92 | OHX | 5 | 4350 | 7/7 | 0.93 | 0.16 | 72,72,72,72 | 7 |
| 91 | MG | 5 | 3513 | 1/1 | 0.93 | 0.14 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4353 | 7/7 | 0.93 | 0.23 | 59,59,59,59 | 7 |
| 92 | OHX | 1 | 4333 | 7/7 | 0.93 | 0.26 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3411 | 1/1 | 0.93 | 0.30 | 52,52,52,52 | 0 |
| 92 | OHX | 2 | 2167 | 7/7 | 0.93 | 0.12 | 104,104,104,104 | 7 |
| 92 | OHX | 8 | 230 | 7/7 | 0.93 | 0.16 | 108,108,108,108 | 7 |
| 91 | MG | 5 | 3644 | 1/1 | 0.93 | 0.22 | 72,72,72,72 | 0 |
| 92 | OHX | 2 | 2169 | 7/7 | 0.93 | 0.13 | 96,96,96,96 | 7 |
| 91 | MG | 5 | 3645 | 1/1 | 0.93 | 0.10 | 51,51,51,51 | 0 |
| 92 | OHX | 8 | 235 | 7/7 | 0.93 | 0.14 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4361 | 7/7 | 0.93 | 0.25 | 65,65,65,65 | 7 |
| 91 | MG | 2 | 2033 | 1/1 | 0.93 | 0.17 | 71,71,71,71 | 1 |
| 92 | OHX | 1 | 4344 | 7/7 | 0.93 | 0.17 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3647 | 1/1 | 0.93 | 0.08 | 68,68,68,68 | 0 |
| 92 | OHX | 5 | 4366 | 7/7 | 0.93 | 0.17 | 90,90,90,90 | 7 |
| 91 | MG | 6 | 1937 | 1/1 | 0.93 | 0.38 | 69,69,69,69 | 0 |
| 92 | OHX | 2 | 2175 | 7/7 | 0.93 | 0.14 | 113,113,113,113 | 7 |
| 92 | OHX | 1 | 4348 | 7/7 | 0.93 | 0.26 | 54,54,54,54 | 7 |
| 92 | OHX | 2 | 2176 | 7/7 | 0.93 | 0.18 | 96,96,96,96 | 7 |
| 92 | OHX | 2 | 2177 | 7/7 | 0.93 | 0.18 | 81,81,81,81 | 7 |
| 92 | OHX | 2 | 2178 | 7/7 | 0.93 | 0.12 | 107,107,107,107 | 7 |
| 91 | MG | 5 | 3650 | 1/1 | 0.93 | 0.40 | 61,61,61,61 | 1 |
| 92 | OHX | 2 | 2181 | 7/7 | 0.93 | 0.08 | 165,165,165,165 | 7 |
| 91 | MG | 6 | 2010 | 1/1 | 0.93 | 0.12 | 84,84,84,84 | 0 |
| 92 | OHX | 2 | 2185 | 7/7 | 0.93 | 0.12 | 115,115,115,115 | 7 |
| 91 | MG | 5 | 3519 | 1/1 | 0.93 | 0.28 | 40,40,40,40 | 0 |
| 91 | MG | 1 | 4060 | 1/1 | 0.93 | 0.15 | 71,71,71,71 | 0 |
| 91 | MG | 6 | 2090 | 1/1 | 0.93 | 0.13 | 84,84,84,84 | 1 |
| 92 | OHX | 1 | 4360 | 7/7 | 0.93 | 0.26 | 64,64,64,64 | 7 |
| 91 | MG | 5 | 3522 | 1/1 | 0.93 | 0.37 | 40,40,40,40 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3524 | 1/1 | 0.93 | 0.23 | 60,60,60,60 | 0 |
| 92 | OHX | 5 | 4386 | 7/7 | 0.93 | 0.13 | 114,114,114,114 | 7 |
| 92 | OHX | 6 | 2208 | 7/7 | 0.93 | 0.20 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4388 | 7/7 | 0.93 | 0.08 | 136,136,136,136 | 7 |
| 91 | MG | 1 | 3668 | 1/1 | 0.93 | 0.10 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3659 | 1/1 | 0.93 | 0.07 | 41,41,41,41 | 0 |
| 92 | OHX | 2 | 2179 | 7/7 | 0.94 | 0.15 | 80,80,80,80 | 7 |
| 91 | MG | 6 | 1916 | 1/1 | 0.94 | 0.21 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3955 | 1/1 | 0.94 | 0.15 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 3956 | 1/1 | 0.94 | 0.14 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3485 | 1/1 | 0.94 | 0.20 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4349 | 7/7 | 0.94 | 0.19 | 63,63,63,63 | 7 |
| 92 | OHX | 6 | 2195 | 7/7 | 0.94 | 0.11 | 149,149,149,149 | 7 |
| 91 | MG | 1 | 3522 | 1/1 | 0.94 | 0.31 | 42,42,42,42 | 0 |
| 92 | OHX | 6 | 2202 | 7/7 | 0.94 | 0.19 | 89,89,89,89 | 7 |
| 91 | MG | L4 | 406 | 1/1 | 0.94 | 0.20 | 54,54,54,54 | 1 |
| 91 | MG | 5 | 3419 | 1/1 | 0.94 | 0.20 | 47,47,47,47 | 0 |
| 91 | MG | 5 | 3529 | 1/1 | 0.94 | 0.34 | 38,38,38,38 | 0 |
| 91 | MG | 2 | 1991 | 1/1 | 0.94 | 0.12 | 80,80,80,80 | 0 |
| 92 | OHX | 2 | 2191 | 7/7 | 0.94 | 0.17 | 85,85,85,85 | 7 |
| 91 | MG | 1 | 3578 | 1/1 | 0.94 | 0.20 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3731 | 1/1 | 0.94 | 0.13 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3774 | 1/1 | 0.94 | 0.09 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3665 | 1/1 | 0.94 | 0.08 | 53,53,53,53 | 0 |
| 92 | OHX | 6 | 2225 | 7/7 | 0.94 | 0.17 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3800 | 1/1 | 0.94 | 0.28 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3827 | 1/1 | 0.94 | 0.16 | 69,69,69,69 | 0 |
| 91 | MG | 6 | 2088 | 1/1 | 0.94 | 0.07 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 4020 | 1/1 | 0.94 | 0.11 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4401 | 7/7 | 0.94 | 0.17 | 73,73,73,73 | 7 |
| 92 | OHX | 5 | 4402 | 7/7 | 0.94 | 0.18 | 79,79,79,79 | 7 |
| 91 | MG | 1 | 3732 | 1/1 | 0.94 | 0.15 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3671 | 1/1 | 0.94 | 0.05 | 64,64,64,64 | 0 |
| 91 | MG | 7 | 220 | 1/1 | 0.94 | 0.33 | 63,63,63,63 | 1 |
| 92 | OHX | 6 | 2236 | 7/7 | 0.94 | 0.10 | 122,122,122,122 | 7 |
| 92 | OHX | 1 | 4367 | 7/7 | 0.94 | 0.15 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4408 | 7/7 | 0.94 | 0.13 | 79,79,79,79 | 7 |
| 91 | MG | 1 | 4023 | 1/1 | 0.94 | 0.28 | 50,50,50,50 | 1 |
| 91 | MG | 6 | 1929 | 1/1 | 0.94 | 0.28 | 61,61,61,61 | 0 |
| 92 | OHX | 6 | 2241 | 7/7 | 0.94 | 0.15 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3432 | 1/1 | 0.94 | 0.13 | 49,49,49,49 | 0 |
| 91 | MG | 6 | 2094 | 1/1 | 0.94 | 0.08 | 88,88,88,88 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 6 | 2244 | 7/7 | 0.94 | 0.23 | 73,73,73,73 | 7 |
| 92 | OHX | 5 | 4416 | 7/7 | 0.94 | 0.26 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3499 | 1/1 | 0.94 | 0.10 | 62,62,62,62 | 0 |
| 92 | OHX | 6 | 2246 | 7/7 | 0.94 | 0.22 | 72,72,72,72 | 7 |
| 92 | OHX | 5 | 4419 | 7/7 | 0.94 | 0.20 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 3986 | 1/1 | 0.94 | 0.24 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3664 | 1/1 | 0.94 | 0.16 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3988 | 1/1 | 0.94 | 0.15 | 65,65,65,65 | 0 |
| 91 | MG | 1 | 3639 | 1/1 | 0.94 | 0.17 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 3681 | 1/1 | 0.94 | 0.27 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 3816 | 1/1 | 0.94 | 0.08 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3834 | 1/1 | 0.94 | 0.27 | 71,71,71,71 | 0 |
| 91 | MG | 1 | 3424 | 1/1 | 0.94 | 0.20 | 56,56,56,56 | 0 |
| 92 | OHX | 2 | 2218 | 7/7 | 0.94 | 0.11 | 111,111,111,111 | 7 |
| 91 | MG | 1 | 3479 | 1/1 | 0.94 | 0.07 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3998 | 1/1 | 0.94 | 0.08 | 67,67,67,67 | 0 |
| 91 | MG | 8 | 210 | 1/1 | 0.94 | 0.13 | 60,60,60,60 | 0 |
| 92 | OHX | 6 | 2261 | 7/7 | 0.94 | 0.16 | 72,72,72,72 | 7 |
| 91 | MG | 5 | 3441 | 1/1 | 0.94 | 0.14 | 62,62,62,62 | 0 |
| 91 | MG | 6 | 2015 | 1/1 | 0.94 | 0.15 | 87,87,87,87 | 0 |
| 91 | MG | 5 | 3825 | 1/1 | 0.94 | 0.09 | 77,77,77,77 | 0 |
| 91 | MG | 5 | 3443 | 1/1 | 0.94 | 0.39 | 44,44,44,44 | 0 |
| 92 | OHX | 6 | 2266 | 7/7 | 0.94 | 0.08 | 162,162,162,162 | 7 |
| 91 | MG | M6 | 201 | 1/1 | 0.94 | 0.31 | 51,51,51,51 | 1 |
| 91 | MG | 1 | 3489 | 1/1 | 0.94 | 0.19 | 56,56,56,56 | 0 |
| 92 | OHX | 5 | 4440 | 7/7 | 0.94 | 0.24 | 68,68,68,68 | 7 |
| 91 | MG | 8 | 217 | 1/1 | 0.94 | 0.17 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3831 | 1/1 | 0.94 | 0.07 | 71,71,71,71 | 0 |
| 91 | MG | 6 | 1938 | 1/1 | 0.94 | 0.15 | 72,72,72,72 | 0 |
| 91 | MG | M6 | 204 | 1/1 | 0.94 | 0.20 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3442 | 1/1 | 0.94 | 0.12 | 44,44,44,44 | 0 |
| 91 | MG | l2 | 302 | 1/1 | 0.94 | 0.26 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 4013 | 1/1 | 0.94 | 0.20 | 57,57,57,57 | 1 |
| 91 | MG | 6 | 2022 | 1/1 | 0.94 | 0.13 | 63,63,63,63 | 0 |
| 91 | MG | M7 | 202 | 1/1 | 0.94 | 0.12 | 58,58,58,58 | 1 |
| 91 | MG | 5 | 3699 | 1/1 | 0.94 | 0.14 | 45,45,45,45 | 0 |
| 92 | OHX | 6 | 2279 | 7/7 | 0.94 | 0.19 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 4034 | 1/1 | 0.94 | 0.18 | 50,50,50,50 | 1 |
| 91 | MG | 1 | 3439 | 1/1 | 0.94 | 0.37 | 42,42,42,42 | 0 |
| 92 | OHX | 5 | 4455 | 7/7 | 0.94 | 0.16 | 81,81,81,81 | 7 |
| 91 | MG | 1 | 4038 | 1/1 | 0.94 | 0.09 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3458 | 1/1 | 0.94 | 0.17 | 48,48,48,48 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3840 | 1/1 | 0.94 | 0.11 | 65,65,65,65 | 0 |
| 91 | MG | 1 | 3645 | 1/1 | 0.94 | 0.21 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3706 | 1/1 | 0.94 | 0.27 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3578 | 1/1 | 0.94 | 0.39 | 54,54,54,54 | 0 |
| 91 | MG | 5 | 4036 | 1/1 | 0.94 | 0.22 | 50,50,50,50 | 1 |
| 91 | MG | l5 | 301 | 1/1 | 0.94 | 0.14 | 64,64,64,64 | 1 |
| 91 | MG | 5 | 3849 | 1/1 | 0.94 | 0.10 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3851 | 1/1 | 0.94 | 0.06 | 60,60,60,60 | 0 |
| 91 | MG | 1 | 3967 | 1/1 | 0.94 | 0.24 | 48,48,48,48 | 1 |
| 91 | MG | 1 | 3590 | 1/1 | 0.94 | 0.27 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3856 | 1/1 | 0.94 | 0.22 | 49,49,49,49 | 1 |
| 91 | MG | 6 | 2122 | 1/1 | 0.94 | 0.13 | 75,75,75,75 | 1 |
| 91 | MG | 1 | 4043 | 1/1 | 0.94 | 0.48 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 3705 | 1/1 | 0.94 | 0.17 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 3714 | 1/1 | 0.94 | 0.29 | 49,49,49,49 | 1 |
| 92 | OHX | S2 | 303 | 7/7 | 0.94 | 0.21 | 98,98,98,98 | 7 |
| 91 | MG | 1 | 3706 | 1/1 | 0.94 | 0.28 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3565 | 1/1 | 0.94 | 0.15 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3872 | 1/1 | 0.94 | 0.15 | 47,47,47,47 | 1 |
| 91 | MG | 1 | 3618 | 1/1 | 0.94 | 0.34 | 60,60,60,60 | 0 |
| 92 | OHX | C8 | 203 | 7/7 | 0.94 | 0.11 | 107,107,107,107 | 7 |
| 91 | MG | 5 | 4060 | 1/1 | 0.94 | 0.46 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3795 | 1/1 | 0.94 | 0.12 | 64,64,64,64 | 0 |
| 92 | OHX | 1 | 4156 | 7/7 | 0.94 | 0.31 | 63,63,63,63 | 7 |
| 92 | OHX | 1 | 4180 | 7/7 | 0.94 | 0.26 | 65,65,65,65 | 7 |
| 92 | OHX | 1 | 4435 | 7/7 | 0.94 | 0.13 | 87,87,87,87 | 7 |
| 91 | MG | m4 | 201 | 1/1 | 0.94 | 0.10 | 68,68,68,68 | 0 |
| 92 | OHX | 1 | 4202 | 7/7 | 0.94 | 0.14 | 107,107,107,107 | 7 |
| 91 | MG | 5 | 3592 | 1/1 | 0.94 | 0.36 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4213 | 7/7 | 0.94 | 0.20 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 3976 | 1/1 | 0.94 | 0.11 | 68,68,68,68 | 1 |
| 92 | OHX | 1 | 4221 | 7/7 | 0.94 | 0.23 | 77,77,77,77 | 7 |
| 91 | MG | 5 | 4064 | 1/1 | 0.94 | 0.19 | 50,50,50,50 | 1 |
| 91 | MG | 1 | 3851 | 1/1 | 0.94 | 0.13 | 70,70,70,70 | 0 |
| 92 | OHX | 1 | 4228 | 7/7 | 0.94 | 0.27 | 62,62,62,62 | 7 |
| 92 | OHX | 1 | 4231 | 7/7 | 0.94 | 0.12 | 151,151,151,151 | 7 |
| 91 | MG | 5 | 3882 | 1/1 | 0.94 | 0.14 | 46,46,46,46 | 0 |
| 91 | MG | 5 | 3883 | 1/1 | 0.94 | 0.09 | 52,52,52,52 | 1 |
| 92 | OHX | 1 | 4238 | 7/7 | 0.94 | 0.19 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3595 | 1/1 | 0.94 | 0.34 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3709 | 1/1 | 0.94 | 0.24 | 65,65,65,65 | 0 |
| 92 | OHX | 1 | 4243 | 7/7 | 0.94 | 0.20 | 76,76,76,76 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3549 | 1/1 | 0.94 | 0.20 | 56,56,56,56 | 0 |
| 91 | MG | O1 | 201 | 1/1 | 0.94 | 0.09 | 81,81,81,81 | 1 |
| 91 | MG | 6 | 2044 | 1/1 | 0.94 | 0.14 | 72,72,72,72 | 0 |
| 91 | MG | n0 | 203 | 1/1 | 0.94 | 0.23 | 56,56,56,56 | 0 |
| 91 | MG | n0 | 205 | 1/1 | 0.94 | 0.16 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3603 | 1/1 | 0.94 | 0.32 | 49,49,49,49 | 0 |
| 91 | MG | 6 | 1962 | 1/1 | 0.94 | 0.35 | 75,75,75,75 | 0 |
| 91 | MG | 5 | 4082 | 1/1 | 0.94 | 0.23 | 60,60,60,60 | 0 |
| 92 | OHX | 1 | 4257 | 7/7 | 0.94 | 0.13 | 109,109,109,109 | 7 |
| 91 | MG | 5 | 4084 | 1/1 | 0.94 | 0.46 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3798 | 1/1 | 0.94 | 0.09 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3856 | 1/1 | 0.94 | 0.10 | 90,90,90,90 | 0 |
| 91 | MG | 5 | 3609 | 1/1 | 0.94 | 0.41 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3750 | 1/1 | 0.94 | 0.25 | 68,68,68,68 | 0 |
| 92 | OHX | 1 | 4266 | 7/7 | 0.94 | 0.26 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3611 | 1/1 | 0.94 | 0.08 | 60,60,60,60 | 0 |
| 92 | OHX | 1 | 4271 | 7/7 | 0.94 | 0.15 | 96,96,96,96 | 7 |
| 92 | OHX | c5 | 201 | 7/7 | 0.94 | 0.09 | 127,127,127,127 | 7 |
| 91 | MG | 5 | 3738 | 1/1 | 0.94 | 0.21 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3739 | 1/1 | 0.94 | 0.29 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 4094 | 1/1 | 0.94 | 0.26 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3488 | 1/1 | 0.94 | 0.28 | 38,38,38,38 | 0 |
| 91 | MG | 1 | 4058 | 1/1 | 0.94 | 0.29 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4210 | 7/7 | 0.94 | 0.31 | 54,54,54,54 | 7 |
| 91 | MG | 5 | 4097 | 1/1 | 0.94 | 0.25 | 54,54,54,54 | 1 |
| 92 | OHX | 1 | 4476 | 7/7 | 0.94 | 0.20 | 84,84,84,84 | 7 |
| 92 | OHX | 5 | 4247 | 7/7 | 0.94 | 0.23 | 61,61,61,61 | 7 |
| 92 | OHX | 5 | 4251 | 7/7 | 0.94 | 0.17 | 89,89,89,89 | 7 |
| 92 | OHX | 5 | 4259 | 7/7 | 0.94 | 0.27 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3743 | 1/1 | 0.94 | 0.11 | 60,60,60,60 | 0 |
| 92 | OHX | 5 | 4264 | 7/7 | 0.94 | 0.21 | 80,80,80,80 | 7 |
| 91 | MG | 5 | 3490 | 1/1 | 0.94 | 0.12 | 62,62,62,62 | 0 |
| 92 | OHX | 1 | 4289 | 7/7 | 0.94 | 0.17 | 111,111,111,111 | 7 |
| 92 | OHX | 5 | 4278 | 7/7 | 0.94 | 0.24 | 65,65,65,65 | 7 |
| 92 | OHX | 5 | 4281 | 7/7 | 0.94 | 0.19 | 65,65,65,65 | 7 |
| 92 | OHX | 1 | 4291 | 7/7 | 0.94 | 0.18 | 77,77,77,77 | 7 |
| 92 | OHX | 1 | 4481 | 7/7 | 0.94 | 0.23 | 78,78,78,78 | 7 |
| 92 | OHX | 5 | 4287 | 7/7 | 0.94 | 0.21 | 56,56,56,56 | 7 |
| 92 | OHX | 1 | 4292 | 7/7 | 0.94 | 0.09 | 157,157,157,157 | 7 |
| 92 | OHX | 5 | 4545 | 7/7 | 0.94 | 0.16 | 73,73,73,73 | 7 |
| 91 | MG | 4 | 210 | 1/1 | 0.94 | 0.20 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 4059 | 1/1 | 0.94 | 0.17 | 62,62,62,62 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3920 | 1/1 | 0.94 | 0.13 | 59,59,59,59 | 1 |
| 92 | OHX | 1 | 4487 | 7/7 | 0.94 | 0.18 | 91,91,91,91 | 7 |
| 91 | MG | 1 | 3677 | 1/1 | 0.94 | 0.21 | 52,52,52,52 | 0 |
| 92 | OHX | 2 | 2113 | 7/7 | 0.94 | 0.13 | 115,115,115,115 | 7 |
| 91 | MG | 1 | 3650 | 1/1 | 0.94 | 0.10 | 65,65,65,65 | 0 |
| 92 | OHX | 5 | 4303 | 7/7 | 0.94 | 0.21 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4554 | 7/7 | 0.94 | 0.21 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4491 | 7/7 | 0.94 | 0.21 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4306 | 7/7 | 0.94 | 0.21 | 67,67,67,67 | 7 |
| 91 | MG | 4 | 216 | 1/1 | 0.94 | 0.10 | 54,54,54,54 | 0 |
| 92 | OHX | 2 | 2124 | 7/7 | 0.94 | 0.12 | 107,107,107,107 | 7 |
| 92 | OHX | 5 | 4312 | 7/7 | 0.94 | 0.25 | 64,64,64,64 | 7 |
| 92 | OHX | 2 | 2127 | 7/7 | 0.94 | 0.10 | 134,134,134,134 | 7 |
| 91 | MG | 4 | 217 | 1/1 | 0.94 | 0.21 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3863 | 1/1 | 0.94 | 0.09 | 51,51,51,51 | 1 |
| 92 | OHX | 2 | 2130 | 7/7 | 0.94 | 0.14 | 111,111,111,111 | 7 |
| 92 | OHX | 2 | 2132 | 7/7 | 0.94 | 0.11 | 114,114,114,114 | 7 |
| 92 | OHX | 2 | 2135 | 7/7 | 0.94 | 0.17 | 105,105,105,105 | 7 |
| 91 | MG | 1 | 3715 | 1/1 | 0.94 | 0.29 | 58,58,58,58 | 0 |
| 92 | OHX | 5 | 4327 | 7/7 | 0.94 | 0.21 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3462 | 1/1 | 0.94 | 0.24 | 44,44,44,44 | 0 |
| 91 | MG | 5 | 3631 | 1/1 | 0.94 | 0.10 | 47,47,47,47 | 0 |
| 92 | OHX | 2 | 2141 | 7/7 | 0.94 | 0.16 | 112,112,112,112 | 7 |
| 92 | OHX | 5 | 4333 | 7/7 | 0.94 | 0.22 | 79,79,79,79 | 7 |
| 92 | OHX | 2 | 2142 | 7/7 | 0.94 | 0.10 | 150,150,150,150 | 7 |
| 91 | MG | 1 | 3805 | 1/1 | 0.94 | 0.12 | 61,61,61,61 | 0 |
| 92 | OHX | 5 | 4338 | 7/7 | 0.94 | 0.24 | 67,67,67,67 | 7 |
| 91 | MG | 1 | 3551 | 1/1 | 0.94 | 0.23 | 67,67,67,67 | 0 |
| 92 | OHX | 3 | 220 | 7/7 | 0.94 | 0.28 | 63,63,63,63 | 7 |
| 92 | OHX | 8 | 228 | 7/7 | 0.94 | 0.17 | 91,91,91,91 | 7 |
| 91 | MG | 1 | 3995 | 1/1 | 0.94 | 0.12 | 70,70,70,70 | 1 |
| 92 | OHX | 8 | 231 | 7/7 | 0.94 | 0.16 | 94,94,94,94 | 7 |
| 91 | MG | 5 | 4121 | 1/1 | 0.94 | 0.21 | 52,52,52,52 | 0 |
| 91 | MG | 1 | 3455 | 1/1 | 0.94 | 0.27 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3683 | 1/1 | 0.94 | 0.15 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3684 | 1/1 | 0.94 | 0.05 | 66,66,66,66 | 0 |
| 91 | MG | 6 | 2067 | 1/1 | 0.94 | 0.12 | 80,80,80,80 | 1 |
| 92 | OHX | 5 | 4349 | 7/7 | 0.94 | 0.16 | 72,72,72,72 | 7 |
| 91 | MG | 1 | 4003 | 1/1 | 0.94 | 0.18 | 76,76,76,76 | 0 |
| 91 | MG | 1 | 3570 | 1/1 | 0.94 | 0.26 | 44,44,44,44 | 0 |
| 91 | MG | 5 | 3403 | 1/1 | 0.94 | 0.24 | 48,48,48,48 | 0 |
| 92 | OHX | 4 | 237 | 7/7 | 0.94 | 0.16 | 83,83,83,83 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3935 | 1/1 | 0.94 | 0.29 | 52,52,52,52 | 1 |
| 92 | OHX | 5 | 4356 | 7/7 | 0.94 | 0.17 | 83,83,83,83 | 7 |
| 92 | OHX | 4 | 243 | 7/7 | 0.94 | 0.17 | 104,104,104,104 | 7 |
| 91 | MG | 5 | 3770 | 1/1 | 0.94 | 0.17 | 49,49,49,49 | 1 |
| 91 | MG | L2 | 301 | 1/1 | 0.94 | 0.12 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3772 | 1/1 | 0.94 | 0.09 | 58,58,58,58 | 1 |
| 91 | MG | 6 | 2072 | 1/1 | 0.94 | 0.11 | 91,91,91,91 | 0 |
| 91 | MG | 5 | 3775 | 1/1 | 0.94 | 0.18 | 52,52,52,52 | 0 |
| 91 | MG | 6 | 2073 | 1/1 | 0.94 | 0.09 | 73,73,73,73 | 0 |
| 91 | MG | L2 | 302 | 1/1 | 0.94 | 0.39 | 57,57,57,57 | 1 |
| 91 | MG | 6 | 1991 | 1/1 | 0.94 | 0.11 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3597 | 1/1 | 0.94 | 0.33 | 59,59,59,59 | 0 |
| 92 | OHX | 1 | 4338 | 7/7 | 0.94 | 0.20 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4370 | 7/7 | 0.94 | 0.22 | 60,60,60,60 | 7 |
| 91 | MG | 1 | 3450 | 1/1 | 0.94 | 0.19 | 55,55,55,55 | 0 |
| 92 | OHX | 1 | 4340 | 7/7 | 0.94 | 0.17 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4341 | 7/7 | 0.94 | 0.15 | 112,112,112,112 | 7 |
| 92 | OHX | M5 | 310 | 7/7 | 0.94 | 0.21 | 81,81,81,81 | 7 |
| 91 | MG | 1 | 3535 | 1/1 | 0.94 | 0.18 | 47,47,47,47 | 0 |
| 92 | OHX | 5 | 4376 | 7/7 | 0.94 | 0.11 | 90,90,90,90 | 7 |
| 91 | MG | 5 | 3868 | 1/1 | 0.95 | 0.13 | 54,54,54,54 | 0 |
| 92 | OHX | 2 | 2123 | 7/7 | 0.95 | 0.14 | 98,98,98,98 | 7 |
| 91 | MG | 5 | 3869 | 1/1 | 0.95 | 0.21 | 51,51,51,51 | 1 |
| 92 | OHX | 2 | 2125 | 7/7 | 0.95 | 0.14 | 89,89,89,89 | 7 |
| 92 | OHX | 2 | 2126 | 7/7 | 0.95 | 0.17 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3460 | 1/1 | 0.95 | 0.31 | 67,67,67,67 | 0 |
| 91 | MG | 1 | 3831 | 1/1 | 0.95 | 0.14 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 3756 | 1/1 | 0.95 | 0.12 | 98,98,98,98 | 0 |
| 92 | OHX | 1 | 4249 | 7/7 | 0.95 | 0.15 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 4572 | 1/1 | 0.95 | 0.07 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3873 | 1/1 | 0.95 | 0.11 | 54,54,54,54 | 0 |
| 92 | OHX | 1 | 4253 | 7/7 | 0.95 | 0.16 | 80,80,80,80 | 7 |
| 92 | OHX | 2 | 2133 | 7/7 | 0.95 | 0.14 | 107,107,107,107 | 7 |
| 91 | MG | 7 | 203 | 1/1 | 0.95 | 0.30 | 39,39,39,39 | 0 |
| 91 | MG | 6 | 2109 | 1/1 | 0.95 | 0.08 | 97,97,97,97 | 0 |
| 92 | OHX | 1 | 4258 | 7/7 | 0.95 | 0.28 | 60,60,60,60 | 7 |
| 91 | MG | 5 | 3758 | 1/1 | 0.95 | 0.24 | 55,55,55,55 | 0 |
| 92 | OHX | 2 | 2138 | 7/7 | 0.95 | 0.16 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3876 | 1/1 | 0.95 | 0.10 | 54,54,54,54 | 0 |
| 92 | OHX | 2 | 2140 | 7/7 | 0.95 | 0.16 | 95,95,95,95 | 7 |
| 91 | MG | 5 | 3574 | 1/1 | 0.95 | 0.31 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3902 | 1/1 | 0.95 | 0.23 | 54,54,54,54 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4268 | 7/7 | 0.95 | 0.10 | 123,123,123,123 | 7 |
| 92 | OHX | 2 | 2146 | 7/7 | 0.95 | 0.08 | 129,129,129,129 | 7 |
| 92 | OHX | 2 | 2147 | 7/7 | 0.95 | 0.17 | 85,85,85,85 | 7 |
| 91 | MG | 5 | 4007 | 1/1 | 0.95 | 0.13 | 77,77,77,77 | 0 |
| 91 | MG | 1 | 3800 | 1/1 | 0.95 | 0.14 | 55,55,55,55 | 1 |
| 91 | MG | 1 | 3722 | 1/1 | 0.95 | 0.17 | 47,47,47,47 | 0 |
| 91 | MG | 2 | 1970 | 1/1 | 0.95 | 0.06 | 79,79,79,79 | 0 |
| 92 | OHX | 1 | 4278 | 7/7 | 0.95 | 0.14 | 90,90,90,90 | 7 |
| 92 | OHX | 2 | 2153 | 7/7 | 0.95 | 0.17 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4283 | 7/7 | 0.95 | 0.23 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 3449 | 1/1 | 0.95 | 0.14 | 47,47,47,47 | 0 |
| 92 | OHX | 2 | 2155 | 7/7 | 0.95 | 0.15 | 83,83,83,83 | 7 |
| 92 | OHX | 1 | 4286 | 7/7 | 0.95 | 0.13 | 102,102,102,102 | 7 |
| 91 | MG | 5 | 3765 | 1/1 | 0.95 | 0.41 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 3888 | 1/1 | 0.95 | 0.12 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4290 | 7/7 | 0.95 | 0.16 | 54,54,54,54 | 7 |
| 91 | MG | L2 | 303 | 1/1 | 0.95 | 0.10 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3725 | 1/1 | 0.95 | 0.13 | 57,57,57,57 | 0 |
| 91 | MG | 1 | 3870 | 1/1 | 0.95 | 0.27 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3588 | 1/1 | 0.95 | 0.08 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3895 | 1/1 | 0.95 | 0.07 | 72,72,72,72 | 0 |
| 91 | MG | 5 | 4026 | 1/1 | 0.95 | 0.10 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 4029 | 1/1 | 0.95 | 0.24 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 3463 | 1/1 | 0.95 | 0.23 | 45,45,45,45 | 0 |
| 91 | MG | 5 | 3504 | 1/1 | 0.95 | 0.09 | 51,51,51,51 | 0 |
| 92 | OHX | 1 | 4301 | 7/7 | 0.95 | 0.20 | 57,57,57,57 | 7 |
| 91 | MG | 5 | 3679 | 1/1 | 0.95 | 0.30 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3587 | 1/1 | 0.95 | 0.21 | 44,44,44,44 | 0 |
| 91 | MG | O9 | 101 | 1/1 | 0.95 | 0.18 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3776 | 1/1 | 0.95 | 0.14 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3902 | 1/1 | 0.95 | 0.16 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 4039 | 1/1 | 0.95 | 0.10 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 4043 | 1/1 | 0.95 | 0.22 | 49,49,49,49 | 1 |
| 91 | MG | 5 | 3682 | 1/1 | 0.95 | 0.07 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3591 | 1/1 | 0.95 | 0.18 | 45,45,45,45 | 0 |
| 91 | MG | 5 | 3905 | 1/1 | 0.95 | 0.39 | 49,49,49,49 | 1 |
| 91 | MG | 6 | 1947 | 1/1 | 0.95 | 0.29 | 49,49,49,49 | 0 |
| 92 | OHX | 2 | 2184 | 7/7 | 0.95 | 0.10 | 111,111,111,111 | 7 |
| 91 | MG | 1 | 3404 | 1/1 | 0.95 | 0.21 | 52,52,52,52 | 0 |
| 91 | MG | 1 | 4006 | 1/1 | 0.95 | 0.16 | 46,46,46,46 | 0 |
| 91 | MG | 6 | 1950 | 1/1 | 0.95 | 0.38 | 54,54,54,54 | 0 |
| 91 | MG | 6 | 2127 | 1/1 | 0.95 | 0.17 | 102,102,102,102 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 6 | 2339 | 7/7 | 0.95 | 0.10 | 126,126,126,126 | 7 |
| 91 | MG | L4 | 407 | 1/1 | 0.95 | 0.43 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 4057 | 1/1 | 0.95 | 0.20 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3957 | 1/1 | 0.95 | 0.16 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3693 | 1/1 | 0.95 | 0.14 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3577 | 1/1 | 0.95 | 0.44 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3624 | 1/1 | 0.95 | 0.15 | 61,61,61,61 | 0 |
| 91 | MG | 1 | 3606 | 1/1 | 0.95 | 0.27 | 42,42,42,42 | 0 |
| 92 | OHX | c8 | 204 | 7/7 | 0.95 | 0.12 | 110,110,110,110 | 7 |
| 91 | MG | 1 | 3962 | 1/1 | 0.95 | 0.10 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3811 | 1/1 | 0.95 | 0.17 | 50,50,50,50 | 1 |
| 91 | MG | 1 | 3626 | 1/1 | 0.95 | 0.26 | 49,49,49,49 | 0 |
| 92 | OHX | 5 | 4481 | 7/7 | 0.95 | 0.18 | 63,63,63,63 | 7 |
| 91 | MG | 5 | 4066 | 1/1 | 0.95 | 0.29 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3847 | 1/1 | 0.95 | 0.16 | 54,54,54,54 | 1 |
| 92 | OHX | 5 | 4216 | 7/7 | 0.95 | 0.27 | 56,56,56,56 | 7 |
| 91 | MG | l3 | 405 | 1/1 | 0.95 | 0.12 | 46,46,46,46 | 1 |
| 92 | OHX | 5 | 4487 | 7/7 | 0.95 | 0.14 | 87,87,87,87 | 7 |
| 91 | MG | 5 | 3799 | 1/1 | 0.95 | 0.38 | 55,55,55,55 | 1 |
| 92 | OHX | 5 | 4235 | 7/7 | 0.95 | 0.18 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4242 | 7/7 | 0.95 | 0.23 | 66,66,66,66 | 7 |
| 91 | MG | 1 | 3969 | 1/1 | 0.95 | 0.13 | 75,75,75,75 | 0 |
| 92 | OHX | 2 | 2205 | 7/7 | 0.95 | 0.17 | 73,73,73,73 | 7 |
| 92 | OHX | 5 | 4493 | 7/7 | 0.95 | 0.11 | 111,111,111,111 | 7 |
| 92 | OHX | 5 | 4252 | 7/7 | 0.95 | 0.20 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4257 | 7/7 | 0.95 | 0.23 | 56,56,56,56 | 7 |
| 92 | OHX | 5 | 4258 | 7/7 | 0.95 | 0.21 | 77,77,77,77 | 7 |
| 92 | OHX | 3 | 222 | 7/7 | 0.95 | 0.19 | 94,94,94,94 | 7 |
| 91 | MG | 5 | 3523 | 1/1 | 0.95 | 0.10 | 52,52,52,52 | 0 |
| 91 | MG | 5 | 3613 | 1/1 | 0.95 | 0.11 | 60,60,60,60 | 0 |
| 92 | OHX | 5 | 4271 | 7/7 | 0.95 | 0.09 | 145,145,145,145 | 7 |
| 91 | MG | 5 | 4074 | 1/1 | 0.95 | 0.10 | 67,67,67,67 | 0 |
| 92 | OHX | 5 | 4274 | 7/7 | 0.95 | 0.18 | 71,71,71,71 | 7 |
| 91 | MG | 6 | 2017 | 1/1 | 0.95 | 0.12 | 66,66,66,66 | 0 |
| 92 | OHX | 5 | 4277 | 7/7 | 0.95 | 0.28 | 56,56,56,56 | 7 |
| 91 | MG | l4 | 402 | 1/1 | 0.95 | 0.10 | 60,60,60,60 | 0 |
| 92 | OHX | 5 | 4279 | 7/7 | 0.95 | 0.21 | 64,64,64,64 | 7 |
| 91 | MG | 5 | 3929 | 1/1 | 0.95 | 0.10 | 55,55,55,55 | 0 |
| 91 | MG | 5 | 3615 | 1/1 | 0.95 | 0.25 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3710 | 1/1 | 0.95 | 0.06 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3971 | 1/1 | 0.95 | 0.21 | 46,46,46,46 | 1 |
| 92 | OHX | 4 | 239 | 7/7 | 0.95 | 0.20 | 71,71,71,71 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4289 | 7/7 | 0.95 | 0.12 | 121,121,121,121 | 7 |
| 91 | MG | 1 | 3627 | 1/1 | 0.95 | 0.13 | 51,51,51,51 | 0 |
| 91 | MG | 2 | 2009 | 1/1 | 0.95 | 0.10 | 71,71,71,71 | 0 |
| 91 | MG | s1 | 301 | 1/1 | 0.95 | 0.11 | 93,93,93,93 | 0 |
| 91 | MG | 17 | 302 | 1/1 | 0.95 | 0.19 | 48,48,48,48 | 1 |
| 91 | MG | 1 | 3579 | 1/1 | 0.95 | 0.19 | 50,50,50,50 | 0 |
| 92 | OHX | 5 | 4296 | 7/7 | 0.95 | 0.13 | 108,108,108,108 | 7 |
| 91 | MG | 1 | 3886 | 1/1 | 0.95 | 0.25 | 58,58,58,58 | 1 |
| 91 | MG | 4 | 207 | 1/1 | 0.95 | 0.33 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3624 | 1/1 | 0.95 | 0.18 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3852 | 1/1 | 0.95 | 0.22 | 45,45,45,45 | 1 |
| 92 | OHX | 5 | 4305 | 7/7 | 0.95 | 0.16 | 89,89,89,89 | 7 |
| 91 | MG | 5 | 3942 | 1/1 | 0.95 | 0.13 | 63,63,63,63 | 0 |
| 92 | OHX | 5 | 4307 | 7/7 | 0.95 | 0.17 | 71,71,71,71 | 7 |
| 91 | MG | 5 | 3818 | 1/1 | 0.95 | 0.13 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3946 | 1/1 | 0.95 | 0.14 | 48,48,48,48 | 1 |
| 92 | OHX | 5 | 4311 | 7/7 | 0.95 | 0.21 | 66,66,66,66 | 7 |
| 91 | MG | 5 | 3626 | 1/1 | 0.95 | 0.34 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4314 | 7/7 | 0.95 | 0.16 | 105,105,105,105 | 7 |
| 91 | MG | 5 | 3535 | 1/1 | 0.95 | 0.32 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3580 | 1/1 | 0.95 | 0.32 | 41,41,41,41 | 0 |
| 91 | MG | 1 | 3979 | 1/1 | 0.95 | 0.10 | 50,50,50,50 | 1 |
| 92 | OHX | 5 | 4319 | 7/7 | 0.95 | 0.23 | 68,68,68,68 | 7 |
| 91 | MG | m6 | 202 | 1/1 | 0.95 | 0.16 | 51,51,51,51 | 1 |
| 92 | OHX | 5 | 4321 | 7/7 | 0.95 | 0.08 | 119,119,119,119 | 7 |
| 91 | MG | 4 | 211 | 1/1 | 0.95 | 0.16 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3633 | 1/1 | 0.95 | 0.23 | 55,55,55,55 | 0 |
| 91 | MG | m7 | 201 | 1/1 | 0.95 | 0.13 | 52,52,52,52 | 1 |
| 92 | OHX | O3 | 204 | 7/7 | 0.95 | 0.22 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3826 | 1/1 | 0.95 | 0.16 | 60,60,60,60 | 1 |
| 92 | OHX | 5 | 4329 | 7/7 | 0.95 | 0.20 | 76,76,76,76 | 7 |
| 91 | MG | 5 | 3465 | 1/1 | 0.95 | 0.15 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 4030 | 1/1 | 0.95 | 0.16 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4332 | 7/7 | 0.95 | 0.25 | 63,63,63,63 | 7 |
| 91 | MG | 5 | 4110 | 1/1 | 0.95 | 0.23 | 49,49,49,49 | 1 |
| 92 | OHX | 6 | 2196 | 7/7 | 0.95 | 0.09 | 163,163,163,163 | 7 |
| 92 | OHX | 6 | 2200 | 7/7 | 0.95 | 0.16 | 98,98,98,98 | 7 |
| 91 | MG | 5 | 3725 | 1/1 | 0.95 | 0.15 | 46,46,46,46 | 1 |
| 91 | MG | 5 | 3726 | 1/1 | 0.95 | 0.14 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3820 | 1/1 | 0.95 | 0.21 | 61,61,61,61 | 0 |
| 91 | MG | n0 | 201 | 1/1 | 0.95 | 0.15 | 55,55,55,55 | 1 |
| 91 | MG | 1 | 4081 | 1/1 | 0.95 | 0.09 | 67,67,67,67 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4555 | 7/7 | 0.95 | 0.14 | 97,97,97,97 | 7 |
| 91 | MG | 5 | 3964 | 1/1 | 0.95 | 0.20 | 46,46,46,46 | 1 |
| 91 | MG | 1 | 3890 | 1/1 | 0.95 | 0.11 | 56,56,56,56 | 1 |
| 91 | MG | n1 | 202 | 1/1 | 0.95 | 0.09 | 59,59,59,59 | 1 |
| 91 | MG | 1 | 3581 | 1/1 | 0.95 | 0.13 | 42,42,42,42 | 0 |
| 92 | OHX | 6 | 2216 | 7/7 | 0.95 | 0.17 | 80,80,80,80 | 7 |
| 91 | MG | 1 | 3984 | 1/1 | 0.95 | 0.40 | 50,50,50,50 | 1 |
| 92 | OHX | 6 | 2218 | 7/7 | 0.95 | 0.12 | 106,106,106,106 | 7 |
| 92 | OHX | 5 | 4352 | 7/7 | 0.95 | 0.19 | 100,100,100,100 | 7 |
| 92 | OHX | 6 | 2220 | 7/7 | 0.95 | 0.11 | 98,98,98,98 | 7 |
| 92 | OHX | 6 | 2221 | 7/7 | 0.95 | 0.19 | 79,79,79,79 | 7 |
| 91 | MG | 5 | 3642 | 1/1 | 0.95 | 0.22 | 53,53,53,53 | 0 |
| 91 | MG | n3 | 203 | 1/1 | 0.95 | 0.46 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3417 | 1/1 | 0.95 | 0.16 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4573 | 7/7 | 0.95 | 0.22 | 69,69,69,69 | 7 |
| 91 | MG | 1 | 3635 | 1/1 | 0.95 | 0.26 | 58,58,58,58 | 0 |
| 91 | MG | 5 | 3554 | 1/1 | 0.95 | 0.11 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3973 | 1/1 | 0.95 | 0.22 | 52,52,52,52 | 0 |
| 92 | OHX | 1 | 4388 | 7/7 | 0.95 | 0.26 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 3859 | 1/1 | 0.95 | 0.16 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4390 | 7/7 | 0.95 | 0.21 | 60,60,60,60 | 7 |
| 91 | MG | o2 | 201 | 1/1 | 0.95 | 0.09 | 47,47,47,47 | 0 |
| 91 | MG | 6 | 2097 | 1/1 | 0.95 | 0.06 | 86,86,86,86 | 0 |
| 92 | OHX | 8 | 224 | 7/7 | 0.95 | 0.17 | 75,75,75,75 | 7 |
| 92 | OHX | 8 | 225 | 7/7 | 0.95 | 0.15 | 99,99,99,99 | 7 |
| 91 | MG | 5 | 3558 | 1/1 | 0.95 | 0.24 | 56,56,56,56 | 0 |
| 91 | MG | 6 | 1982 | 1/1 | 0.95 | 0.16 | 73,73,73,73 | 0 |
| 92 | OHX | 8 | 229 | 7/7 | 0.95 | 0.21 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 3404 | 1/1 | 0.95 | 0.20 | 47,47,47,47 | 0 |
| 91 | MG | 6 | 1983 | 1/1 | 0.95 | 0.13 | 68,68,68,68 | 0 |
| 91 | MG | 5 | 3482 | 1/1 | 0.95 | 0.27 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3636 | 1/1 | 0.95 | 0.18 | 54,54,54,54 | 0 |
| 92 | OHX | SR | 401 | 7/7 | 0.95 | 0.08 | 139,139,139,139 | 7 |
| 91 | MG | 6 | 2042 | 1/1 | 0.95 | 0.34 | 70,70,70,70 | 0 |
| 92 | OHX | 1 | 4145 | 7/7 | 0.95 | 0.18 | 82,82,82,82 | 7 |
| 92 | OHX | 1 | 4149 | 7/7 | 0.95 | 0.20 | 65,65,65,65 | 7 |
| 91 | MG | o7 | 101 | 1/1 | 0.95 | 0.10 | 52,52,52,52 | 0 |
| 92 | OHX | 1 | 4165 | 7/7 | 0.95 | 0.19 | 76,76,76,76 | 7 |
| 91 | MG | o7 | 102 | 1/1 | 0.95 | 0.37 | 56,56,56,56 | 1 |
| 92 | OHX | 1 | 4183 | 7/7 | 0.95 | 0.11 | 124,124,124,124 | 7 |
| 92 | OHX | 1 | 4184 | 7/7 | 0.95 | 0.11 | 124,124,124,124 | 7 |
| 91 | MG | 6 | 2103 | 1/1 | 0.95 | 0.08 | 91,91,91,91 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4143 | 1/1 | 0.95 | 0.29 | 63,63,63,63 | 1 |
| 91 | MG | 5 | 3857 | 1/1 | 0.95 | 0.28 | 46,46,46,46 | 1 |
| 92 | OHX | 1 | 4206 | 7/7 | 0.95 | 0.22 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 4091 | 1/1 | 0.95 | 0.29 | 64,64,64,64 | 0 |
| 92 | OHX | 2 | 2096 | 7/7 | 0.95 | 0.17 | 84,84,84,84 | 7 |
| 92 | OHX | 5 | 4389 | 7/7 | 0.95 | 0.14 | 83,83,83,83 | 7 |
| 92 | OHX | 1 | 4220 | 7/7 | 0.95 | 0.14 | 95,95,95,95 | 7 |
| 92 | OHX | 1 | 4416 | 7/7 | 0.95 | 0.19 | 65,65,65,65 | 7 |
| 92 | OHX | 2 | 2099 | 7/7 | 0.95 | 0.10 | 118,118,118,118 | 7 |
| 92 | OHX | 2 | 2106 | 7/7 | 0.95 | 0.20 | 82,82,82,82 | 7 |
| 92 | OHX | m5 | 304 | 7/7 | 0.95 | 0.16 | 90,90,90,90 | 7 |
| 92 | OHX | 1 | 4223 | 7/7 | 0.95 | 0.20 | 81,81,81,81 | 7 |
| 92 | OHX | 1 | 4224 | 7/7 | 0.95 | 0.23 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3487 | 1/1 | 0.95 | 0.21 | 54,54,54,54 | 0 |
| 92 | OHX | 1 | 4226 | 7/7 | 0.95 | 0.10 | 140,140,140,140 | 7 |
| 91 | MG | 4 | 223 | 1/1 | 0.95 | 0.11 | 60,60,60,60 | 0 |
| 92 | OHX | 2 | 2114 | 7/7 | 0.95 | 0.10 | 120,120,120,120 | 7 |
| 91 | MG | 2 | 2028 | 1/1 | 0.95 | 0.14 | 80,80,80,80 | 1 |
| 92 | OHX | 2 | 2118 | 7/7 | 0.95 | 0.15 | 106,106,106,106 | 7 |
| 93 | ZN | e1 | 501 | 1/1 | 0.95 | 0.06 | 168,168,168,168 | 0 |
| 91 | MG | d6 | 102 | 1/1 | 0.96 | 0.11 | 81,81,81,81 | 0 |
| 91 | MG | m6 | 201 | 1/1 | 0.96 | 0.17 | 48,48,48,48 | 1 |
| 91 | MG | 6 | 2099 | 1/1 | 0.96 | 0.27 | 61,61,61,61 | 1 |
| 91 | MG | 5 | 3781 | 1/1 | 0.96 | 0.23 | 58,58,58,58 | 1 |
| 91 | MG | 2 | 2054 | 1/1 | 0.96 | 0.07 | 92,92,92,92 | 1 |
| 91 | MG | m6 | 205 | 1/1 | 0.96 | 0.11 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4409 | 7/7 | 0.96 | 0.43 | 59,59,59,59 | 7 |
| 91 | MG | m6 | 206 | 1/1 | 0.96 | 0.25 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3470 | 1/1 | 0.96 | 0.24 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3540 | 1/1 | 0.96 | 0.16 | 45,45,45,45 | 0 |
| 91 | MG | 2 | 1903 | 1/1 | 0.96 | 0.21 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3894 | 1/1 | 0.96 | 0.11 | 46,46,46,46 | 0 |
| 92 | OHX | 1 | 4467 | 7/7 | 0.96 | 0.15 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3786 | 1/1 | 0.96 | 0.15 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3711 | 1/1 | 0.96 | 0.19 | 51,51,51,51 | 0 |
| 91 | MG | N8 | 201 | 1/1 | 0.96 | 0.24 | 44,44,44,44 | 1 |
| 91 | MG | 5 | 4133 | 1/1 | 0.96 | 0.12 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3546 | 1/1 | 0.96 | 0.24 | 49,49,49,49 | 0 |
| 91 | MG | 5 | 3547 | 1/1 | 0.96 | 0.34 | 46,46,46,46 | 0 |
| 91 | MG | 1 | 3813 | 1/1 | 0.96 | 0.23 | 54,54,54,54 | 0 |
| 91 | MG | n0 | 204 | 1/1 | 0.96 | 0.32 | 57,57,57,57 | 0 |
| 92 | OHX | 1 | 4313 | 7/7 | 0.96 | 0.20 | 67,67,67,67 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3627 | 1/1 | 0.96 | 0.06 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3708 | 1/1 | 0.96 | 0.15 | 59,59,59,59 | 1 |
| 91 | MG | N8 | 204 | 1/1 | 0.96 | 0.37 | 47,47,47,47 | 1 |
| 91 | MG | 1 | 3895 | 1/1 | 0.96 | 0.20 | 66,66,66,66 | 1 |
| 91 | MG | 3 | 205 | 1/1 | 0.96 | 0.34 | 47,47,47,47 | 0 |
| 91 | MG | 5 | 4014 | 1/1 | 0.96 | 0.05 | 49,49,49,49 | 1 |
| 91 | MG | N8 | 207 | 1/1 | 0.96 | 0.20 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4484 | 7/7 | 0.96 | 0.14 | 82,82,82,82 | 7 |
| 91 | MG | N9 | 101 | 1/1 | 0.96 | 0.10 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 4017 | 1/1 | 0.96 | 0.22 | 63,63,63,63 | 0 |
| 91 | MG | 1 | 3531 | 1/1 | 0.96 | 0.22 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 4152 | 1/1 | 0.96 | 0.15 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 4020 | 1/1 | 0.96 | 0.17 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 4061 | 1/1 | 0.96 | 0.16 | 73,73,73,73 | 0 |
| 91 | MG | 5 | 3636 | 1/1 | 0.96 | 0.31 | 56,56,56,56 | 0 |
| 91 | MG | o3 | 202 | 1/1 | 0.96 | 0.29 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3470 | 1/1 | 0.96 | 0.23 | 57,57,57,57 | 0 |
| 92 | OHX | 6 | 2325 | 7/7 | 0.96 | 0.11 | 99,99,99,99 | 7 |
| 91 | MG | L3 | 402 | 1/1 | 0.96 | 0.11 | 53,53,53,53 | 0 |
| 91 | MG | 5 | 3415 | 1/1 | 0.96 | 0.30 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3771 | 1/1 | 0.96 | 0.35 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 4064 | 1/1 | 0.96 | 0.20 | 63,63,63,63 | 1 |
| 91 | MG | 1 | 3900 | 1/1 | 0.96 | 0.16 | 54,54,54,54 | 0 |
| 91 | MG | L4 | 403 | 1/1 | 0.96 | 0.07 | 68,68,68,68 | 1 |
| 91 | MG | 1 | 4022 | 1/1 | 0.96 | 0.12 | 53,53,53,53 | 1 |
| 91 | MG | o9 | 101 | 1/1 | 0.96 | 0.30 | 64,64,64,64 | 1 |
| 91 | MG | 1 | 3817 | 1/1 | 0.96 | 0.06 | 53,53,53,53 | 0 |
| 91 | MG | L7 | 301 | 1/1 | 0.96 | 0.07 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4342 | 7/7 | 0.96 | 0.09 | 201,201,201,201 | 0 |
| 91 | MG | 1 | 3560 | 1/1 | 0.96 | 0.15 | 44,44,44,44 | 0 |
| 91 | MG | 7 | 212 | 1/1 | 0.96 | 0.11 | 69,69,69,69 | 0 |
| 92 | OHX | 3 | 219 | 7/7 | 0.96 | 0.15 | 85,85,85,85 | 7 |
| 92 | OHX | 2 | 2095 | 7/7 | 0.96 | 0.13 | 100,100,100,100 | 7 |
| 91 | MG | 1 | 3903 | 1/1 | 0.96 | 0.38 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3649 | 1/1 | 0.96 | 0.17 | 53,53,53,53 | 0 |
| 92 | OHX | 2 | 2101 | 7/7 | 0.96 | 0.17 | 82,82,82,82 | 7 |
| 92 | OHX | 2 | 2102 | 7/7 | 0.96 | 0.09 | 106,106,106,106 | 7 |
| 91 | MG | 1 | 3548 | 1/1 | 0.96 | 0.36 | 45,45,45,45 | 0 |
| 92 | OHX | 2 | 2108 | 7/7 | 0.96 | 0.17 | 97,97,97,97 | 7 |
| 91 | MG | 5 | 3651 | 1/1 | 0.96 | 0.15 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 4046 | 1/1 | 0.96 | 0.05 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3928 | 1/1 | 0.96 | 0.13 | 59,59,59,59 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 1 | 3905 | 1/1 | 0.96 | 0.43 | 53,53,53,53 | 1 |
| 91 | MG | 5 | 4049 | 1/1 | 0.96 | 0.40 | 51,51,51,51 | 1 |
| 92 | OHX | 5 | 4187 | 7/7 | 0.96 | 0.23 | 50,50,50,50 | 7 |
| 92 | OHX | 5 | 4197 | 7/7 | 0.96 | 0.19 | 78,78,78,78 | 7 |
| 92 | OHX | 4 | 238 | 7/7 | 0.96 | 0.14 | 94,94,94,94 | 7 |
| 92 | OHX | 2 | 2119 | 7/7 | 0.96 | 0.17 | 93,93,93,93 | 7 |
| 92 | OHX | 4 | 240 | 7/7 | 0.96 | 0.13 | 90,90,90,90 | 7 |
| 92 | OHX | 4 | 241 | 7/7 | 0.96 | 0.19 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4234 | 7/7 | 0.96 | 0.23 | 63,63,63,63 | 7 |
| 92 | OHX | 2 | 2120 | 7/7 | 0.96 | 0.09 | 134,134,134,134 | 7 |
| 92 | OHX | 5 | 4236 | 7/7 | 0.96 | 0.22 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4240 | 7/7 | 0.96 | 0.14 | 68,68,68,68 | 7 |
| 92 | OHX | 2 | 2121 | 7/7 | 0.96 | 0.12 | 78,78,78,78 | 7 |
| 92 | OHX | 5 | 4482 | 7/7 | 0.96 | 0.17 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4244 | 7/7 | 0.96 | 0.17 | 81,81,81,81 | 7 |
| 92 | OHX | 5 | 4245 | 7/7 | 0.96 | 0.14 | 102,102,102,102 | 7 |
| 91 | MG | 5 | 3733 | 1/1 | 0.96 | 0.07 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 4052 | 1/1 | 0.96 | 0.07 | 56,56,56,56 | 1 |
| 91 | MG | 2 | 1913 | 1/1 | 0.96 | 0.06 | 75,75,75,75 | 0 |
| 92 | OHX | 5 | 4256 | 7/7 | 0.96 | 0.12 | 80,80,80,80 | 7 |
| 91 | MG | 7 | 225 | 1/1 | 0.96 | 0.32 | 63,63,63,63 | 1 |
| 92 | OHX | 1 | 4138 | 7/7 | 0.96 | 0.22 | 60,60,60,60 | 7 |
| 91 | MG | 5 | 3735 | 1/1 | 0.96 | 0.07 | 59,59,59,59 | 0 |
| 92 | OHX | L3 | 408 | 7/7 | 0.96 | 0.16 | 84,84,84,84 | 7 |
| 92 | OHX | 5 | 4262 | 7/7 | 0.96 | 0.25 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4263 | 7/7 | 0.96 | 0.18 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3908 | 1/1 | 0.96 | 0.28 | 49,49,49,49 | 1 |
| 92 | OHX | 1 | 4148 | 7/7 | 0.96 | 0.15 | 91,91,91,91 | 7 |
| 91 | MG | 5 | 3573 | 1/1 | 0.96 | 0.26 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 4074 | 1/1 | 0.96 | 0.33 | 63,63,63,63 | 1 |
| 91 | MG | 6 | 2071 | 1/1 | 0.96 | 0.16 | 59,59,59,59 | 0 |
| 92 | OHX | 1 | 4173 | 7/7 | 0.96 | 0.14 | 106,106,106,106 | 7 |
| 92 | OHX | 1 | 4178 | 7/7 | 0.96 | 0.18 | 76,76,76,76 | 7 |
| 92 | OHX | 1 | 4179 | 7/7 | 0.96 | 0.14 | 86,86,86,86 | 7 |
| 92 | OHX | 5 | 4280 | 7/7 | 0.96 | 0.16 | 74,74,74,74 | 7 |
| 91 | MG | 1 | 3821 | 1/1 | 0.96 | 0.11 | 62,62,62,62 | 1 |
| 92 | OHX | 1 | 4182 | 7/7 | 0.96 | 0.21 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 3752 | 1/1 | 0.96 | 0.22 | 50,50,50,50 | 0 |
| 92 | OHX | 5 | 4285 | 7/7 | 0.96 | 0.15 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4286 | 7/7 | 0.96 | 0.18 | 59,59,59,59 | 7 |
| 91 | MG | 5 | 3742 | 1/1 | 0.96 | 0.06 | 49,49,49,49 | 0 |
| 92 | OHX | 1 | 4187 | 7/7 | 0.96 | 0.17 | 59,59,59,59 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | O7 | 107 | 7/7 | 0.96 | 0.19 | 83,83,83,83 | 7 |
| 92 | OHX | O7 | 108 | 7/7 | 0.96 | 0.17 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4188 | 7/7 | 0.96 | 0.20 | 58,58,58,58 | 7 |
| 92 | OHX | 5 | 4292 | 7/7 | 0.96 | 0.19 | 72,72,72,72 | 7 |
| 92 | OHX | 6 | 2167 | 7/7 | 0.96 | 0.10 | 107,107,107,107 | 7 |
| 92 | OHX | 6 | 2170 | 7/7 | 0.96 | 0.09 | 135,135,135,135 | 7 |
| 92 | OHX | 1 | 4194 | 7/7 | 0.96 | 0.17 | 78,78,78,78 | 7 |
| 92 | OHX | 6 | 2182 | 7/7 | 0.96 | 0.13 | 81,81,81,81 | 7 |
| 92 | OHX | 6 | 2184 | 7/7 | 0.96 | 0.14 | 93,93,93,93 | 7 |
| 92 | OHX | 6 | 2185 | 7/7 | 0.96 | 0.09 | 123,123,123,123 | 7 |
| 92 | OHX | 1 | 4381 | 7/7 | 0.96 | 0.16 | 75,75,75,75 | 7 |
| 92 | OHX | 6 | 2193 | 7/7 | 0.96 | 0.08 | 143,143,143,143 | 7 |
| 91 | MG | 2 | 2044 | 1/1 | 0.96 | 0.08 | 75,75,75,75 | 0 |
| 92 | OHX | 1 | 4201 | 7/7 | 0.96 | 0.22 | 57,57,57,57 | 7 |
| 92 | OHX | 6 | 2197 | 7/7 | 0.96 | 0.08 | 156,156,156,156 | 7 |
| 92 | OHX | 5 | 4308 | 7/7 | 0.96 | 0.09 | 114,114,114,114 | 7 |
| 92 | OHX | 6 | 2198 | 7/7 | 0.96 | 0.13 | 104,104,104,104 | 7 |
| 91 | MG | 5 | 3436 | 1/1 | 0.96 | 0.34 | 58,58,58,58 | 0 |
| 91 | MG | 1 | 3433 | 1/1 | 0.96 | 0.22 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 3826 | 1/1 | 0.96 | 0.12 | 58,58,58,58 | 0 |
| 92 | OHX | 1 | 4208 | 7/7 | 0.96 | 0.13 | 100,100,100,100 | 7 |
| 92 | OHX | 6 | 2204 | 7/7 | 0.96 | 0.17 | 79,79,79,79 | 7 |
| 92 | OHX | 6 | 2205 | 7/7 | 0.96 | 0.15 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4210 | 7/7 | 0.96 | 0.18 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4318 | 7/7 | 0.96 | 0.25 | 55,55,55,55 | 7 |
| 91 | MG | 1 | 3493 | 1/1 | 0.96 | 0.10 | 56,56,56,56 | 1 |
| 91 | MG | 1 | 3952 | 1/1 | 0.96 | 0.55 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4215 | 7/7 | 0.96 | 0.20 | 55,55,55,55 | 7 |
| 92 | OHX | 1 | 4216 | 7/7 | 0.96 | 0.15 | 96,96,96,96 | 7 |
| 92 | OHX | 1 | 4218 | 7/7 | 0.96 | 0.23 | 56,56,56,56 | 7 |
| 92 | OHX | 6 | 2215 | 7/7 | 0.96 | 0.18 | 85,85,85,85 | 7 |
| 91 | MG | 5 | 3843 | 1/1 | 0.96 | 0.31 | 54,54,54,54 | 0 |
| 92 | OHX | 2 | 2145 | 7/7 | 0.96 | 0.10 | 146,146,146,146 | 7 |
| 91 | MG | 1 | 3405 | 1/1 | 0.96 | 0.22 | 62,62,62,62 | 0 |
| 92 | OHX | 6 | 2219 | 7/7 | 0.96 | 0.15 | 71,71,71,71 | 7 |
| 91 | MG | 6 | 1967 | 1/1 | 0.96 | 0.11 | 61,61,61,61 | 0 |
| 91 | MG | 5 | 4072 | 1/1 | 0.96 | 0.08 | 51,51,51,51 | 0 |
| 91 | MG | 1 | 3610 | 1/1 | 0.96 | 0.35 | 28,28,28,28 | 0 |
| 92 | OHX | 6 | 2223 | 7/7 | 0.96 | 0.14 | 111,111,111,111 | 7 |
| 92 | OHX | 6 | 2224 | 7/7 | 0.96 | 0.10 | 114,114,114,114 | 7 |
| 91 | MG | 5 | 3954 | 1/1 | 0.96 | 0.33 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 3588 | 1/1 | 0.96 | 0.20 | 51,51,51,51 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4340 | 7/7 | 0.96 | 0.20 | 60,60,60,60 | 7 |
| 92 | OHX | 1 | 4230 | 7/7 | 0.96 | 0.17 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 3464 | 1/1 | 0.96 | 0.18 | 41,41,41,41 | 0 |
| 92 | OHX | 1 | 4233 | 7/7 | 0.96 | 0.14 | 68,68,68,68 | 7 |
| 91 | MG | 1 | 3997 | 1/1 | 0.96 | 0.15 | 69,69,69,69 | 1 |
| 92 | OHX | 6 | 2232 | 7/7 | 0.96 | 0.11 | 102,102,102,102 | 7 |
| 91 | MG | 1 | 4086 | 1/1 | 0.96 | 0.18 | 66,66,66,66 | 1 |
| 92 | OHX | 1 | 4407 | 7/7 | 0.96 | 0.16 | 64,64,64,64 | 7 |
| 92 | OHX | 5 | 4348 | 7/7 | 0.96 | 0.14 | 84,84,84,84 | 7 |
| 92 | OHX | 6 | 2235 | 7/7 | 0.96 | 0.09 | 96,96,96,96 | 7 |
| 91 | MG | 5 | 4080 | 1/1 | 0.96 | 0.10 | 45,45,45,45 | 1 |
| 92 | OHX | 6 | 2237 | 7/7 | 0.96 | 0.10 | 108,108,108,108 | 7 |
| 91 | MG | 1 | 4044 | 1/1 | 0.96 | 0.26 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4240 | 7/7 | 0.96 | 0.18 | 73,73,73,73 | 7 |
| 92 | OHX | 2 | 2159 | 7/7 | 0.96 | 0.11 | 112,112,112,112 | 7 |
| 92 | OHX | 1 | 4242 | 7/7 | 0.96 | 0.16 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 4083 | 1/1 | 0.96 | 0.24 | 54,54,54,54 | 1 |
| 92 | OHX | 7 | 231 | 7/7 | 0.96 | 0.20 | 64,64,64,64 | 7 |
| 92 | OHX | 7 | 233 | 7/7 | 0.96 | 0.22 | 80,80,80,80 | 7 |
| 91 | MG | 13 | 401 | 1/1 | 0.96 | 0.16 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 3518 | 1/1 | 0.96 | 0.36 | 45,45,45,45 | 0 |
| 92 | OHX | 2 | 2163 | 7/7 | 0.96 | 0.10 | 100,100,100,100 | 7 |
| 91 | MG | 1 | 3956 | 1/1 | 0.96 | 0.07 | 48,48,48,48 | 0 |
| 92 | OHX | 1 | 4248 | 7/7 | 0.96 | 0.15 | 83,83,83,83 | 7 |
| 91 | MG | 1 | 3885 | 1/1 | 0.96 | 0.11 | 66,66,66,66 | 0 |
| 92 | OHX | 1 | 4250 | 7/7 | 0.96 | 0.14 | 77,77,77,77 | 7 |
| 91 | MG | M7 | 206 | 1/1 | 0.96 | 0.09 | 59,59,59,59 | 0 |
| 92 | OHX | 5 | 4365 | 7/7 | 0.96 | 0.26 | 57,57,57,57 | 7 |
| 92 | OHX | 8 | 226 | 7/7 | 0.96 | 0.18 | 86,86,86,86 | 7 |
| 92 | OHX | 6 | 2251 | 7/7 | 0.96 | 0.16 | 76,76,76,76 | 7 |
| 91 | MG | 1 | 3858 | 1/1 | 0.96 | 0.17 | 57,57,57,57 | 1 |
| 92 | OHX | 5 | 4368 | 7/7 | 0.96 | 0.20 | 53,53,53,53 | 7 |
| 91 | MG | 1 | 3783 | 1/1 | 0.96 | 0.24 | 66,66,66,66 | 0 |
| 91 | MG | 5 | 3968 | 1/1 | 0.96 | 0.09 | 53,53,53,53 | 1 |
| 92 | OHX | 2 | 2171 | 7/7 | 0.96 | 0.10 | 116,116,116,116 | 7 |
| 91 | MG | 5 | 3865 | 1/1 | 0.96 | 0.12 | 54,54,54,54 | 1 |
| 91 | MG | 5 | 3867 | 1/1 | 0.96 | 0.12 | 46,46,46,46 | 1 |
| 91 | MG | C8 | 201 | 1/1 | 0.96 | 0.09 | 107,107,107,107 | 0 |
| 92 | OHX | 1 | 4260 | 7/7 | 0.96 | 0.12 | 94,94,94,94 | 7 |
| 92 | OHX | 6 | 2260 | 7/7 | 0.96 | 0.17 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3683 | 1/1 | 0.96 | 0.24 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3604 | 1/1 | 0.96 | 0.31 | 41,41,41,41 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4098 | 1/1 | 0.96 | 0.23 | 74,74,74,74 | 0 |
| 92 | OHX | 1 | 4264 | 7/7 | 0.96 | 0.20 | 67,67,67,67 | 7 |
| 92 | OHX | l3 | 412 | 7/7 | 0.96 | 0.18 | 70,70,70,70 | 7 |
| 91 | MG | l5 | 302 | 1/1 | 0.96 | 0.13 | 68,68,68,68 | 1 |
| 91 | MG | 5 | 3456 | 1/1 | 0.96 | 0.16 | 50,50,50,50 | 0 |
| 91 | MG | 1 | 3923 | 1/1 | 0.96 | 0.08 | 56,56,56,56 | 0 |
| 91 | MG | 1 | 3965 | 1/1 | 0.96 | 0.41 | 48,48,48,48 | 1 |
| 92 | OHX | 2 | 2182 | 7/7 | 0.96 | 0.14 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4272 | 7/7 | 0.96 | 0.17 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3460 | 1/1 | 0.96 | 0.25 | 48,48,48,48 | 0 |
| 91 | MG | 4 | 224 | 1/1 | 0.96 | 0.19 | 62,62,62,62 | 1 |
| 91 | MG | 5 | 4104 | 1/1 | 0.96 | 0.12 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3979 | 1/1 | 0.96 | 0.23 | 48,48,48,48 | 1 |
| 92 | OHX | 1 | 4277 | 7/7 | 0.96 | 0.17 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3980 | 1/1 | 0.96 | 0.10 | 64,64,64,64 | 1 |
| 91 | MG | l8 | 301 | 1/1 | 0.96 | 0.33 | 87,87,87,87 | 0 |
| 91 | MG | 1 | 3674 | 1/1 | 0.96 | 0.12 | 45,45,45,45 | 0 |
| 91 | MG | N1 | 201 | 1/1 | 0.96 | 0.28 | 56,56,56,56 | 1 |
| 92 | OHX | o3 | 206 | 7/7 | 0.96 | 0.21 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 4111 | 1/1 | 0.96 | 0.21 | 64,64,64,64 | 0 |
| 91 | MG | 5 | 3879 | 1/1 | 0.96 | 0.30 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3692 | 1/1 | 0.96 | 0.18 | 62,62,62,62 | 0 |
| 91 | MG | 5 | 3985 | 1/1 | 0.96 | 0.31 | 51,51,51,51 | 1 |
| 91 | MG | 1 | 3691 | 1/1 | 0.96 | 0.11 | 59,59,59,59 | 0 |
| 93 | ZN | Q2 | 501 | 1/1 | 0.96 | 0.15 | 90,90,90,90 | 0 |
| 91 | MG | 5 | 3466 | 1/1 | 0.96 | 0.21 | 51,51,51,51 | 0 |
| 91 | MG | 5 | 3534 | 1/1 | 0.96 | 0.35 | 51,51,51,51 | 0 |
| 93 | ZN | q2 | 202 | 1/1 | 0.96 | 0.16 | 88,88,88,88 | 0 |
| 91 | MG | 6 | 1995 | 1/1 | 0.97 | 0.18 | 68,68,68,68 | 0 |
| 92 | OHX | 2 | 2107 | 7/7 | 0.97 | 0.13 | 110,110,110,110 | 7 |
| 91 | MG | L4 | 405 | 1/1 | 0.97 | 0.33 | 51,51,51,51 | 0 |
| 92 | OHX | 2 | 2109 | 7/7 | 0.97 | 0.12 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3628 | 1/1 | 0.97 | 0.21 | 50,50,50,50 | 0 |
| 92 | OHX | 2 | 2112 | 7/7 | 0.97 | 0.13 | 86,86,86,86 | 7 |
| 91 | MG | 8 | 207 | 1/1 | 0.97 | 0.06 | 73,73,73,73 | 0 |
| 91 | MG | 1 | 3964 | 1/1 | 0.97 | 0.40 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3414 | 1/1 | 0.97 | 0.21 | 51,51,51,51 | 0 |
| 92 | OHX | 2 | 2116 | 7/7 | 0.97 | 0.14 | 81,81,81,81 | 7 |
| 92 | OHX | 2 | 2117 | 7/7 | 0.97 | 0.08 | 116,116,116,116 | 7 |
| 91 | MG | 1 | 3999 | 1/1 | 0.97 | 0.23 | 45,45,45,45 | 1 |
| 91 | MG | L6 | 201 | 1/1 | 0.97 | 0.11 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 3556 | 1/1 | 0.97 | 0.16 | 51,51,51,51 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 6 | 2057 | 1/1 | 0.97 | 0.24 | 66,66,66,66 | 0 |
| 91 | MG | 6 | 2116 | 1/1 | 0.97 | 0.37 | 65,65,65,65 | 1 |
| 92 | OHX | C8 | 202 | 7/7 | 0.97 | 0.10 | 108,108,108,108 | 7 |
| 91 | MG | 6 | 2117 | 1/1 | 0.97 | 0.07 | 74,74,74,74 | 1 |
| 91 | MG | 4 | 202 | 1/1 | 0.97 | 0.16 | 56,56,56,56 | 1 |
| 91 | MG | 1 | 3599 | 1/1 | 0.97 | 0.28 | 44,44,44,44 | 0 |
| 92 | OHX | 3 | 223 | 7/7 | 0.97 | 0.14 | 92,92,92,92 | 7 |
| 92 | OHX | 1 | 4129 | 7/7 | 0.97 | 0.16 | 64,64,64,64 | 7 |
| 91 | MG | 1 | 3843 | 1/1 | 0.97 | 0.21 | 57,57,57,57 | 1 |
| 91 | MG | 5 | 4089 | 1/1 | 0.97 | 0.23 | 64,64,64,64 | 1 |
| 91 | MG | 1 | 3793 | 1/1 | 0.97 | 0.14 | 64,64,64,64 | 1 |
| 91 | MG | 1 | 3658 | 1/1 | 0.97 | 0.14 | 53,53,53,53 | 0 |
| 91 | MG | l2 | 301 | 1/1 | 0.97 | 0.32 | 58,58,58,58 | 1 |
| 92 | OHX | 1 | 4150 | 7/7 | 0.97 | 0.12 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4152 | 7/7 | 0.97 | 0.18 | 71,71,71,71 | 7 |
| 92 | OHX | 4 | 236 | 7/7 | 0.97 | 0.19 | 66,66,66,66 | 7 |
| 91 | MG | 1 | 3846 | 1/1 | 0.97 | 0.09 | 51,51,51,51 | 0 |
| 92 | OHX | 1 | 4159 | 7/7 | 0.97 | 0.10 | 109,109,109,109 | 7 |
| 92 | OHX | 1 | 4162 | 7/7 | 0.97 | 0.14 | 95,95,95,95 | 7 |
| 91 | MG | 5 | 3796 | 1/1 | 0.97 | 0.17 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4172 | 7/7 | 0.97 | 0.14 | 88,88,88,88 | 7 |
| 92 | OHX | 2 | 2134 | 7/7 | 0.97 | 0.15 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4174 | 7/7 | 0.97 | 0.13 | 74,74,74,74 | 7 |
| 92 | OHX | 1 | 4177 | 7/7 | 0.97 | 0.15 | 94,94,94,94 | 7 |
| 91 | MG | 5 | 3889 | 1/1 | 0.97 | 0.11 | 54,54,54,54 | 1 |
| 91 | MG | S8 | 301 | 1/1 | 0.97 | 0.26 | 79,79,79,79 | 1 |
| 91 | MG | 1 | 3446 | 1/1 | 0.97 | 0.08 | 62,62,62,62 | 0 |
| 91 | MG | 1 | 3586 | 1/1 | 0.97 | 0.23 | 38,38,38,38 | 0 |
| 91 | MG | 1 | 3543 | 1/1 | 0.97 | 0.29 | 55,55,55,55 | 0 |
| 91 | MG | Q2 | 504 | 1/1 | 0.97 | 0.08 | 60,60,60,60 | 1 |
| 92 | OHX | 1 | 4185 | 7/7 | 0.97 | 0.14 | 71,71,71,71 | 7 |
| 91 | MG | 1 | 3941 | 1/1 | 0.97 | 0.15 | 70,70,70,70 | 0 |
| 91 | MG | 5 | 3990 | 1/1 | 0.97 | 0.11 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4191 | 7/7 | 0.97 | 0.16 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4192 | 7/7 | 0.97 | 0.17 | 55,55,55,55 | 7 |
| 92 | OHX | 1 | 4193 | 7/7 | 0.97 | 0.11 | 92,92,92,92 | 7 |
| 92 | OHX | 5 | 4184 | 7/7 | 0.97 | 0.10 | 75,75,75,75 | 7 |
| 92 | OHX | 2 | 2143 | 7/7 | 0.97 | 0.09 | 124,124,124,124 | 7 |
| 92 | OHX | 5 | 4196 | 7/7 | 0.97 | 0.16 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4195 | 7/7 | 0.97 | 0.13 | 71,71,71,71 | 7 |
| 92 | OHX | 5 | 4200 | 7/7 | 0.97 | 0.17 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4201 | 7/7 | 0.97 | 0.15 | 81,81,81,81 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4204 | 7/7 | 0.97 | 0.14 | 82,82,82,82 | 7 |
| 92 | OHX | 5 | 4209 | 7/7 | 0.97 | 0.20 | 79,79,79,79 | 7 |
| 92 | OHX | 1 | 4196 | 7/7 | 0.97 | 0.12 | 102,102,102,102 | 7 |
| 92 | OHX | 5 | 4211 | 7/7 | 0.97 | 0.14 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4214 | 7/7 | 0.97 | 0.13 | 73,73,73,73 | 7 |
| 91 | MG | M5 | 303 | 1/1 | 0.97 | 0.19 | 50,50,50,50 | 1 |
| 92 | OHX | 5 | 4225 | 7/7 | 0.97 | 0.12 | 90,90,90,90 | 7 |
| 92 | OHX | 1 | 4199 | 7/7 | 0.97 | 0.17 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4200 | 7/7 | 0.97 | 0.11 | 86,86,86,86 | 7 |
| 92 | OHX | 5 | 4233 | 7/7 | 0.97 | 0.21 | 65,65,65,65 | 7 |
| 91 | MG | M5 | 304 | 1/1 | 0.97 | 0.19 | 54,54,54,54 | 1 |
| 91 | MG | 1 | 3879 | 1/1 | 0.97 | 0.15 | 51,51,51,51 | 0 |
| 91 | MG | l3 | 410 | 1/1 | 0.97 | 0.11 | 47,47,47,47 | 1 |
| 92 | OHX | 1 | 4205 | 7/7 | 0.97 | 0.16 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4241 | 7/7 | 0.97 | 0.15 | 66,66,66,66 | 7 |
| 92 | OHX | 6 | 2159 | 7/7 | 0.97 | 0.20 | 73,73,73,73 | 7 |
| 92 | OHX | 6 | 2161 | 7/7 | 0.97 | 0.14 | 88,88,88,88 | 7 |
| 92 | OHX | 6 | 2163 | 7/7 | 0.97 | 0.18 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4246 | 7/7 | 0.97 | 0.16 | 65,65,65,65 | 7 |
| 91 | MG | 1 | 4090 | 1/1 | 0.97 | 0.10 | 76,76,76,76 | 0 |
| 92 | OHX | 6 | 2169 | 7/7 | 0.97 | 0.09 | 120,120,120,120 | 7 |
| 92 | OHX | 1 | 4207 | 7/7 | 0.97 | 0.18 | 64,64,64,64 | 7 |
| 92 | OHX | 5 | 4480 | 7/7 | 0.97 | 0.20 | 61,61,61,61 | 7 |
| 92 | OHX | 5 | 4254 | 7/7 | 0.97 | 0.08 | 114,114,114,114 | 7 |
| 92 | OHX | 6 | 2171 | 7/7 | 0.97 | 0.19 | 70,70,70,70 | 7 |
| 92 | OHX | 6 | 2172 | 7/7 | 0.97 | 0.14 | 82,82,82,82 | 7 |
| 92 | OHX | 6 | 2175 | 7/7 | 0.97 | 0.11 | 101,101,101,101 | 7 |
| 92 | OHX | 6 | 2178 | 7/7 | 0.97 | 0.15 | 79,79,79,79 | 7 |
| 92 | OHX | 5 | 4260 | 7/7 | 0.97 | 0.19 | 52,52,52,52 | 7 |
| 92 | OHX | 6 | 2179 | 7/7 | 0.97 | 0.12 | 101,101,101,101 | 7 |
| 92 | OHX | 2 | 2150 | 7/7 | 0.97 | 0.09 | 106,106,106,106 | 7 |
| 92 | OHX | 6 | 2181 | 7/7 | 0.97 | 0.10 | 124,124,124,124 | 7 |
| 92 | OHX | 1 | 4209 | 7/7 | 0.97 | 0.13 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4265 | 7/7 | 0.97 | 0.09 | 123,123,123,123 | 7 |
| 92 | OHX | 5 | 4267 | 7/7 | 0.97 | 0.18 | 53,53,53,53 | 7 |
| 92 | OHX | 5 | 4268 | 7/7 | 0.97 | 0.14 | 73,73,73,73 | 7 |
| 92 | OHX | 5 | 4270 | 7/7 | 0.97 | 0.10 | 78,78,78,78 | 7 |
| 91 | MG | 1 | 4052 | 1/1 | 0.97 | 0.10 | 55,55,55,55 | 0 |
| 92 | OHX | 1 | 4212 | 7/7 | 0.97 | 0.14 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4273 | 7/7 | 0.97 | 0.13 | 71,71,71,71 | 7 |
| 92 | OHX | 6 | 2186 | 7/7 | 0.97 | 0.15 | 82,82,82,82 | 7 |
| 91 | MG | 5 | 3997 | 1/1 | 0.97 | 0.19 | 51,51,51,51 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 5 | 4276 | 7/7 | 0.97 | 0.12 | 97,97,97,97 | 7 |
| 92 | OHX | 6 | 2188 | 7/7 | 0.97 | 0.14 | 89,89,89,89 | 7 |
| 92 | OHX | 6 | 2189 | 7/7 | 0.97 | 0.14 | 76,76,76,76 | 7 |
| 92 | OHX | 6 | 2190 | 7/7 | 0.97 | 0.11 | 100,100,100,100 | 7 |
| 92 | OHX | 6 | 2191 | 7/7 | 0.97 | 0.12 | 91,91,91,91 | 7 |
| 92 | OHX | 6 | 2192 | 7/7 | 0.97 | 0.09 | 120,120,120,120 | 7 |
| 92 | OHX | 5 | 4282 | 7/7 | 0.97 | 0.15 | 100,100,100,100 | 7 |
| 91 | MG | 5 | 3577 | 1/1 | 0.97 | 0.18 | 43,43,43,43 | 0 |
| 92 | OHX | 6 | 2194 | 7/7 | 0.97 | 0.16 | 98,98,98,98 | 7 |
| 91 | MG | 1 | 3544 | 1/1 | 0.97 | 0.32 | 48,48,48,48 | 0 |
| 91 | MG | 1 | 4093 | 1/1 | 0.97 | 0.40 | 50,50,50,50 | 1 |
| 92 | OHX | 1 | 4217 | 7/7 | 0.97 | 0.12 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 3811 | 1/1 | 0.97 | 0.09 | 48,48,48,48 | 1 |
| 92 | OHX | 6 | 2199 | 7/7 | 0.97 | 0.12 | 81,81,81,81 | 7 |
| 91 | MG | 1 | 3977 | 1/1 | 0.97 | 0.07 | 48,48,48,48 | 0 |
| 92 | OHX | 2 | 2158 | 7/7 | 0.97 | 0.09 | 123,123,123,123 | 7 |
| 91 | MG | 5 | 3906 | 1/1 | 0.97 | 0.45 | 56,56,56,56 | 1 |
| 91 | MG | 5 | 3813 | 1/1 | 0.97 | 0.22 | 59,59,59,59 | 0 |
| 91 | MG | M6 | 203 | 1/1 | 0.97 | 0.10 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 4006 | 1/1 | 0.97 | 0.12 | 61,61,61,61 | 1 |
| 92 | OHX | 6 | 2206 | 7/7 | 0.97 | 0.11 | 66,66,66,66 | 7 |
| 92 | OHX | 5 | 4297 | 7/7 | 0.97 | 0.17 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4299 | 7/7 | 0.97 | 0.07 | 148,148,148,148 | 7 |
| 91 | MG | 1 | 3403 | 1/1 | 0.97 | 0.38 | 65,65,65,65 | 0 |
| 92 | OHX | 1 | 4227 | 7/7 | 0.97 | 0.17 | 81,81,81,81 | 7 |
| 92 | OHX | 5 | 4302 | 7/7 | 0.97 | 0.18 | 61,61,61,61 | 7 |
| 92 | OHX | 6 | 2209 | 7/7 | 0.97 | 0.13 | 67,67,67,67 | 7 |
| 91 | MG | 5 | 3512 | 1/1 | 0.97 | 0.16 | 55,55,55,55 | 0 |
| 92 | OHX | 6 | 2211 | 7/7 | 0.97 | 0.10 | 88,88,88,88 | 7 |
| 92 | OHX | 1 | 4229 | 7/7 | 0.97 | 0.09 | 116,116,116,116 | 7 |
| 91 | MG | 5 | 4124 | 1/1 | 0.97 | 0.23 | 54,54,54,54 | 1 |
| 91 | MG | 5 | 3817 | 1/1 | 0.97 | 0.09 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 4126 | 1/1 | 0.97 | 0.16 | 56,56,56,56 | 1 |
| 91 | MG | 1 | 4016 | 1/1 | 0.97 | 0.18 | 63,63,63,63 | 0 |
| 92 | OHX | 1 | 4236 | 7/7 | 0.97 | 0.13 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 4017 | 1/1 | 0.97 | 0.40 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4313 | 7/7 | 0.97 | 0.13 | 63,63,63,63 | 7 |
| 91 | MG | 1 | 4018 | 1/1 | 0.97 | 0.11 | 55,55,55,55 | 1 |
| 91 | MG | 1 | 3419 | 1/1 | 0.97 | 0.28 | 54,54,54,54 | 0 |
| 92 | OHX | 5 | 4539 | 7/7 | 0.97 | 0.15 | 73,73,73,73 | 7 |
| 91 | MG | 1 | 3607 | 1/1 | 0.97 | 0.43 | 39,39,39,39 | 0 |
| 91 | MG | 5 | 3666 | 1/1 | 0.97 | 0.05 | 66,66,66,66 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4018 | 1/1 | 0.97 | 0.19 | 55,55,55,55 | 0 |
| 91 | MG | 1 | 3521 | 1/1 | 0.97 | 0.25 | 43,43,43,43 | 0 |
| 91 | MG | 1 | 3829 | 1/1 | 0.97 | 0.09 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3533 | 1/1 | 0.97 | 0.13 | 58,58,58,58 | 0 |
| 92 | OHX | 6 | 2227 | 7/7 | 0.97 | 0.12 | 92,92,92,92 | 7 |
| 92 | OHX | 5 | 4323 | 7/7 | 0.97 | 0.12 | 74,74,74,74 | 7 |
| 91 | MG | C1 | 201 | 1/1 | 0.97 | 0.29 | 79,79,79,79 | 1 |
| 92 | OHX | 5 | 4325 | 7/7 | 0.97 | 0.14 | 70,70,70,70 | 7 |
| 91 | MG | M8 | 203 | 1/1 | 0.97 | 0.22 | 56,56,56,56 | 1 |
| 91 | MG | 5 | 4141 | 1/1 | 0.97 | 0.08 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 3830 | 1/1 | 0.97 | 0.14 | 70,70,70,70 | 0 |
| 91 | MG | 1 | 3431 | 1/1 | 0.97 | 0.29 | 57,57,57,57 | 0 |
| 91 | MG | 5 | 4027 | 1/1 | 0.97 | 0.23 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 4028 | 1/1 | 0.97 | 0.16 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 4146 | 1/1 | 0.97 | 0.24 | 63,63,63,63 | 0 |
| 91 | MG | 5 | 3597 | 1/1 | 0.97 | 0.35 | 44,44,44,44 | 0 |
| 92 | OHX | 1 | 4255 | 7/7 | 0.97 | 0.16 | 66,66,66,66 | 7 |
| 91 | MG | m7 | 207 | 1/1 | 0.97 | 0.17 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4337 | 7/7 | 0.97 | 0.12 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 3457 | 1/1 | 0.97 | 0.32 | 53,53,53,53 | 0 |
| 91 | MG | 1 | 3631 | 1/1 | 0.97 | 0.25 | 66,66,66,66 | 0 |
| 91 | MG | 6 | 1924 | 1/1 | 0.97 | 0.06 | 67,67,67,67 | 0 |
| 91 | MG | 6 | 2093 | 1/1 | 0.97 | 0.12 | 62,62,62,62 | 1 |
| 91 | MG | 5 | 4153 | 1/1 | 0.97 | 0.23 | 55,55,55,55 | 1 |
| 91 | MG | 4 | 232 | 1/1 | 0.97 | 0.21 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3462 | 1/1 | 0.97 | 0.21 | 49,49,49,49 | 0 |
| 91 | MG | 1 | 3492 | 1/1 | 0.97 | 0.10 | 58,58,58,58 | 0 |
| 91 | MG | d3 | 201 | 1/1 | 0.97 | 0.24 | 68,68,68,68 | 1 |
| 91 | MG | 1 | 3614 | 1/1 | 0.97 | 0.10 | 52,52,52,52 | 0 |
| 92 | OHX | 7 | 229 | 7/7 | 0.97 | 0.14 | 84,84,84,84 | 7 |
| 91 | MG | 1 | 3412 | 1/1 | 0.97 | 0.24 | 49,49,49,49 | 0 |
| 92 | OHX | 7 | 232 | 7/7 | 0.97 | 0.19 | 58,58,58,58 | 7 |
| 92 | OHX | 1 | 4269 | 7/7 | 0.97 | 0.17 | 55,55,55,55 | 7 |
| 91 | MG | 1 | 3696 | 1/1 | 0.97 | 0.25 | 70,70,70,70 | 1 |
| 91 | MG | 1 | 3466 | 1/1 | 0.97 | 0.19 | 54,54,54,54 | 0 |
| 91 | MG | 1 | 3765 | 1/1 | 0.97 | 0.13 | 69,69,69,69 | 1 |
| 92 | OHX | 2 | 2203 | 7/7 | 0.97 | 0.11 | 105,105,105,105 | 7 |
| 91 | MG | 5 | 3847 | 1/1 | 0.97 | 0.15 | 55,55,55,55 | 1 |
| 91 | MG | 7 | 207 | 1/1 | 0.97 | 0.18 | 48,48,48,48 | 0 |
| 91 | MG | L3 | 403 | 1/1 | 0.97 | 0.23 | 51,51,51,51 | 1 |
| 92 | OHX | 8 | 222 | 7/7 | 0.97 | 0.14 | 95,95,95,95 | 7 |
| 92 | OHX | 8 | 223 | 7/7 | 0.97 | 0.13 | 75,75,75,75 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | n8 | 204 | 1/1 | 0.97 | 0.14 | 53,53,53,53 | 1 |
| 91 | MG | 5 | 3943 | 1/1 | 0.97 | 0.08 | 61,61,61,61 | 1 |
| 92 | OHX | 1 | 4279 | 7/7 | 0.97 | 0.16 | 61,61,61,61 | 7 |
| 91 | MG | 5 | 3944 | 1/1 | 0.97 | 0.22 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4281 | 7/7 | 0.97 | 0.12 | 98,98,98,98 | 7 |
| 92 | OHX | 1 | 4282 | 7/7 | 0.97 | 0.11 | 102,102,102,102 | 7 |
| 91 | MG | 5 | 3538 | 1/1 | 0.97 | 0.20 | 44,44,44,44 | 0 |
| 91 | MG | o2 | 203 | 1/1 | 0.97 | 0.28 | 45,45,45,45 | 1 |
| 91 | MG | N8 | 202 | 1/1 | 0.97 | 0.14 | 45,45,45,45 | 1 |
| 91 | MG | 5 | 3852 | 1/1 | 0.97 | 0.11 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 3790 | 1/1 | 0.97 | 0.09 | 71,71,71,71 | 0 |
| 91 | MG | 7 | 215 | 1/1 | 0.97 | 0.09 | 64,64,64,64 | 1 |
| 91 | MG | 5 | 3854 | 1/1 | 0.97 | 0.12 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3541 | 1/1 | 0.97 | 0.29 | 35,35,35,35 | 0 |
| 91 | MG | 5 | 3542 | 1/1 | 0.97 | 0.15 | 50,50,50,50 | 0 |
| 91 | MG | o4 | 203 | 1/1 | 0.97 | 0.10 | 80,80,80,80 | 1 |
| 91 | MG | 1 | 3467 | 1/1 | 0.97 | 0.22 | 63,63,63,63 | 0 |
| 91 | MG | 6 | 1990 | 1/1 | 0.97 | 0.23 | 78,78,78,78 | 0 |
| 91 | MG | 5 | 3859 | 1/1 | 0.97 | 0.20 | 47,47,47,47 | 1 |
| 91 | MG | o7 | 103 | 1/1 | 0.97 | 0.37 | 48,48,48,48 | 1 |
| 91 | MG | 1 | 4037 | 1/1 | 0.97 | 0.19 | 69,69,69,69 | 1 |
| 92 | OHX | 1 | 4299 | 7/7 | 0.97 | 0.20 | 62,62,62,62 | 7 |
| 91 | MG | q0 | 202 | 1/1 | 0.97 | 0.18 | 56,56,56,56 | 0 |
| 91 | MG | L4 | 402 | 1/1 | 0.97 | 0.32 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3862 | 1/1 | 0.97 | 0.12 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 3931 | 1/1 | 0.97 | 0.12 | 71,71,71,71 | 1 |
| 91 | MG | 5 | 3960 | 1/1 | 0.97 | 0.12 | 55,55,55,55 | 0 |
| 92 | OHX | 2 | 2079 | 7/7 | 0.97 | 0.09 | 120,120,120,120 | 7 |
| 92 | OHX | 2 | 2083 | 7/7 | 0.97 | 0.09 | 130,130,130,130 | 7 |
| 92 | OHX | 2 | 2084 | 7/7 | 0.97 | 0.10 | 97,97,97,97 | 7 |
| 92 | OHX | 2 | 2089 | 7/7 | 0.97 | 0.11 | 102,102,102,102 | 7 |
| 92 | OHX | 2 | 2091 | 7/7 | 0.97 | 0.11 | 90,90,90,90 | 7 |
| 92 | OHX | 2 | 2092 | 7/7 | 0.97 | 0.11 | 96,96,96,96 | 7 |
| 92 | OHX | 2 | 2093 | 7/7 | 0.97 | 0.08 | 123,123,123,123 | 7 |
| 92 | OHX | n3 | 204 | 7/7 | 0.97 | 0.17 | 73,73,73,73 | 7 |
| 92 | OHX | o2 | 204 | 7/7 | 0.97 | 0.17 | 58,58,58,58 | 7 |
| 92 | OHX | 2 | 2094 | 7/7 | 0.97 | 0.12 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 3478 | 1/1 | 0.97 | 0.21 | 60,60,60,60 | 0 |
| 91 | MG | 5 | 3962 | 1/1 | 0.97 | 0.17 | 50,50,50,50 | 0 |
| 91 | MG | 5 | 4070 | 1/1 | 0.97 | 0.11 | 63,63,63,63 | 0 |
| 92 | OHX | 2 | 2100 | 7/7 | 0.97 | 0.09 | 103,103,103,103 | 7 |
| 91 | MG | 5 | 3866 | 1/1 | 0.97 | 0.19 | 55,55,55,55 | 1 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | L4 | 404 | 1/1 | 0.97 | 0.36 | 53,53,53,53 | 1 |
| 92 | OHX | 2 | 2103 | 7/7 | 0.97 | 0.10 | 103,103,103,103 | 7 |
| 92 | OHX | 1 | 4320 | 7/7 | 0.97 | 0.07 | 190,190,190,190 | 0 |
| 92 | OHX | 2 | 2105 | 7/7 | 0.97 | 0.10 | 106,106,106,106 | 7 |
| 92 | OHX | 1 | 4175 | 7/7 | 0.98 | 0.13 | 64,64,64,64 | 7 |
| 91 | MG | 5 | 3427 | 1/1 | 0.98 | 0.20 | 55,55,55,55 | 0 |
| 91 | MG | m5 | 301 | 1/1 | 0.98 | 0.05 | 69,69,69,69 | 0 |
| 91 | MG | 5 | 4108 | 1/1 | 0.98 | 0.14 | 59,59,59,59 | 0 |
| 91 | MG | 5 | 4109 | 1/1 | 0.98 | 0.24 | 57,57,57,57 | 0 |
| 92 | OHX | 1 | 4181 | 7/7 | 0.98 | 0.09 | 96,96,96,96 | 7 |
| 92 | OHX | Q2 | 505 | 7/7 | 0.98 | 0.13 | 58,58,58,58 | 7 |
| 92 | OHX | 6 | 2145 | 7/7 | 0.98 | 0.10 | 89,89,89,89 | 7 |
| 92 | OHX | 6 | 2147 | 7/7 | 0.98 | 0.09 | 97,97,97,97 | 0 |
| 92 | OHX | 6 | 2153 | 7/7 | 0.98 | 0.10 | 91,91,91,91 | 7 |
| 92 | OHX | 6 | 2158 | 7/7 | 0.98 | 0.11 | 79,79,79,79 | 7 |
| 91 | MG | 5 | 4040 | 1/1 | 0.98 | 0.11 | 52,52,52,52 | 1 |
| 92 | OHX | 2 | 2110 | 7/7 | 0.98 | 0.11 | 85,85,85,85 | 7 |
| 92 | OHX | 6 | 2162 | 7/7 | 0.98 | 0.08 | 127,127,127,127 | 7 |
| 91 | MG | 5 | 4041 | 1/1 | 0.98 | 0.11 | 76,76,76,76 | 0 |
| 91 | MG | 1 | 4036 | 1/1 | 0.98 | 0.06 | 68,68,68,68 | 0 |
| 92 | OHX | 1 | 4186 | 7/7 | 0.98 | 0.13 | 78,78,78,78 | 7 |
| 91 | MG | 1 | 3919 | 1/1 | 0.98 | 0.39 | 50,50,50,50 | 1 |
| 91 | MG | 5 | 4114 | 1/1 | 0.98 | 0.20 | 59,59,59,59 | 1 |
| 92 | OHX | 1 | 4189 | 7/7 | 0.98 | 0.18 | 67,67,67,67 | 7 |
| 92 | OHX | 6 | 2174 | 7/7 | 0.98 | 0.11 | 63,63,63,63 | 7 |
| 92 | OHX | 1 | 4190 | 7/7 | 0.98 | 0.13 | 74,74,74,74 | 7 |
| 92 | OHX | 6 | 2176 | 7/7 | 0.98 | 0.12 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3430 | 1/1 | 0.98 | 0.27 | 47,47,47,47 | 0 |
| 91 | MG | m7 | 202 | 1/1 | 0.98 | 0.19 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3821 | 1/1 | 0.98 | 0.07 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 3773 | 1/1 | 0.98 | 0.05 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3789 | 1/1 | 0.98 | 0.14 | 53,53,53,53 | 0 |
| 92 | OHX | 6 | 2183 | 7/7 | 0.98 | 0.09 | 101,101,101,101 | 7 |
| 91 | MG | 5 | 3596 | 1/1 | 0.98 | 0.43 | 42,42,42,42 | 0 |
| 91 | MG | 1 | 3682 | 1/1 | 0.98 | 0.05 | 52,52,52,52 | 0 |
| 92 | OHX | 1 | 4198 | 7/7 | 0.98 | 0.14 | 51,51,51,51 | 7 |
| 91 | MG | 1 | 3907 | 1/1 | 0.98 | 0.11 | 70,70,70,70 | 0 |
| 92 | OHX | 1 | 4323 | 7/7 | 0.98 | 0.13 | 56,56,56,56 | 7 |
| 91 | MG | 1 | 3996 | 1/1 | 0.98 | 0.09 | 57,57,57,57 | 1 |
| 91 | MG | 5 | 3878 | 1/1 | 0.98 | 0.07 | 61,61,61,61 | 0 |
| 91 | MG | L4 | 401 | 1/1 | 0.98 | 0.29 | 49,49,49,49 | 1 |
| 91 | MG | 1 | 3759 | 1/1 | 0.98 | 0.37 | 48,48,48,48 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4204 | 7/7 | 0.98 | 0.10 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3516 | 1/1 | 0.98 | 0.29 | 47,47,47,47 | 0 |
| 91 | MG | 1 | 3959 | 1/1 | 0.98 | 0.07 | 57,57,57,57 | 1 |
| 91 | MG | 1 | 3925 | 1/1 | 0.98 | 0.28 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3884 | 1/1 | 0.98 | 0.13 | 57,57,57,57 | 1 |
| 92 | OHX | 2 | 2131 | 7/7 | 0.98 | 0.12 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 3939 | 1/1 | 0.98 | 0.07 | 48,48,48,48 | 0 |
| 92 | OHX | 1 | 4211 | 7/7 | 0.98 | 0.15 | 54,54,54,54 | 7 |
| 91 | MG | 5 | 3996 | 1/1 | 0.98 | 0.16 | 48,48,48,48 | 1 |
| 91 | MG | 5 | 3885 | 1/1 | 0.98 | 0.10 | 56,56,56,56 | 1 |
| 91 | MG | O3 | 201 | 1/1 | 0.98 | 0.21 | 50,50,50,50 | 1 |
| 91 | MG | 1 | 3572 | 1/1 | 0.98 | 0.27 | 45,45,45,45 | 0 |
| 91 | MG | 1 | 3745 | 1/1 | 0.98 | 0.07 | 59,59,59,59 | 0 |
| 91 | MG | 1 | 3963 | 1/1 | 0.98 | 0.07 | 57,57,57,57 | 1 |
| 91 | MG | 5 | 3837 | 1/1 | 0.98 | 0.19 | 43,43,43,43 | 0 |
| 92 | OHX | 1 | 4219 | 7/7 | 0.98 | 0.11 | 60,60,60,60 | 7 |
| 91 | MG | 1 | 3928 | 1/1 | 0.98 | 0.30 | 49,49,49,49 | 1 |
| 91 | MG | n9 | 101 | 1/1 | 0.98 | 0.31 | 53,53,53,53 | 1 |
| 91 | MG | 1 | 3898 | 1/1 | 0.98 | 0.09 | 59,59,59,59 | 1 |
| 91 | MG | 5 | 3446 | 1/1 | 0.98 | 0.15 | 45,45,45,45 | 0 |
| 92 | OHX | 2 | 2144 | 7/7 | 0.98 | 0.12 | 101,101,101,101 | 7 |
| 91 | MG | O7 | 104 | 1/1 | 0.98 | 0.48 | 52,52,52,52 | 1 |
| 91 | MG | 1 | 4007 | 1/1 | 0.98 | 0.10 | 67,67,67,67 | 0 |
| 91 | MG | O7 | 106 | 1/1 | 0.98 | 0.53 | 57,57,57,57 | 1 |
| 91 | MG | 5 | 4147 | 1/1 | 0.98 | 0.15 | 46,46,46,46 | 1 |
| 91 | MG | 5 | 3952 | 1/1 | 0.98 | 0.22 | 60,60,60,60 | 1 |
| 92 | OHX | 5 | 4186 | 7/7 | 0.98 | 0.17 | 62,62,62,62 | 7 |
| 91 | MG | 5 | 3450 | 1/1 | 0.98 | 0.18 | 43,43,43,43 | 0 |
| 92 | OHX | 5 | 4189 | 7/7 | 0.98 | 0.14 | 68,68,68,68 | 7 |
| 92 | OHX | 5 | 4190 | 7/7 | 0.98 | 0.10 | 109,109,109,109 | 0 |
| 92 | OHX | 5 | 4193 | 7/7 | 0.98 | 0.13 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 4011 | 1/1 | 0.98 | 0.11 | 53,53,53,53 | 0 |
| 92 | OHX | 1 | 4232 | 7/7 | 0.98 | 0.07 | 131,131,131,131 | 7 |
| 92 | OHX | 5 | 4198 | 7/7 | 0.98 | 0.14 | 71,71,71,71 | 7 |
| 92 | OHX | 5 | 4199 | 7/7 | 0.98 | 0.11 | 75,75,75,75 | 7 |
| 91 | MG | 5 | 4012 | 1/1 | 0.98 | 0.07 | 62,62,62,62 | 0 |
| 92 | OHX | 1 | 4234 | 7/7 | 0.98 | 0.14 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4203 | 7/7 | 0.98 | 0.16 | 59,59,59,59 | 7 |
| 91 | MG | 4 | 228 | 1/1 | 0.98 | 0.06 | 58,58,58,58 | 0 |
| 92 | OHX | 5 | 4206 | 7/7 | 0.98 | 0.10 | 92,92,92,92 | 7 |
| 92 | OHX | 5 | 4207 | 7/7 | 0.98 | 0.14 | 68,68,68,68 | 7 |
| 92 | OHX | 5 | 4208 | 7/7 | 0.98 | 0.08 | 128,128,128,128 | 0 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 3750 | 1/1 | 0.98 | 0.38 | 47,47,47,47 | 1 |
| 91 | MG | M8 | 202 | 1/1 | 0.98 | 0.20 | 61,61,61,61 | 1 |
| 91 | MG | M0 | 303 | 1/1 | 0.98 | 0.10 | 60,60,60,60 | 1 |
| 92 | OHX | 5 | 4212 | 7/7 | 0.98 | 0.12 | 86,86,86,86 | 7 |
| 91 | MG | 1 | 3862 | 1/1 | 0.98 | 0.07 | 61,61,61,61 | 1 |
| 91 | MG | 5 | 4570 | 1/1 | 0.98 | 0.04 | 59,59,59,59 | 0 |
| 92 | OHX | 5 | 4217 | 7/7 | 0.98 | 0.12 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4223 | 7/7 | 0.98 | 0.11 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4224 | 7/7 | 0.98 | 0.13 | 73,73,73,73 | 7 |
| 91 | MG | 5 | 3850 | 1/1 | 0.98 | 0.29 | 53,53,53,53 | 1 |
| 92 | OHX | 5 | 4226 | 7/7 | 0.98 | 0.11 | 91,91,91,91 | 7 |
| 92 | OHX | 5 | 4228 | 7/7 | 0.98 | 0.14 | 60,60,60,60 | 7 |
| 91 | MG | 1 | 3753 | 1/1 | 0.98 | 0.10 | 58,58,58,58 | 1 |
| 91 | MG | 1 | 4507 | 1/1 | 0.98 | 0.08 | 54,54,54,54 | 1 |
| 92 | OHX | 5 | 4231 | 7/7 | 0.98 | 0.13 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4232 | 7/7 | 0.98 | 0.11 | 82,82,82,82 | 7 |
| 91 | MG | N0 | 201 | 1/1 | 0.98 | 0.13 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 3498 | 1/1 | 0.98 | 0.18 | 53,53,53,53 | 0 |
| 91 | MG | q3 | 503 | 1/1 | 0.98 | 0.17 | 56,56,56,56 | 1 |
| 92 | OHX | 2 | 2165 | 7/7 | 0.98 | 0.10 | 102,102,102,102 | 7 |
| 92 | OHX | 5 | 4237 | 7/7 | 0.98 | 0.13 | 74,74,74,74 | 7 |
| 92 | OHX | 5 | 4238 | 7/7 | 0.98 | 0.14 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4239 | 7/7 | 0.98 | 0.14 | 61,61,61,61 | 7 |
| 91 | MG | 1 | 3754 | 1/1 | 0.98 | 0.12 | 49,49,49,49 | 1 |
| 92 | OHX | 2 | 2071 | 7/7 | 0.98 | 0.08 | 106,106,106,106 | 0 |
| 92 | OHX | 2 | 2075 | 7/7 | 0.98 | 0.11 | 105,105,105,105 | 7 |
| 92 | OHX | 7 | 230 | 7/7 | 0.98 | 0.13 | 74,74,74,74 | 7 |
| 92 | OHX | 5 | 4243 | 7/7 | 0.98 | 0.16 | 59,59,59,59 | 7 |
| 92 | OHX | 2 | 2076 | 7/7 | 0.98 | 0.10 | 111,111,111,111 | 7 |
| 91 | MG | 1 | 3613 | 1/1 | 0.98 | 0.15 | 50,50,50,50 | 0 |
| 92 | OHX | 2 | 2080 | 7/7 | 0.98 | 0.10 | 114,114,114,114 | 7 |
| 92 | OHX | 2 | 2081 | 7/7 | 0.98 | 0.13 | 101,101,101,101 | 7 |
| 92 | OHX | 5 | 4249 | 7/7 | 0.98 | 0.10 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4250 | 7/7 | 0.98 | 0.14 | 60,60,60,60 | 7 |
| 92 | OHX | 2 | 2082 | 7/7 | 0.98 | 0.13 | 81,81,81,81 | 7 |
| 91 | MG | 6 | 2040 | 1/1 | 0.98 | 0.10 | 69,69,69,69 | 0 |
| 92 | OHX | 5 | 4253 | 7/7 | 0.98 | 0.17 | 61,61,61,61 | 7 |
| 91 | MG | 17 | 301 | 1/1 | 0.98 | 0.06 | 47,47,47,47 | 0 |
| 92 | OHX | 5 | 4255 | 7/7 | 0.98 | 0.11 | 89,89,89,89 | 7 |
| 92 | OHX | 2 | 2085 | 7/7 | 0.98 | 0.08 | 95,95,95,95 | 7 |
| 92 | OHX | 2 | 2086 | 7/7 | 0.98 | 0.13 | 87,87,87,87 | 7 |
| 92 | OHX | 1 | 4114 | 7/7 | 0.98 | 0.11 | 75,75,75,75 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4116 | 7/7 | 0.98 | 0.14 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4128 | 7/7 | 0.98 | 0.13 | 60,60,60,60 | 7 |
| 92 | OHX | 2 | 2088 | 7/7 | 0.98 | 0.11 | 91,91,91,91 | 7 |
| 92 | OHX | 1 | 4133 | 7/7 | 0.98 | 0.13 | 92,92,92,92 | 7 |
| 92 | OHX | 1 | 4134 | 7/7 | 0.98 | 0.13 | 66,66,66,66 | 7 |
| 92 | OHX | 1 | 4136 | 7/7 | 0.98 | 0.16 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4137 | 7/7 | 0.98 | 0.11 | 77,77,77,77 | 7 |
| 92 | OHX | 5 | 4266 | 7/7 | 0.98 | 0.17 | 54,54,54,54 | 7 |
| 91 | MG | s8 | 302 | 1/1 | 0.98 | 0.24 | 59,59,59,59 | 0 |
| 92 | OHX | 1 | 4139 | 7/7 | 0.98 | 0.12 | 82,82,82,82 | 7 |
| 92 | OHX | 5 | 4269 | 7/7 | 0.98 | 0.14 | 66,66,66,66 | 7 |
| 92 | OHX | 1 | 4141 | 7/7 | 0.98 | 0.16 | 75,75,75,75 | 7 |
| 92 | OHX | 2 | 2090 | 7/7 | 0.98 | 0.10 | 84,84,84,84 | 7 |
| 91 | MG | 5 | 3673 | 1/1 | 0.98 | 0.12 | 49,49,49,49 | 0 |
| 92 | OHX | 4 | 235 | 7/7 | 0.98 | 0.13 | 69,69,69,69 | 7 |
| 92 | OHX | 1 | 4146 | 7/7 | 0.98 | 0.17 | 76,76,76,76 | 7 |
| 91 | MG | 1 | 4033 | 1/1 | 0.98 | 0.07 | 57,57,57,57 | 0 |
| 91 | MG | 1 | 3410 | 1/1 | 0.98 | 0.12 | 41,41,41,41 | 0 |
| 91 | MG | M5 | 302 | 1/1 | 0.98 | 0.21 | 52,52,52,52 | 1 |
| 92 | OHX | 5 | 4442 | 7/7 | 0.98 | 0.14 | 59,59,59,59 | 7 |
| 92 | OHX | 1 | 4151 | 7/7 | 0.98 | 0.09 | 90,90,90,90 | 7 |
| 91 | MG | 5 | 4032 | 1/1 | 0.98 | 0.18 | 55,55,55,55 | 1 |
| 92 | OHX | 1 | 4153 | 7/7 | 0.98 | 0.13 | 102,102,102,102 | 7 |
| 92 | OHX | m0 | 302 | 7/7 | 0.98 | 0.13 | 99,99,99,99 | 7 |
| 92 | OHX | 1 | 4154 | 7/7 | 0.98 | 0.12 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4155 | 7/7 | 0.98 | 0.09 | 87,87,87,87 | 7 |
| 91 | MG | 1 | 3540 | 1/1 | 0.98 | 0.32 | 50,50,50,50 | 0 |
| 92 | OHX | 1 | 4157 | 7/7 | 0.98 | 0.13 | 73,73,73,73 | 7 |
| 92 | OHX | 2 | 2098 | 7/7 | 0.98 | 0.11 | 88,88,88,88 | 7 |
| 92 | OHX | m5 | 303 | 7/7 | 0.98 | 0.13 | 89,89,89,89 | 7 |
| 92 | OHX | 1 | 4160 | 7/7 | 0.98 | 0.10 | 78,78,78,78 | 7 |
| 91 | MG | 5 | 4034 | 1/1 | 0.98 | 0.11 | 48,48,48,48 | 1 |
| 92 | OHX | L3 | 407 | 7/7 | 0.98 | 0.14 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4288 | 7/7 | 0.98 | 0.16 | 53,53,53,53 | 7 |
| 92 | OHX | n9 | 103 | 7/7 | 0.98 | 0.11 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 3864 | 1/1 | 0.98 | 0.17 | 56,56,56,56 | 0 |
| 92 | OHX | 1 | 4166 | 7/7 | 0.98 | 0.14 | 99,99,99,99 | 7 |
| 92 | OHX | o7 | 105 | 7/7 | 0.98 | 0.15 | 74,74,74,74 | 7 |
| 92 | OHX | 1 | 4167 | 7/7 | 0.98 | 0.11 | 65,65,65,65 | 7 |
| 92 | OHX | q2 | 203 | 7/7 | 0.98 | 0.11 | 64,64,64,64 | 7 |
| 92 | OHX | 1 | 4168 | 7/7 | 0.98 | 0.12 | 84,84,84,84 | 7 |
| 92 | OHX | 1 | 4169 | 7/7 | 0.98 | 0.15 | 74,74,74,74 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 1 | 4170 | 7/7 | 0.98 | 0.11 | 68,68,68,68 | 7 |
| 92 | OHX | 1 | 4171 | 7/7 | 0.98 | 0.16 | 64,64,64,64 | 7 |
| 93 | ZN | E1 | 501 | 1/1 | 0.98 | 0.04 | 142,142,142,142 | 0 |
| 91 | MG | 5 | 3918 | 1/1 | 0.98 | 0.03 | 62,62,62,62 | 0 |
| 92 | OHX | 5 | 4298 | 7/7 | 0.98 | 0.17 | 71,71,71,71 | 7 |
| 91 | MG | N6 | 201 | 1/1 | 0.98 | 0.06 | 68,68,68,68 | 1 |
| 91 | MG | 5 | 3590 | 1/1 | 0.98 | 0.31 | 53,53,53,53 | 0 |
| 92 | OHX | 2 | 2074 | 7/7 | 0.99 | 0.08 | 97,97,97,97 | 7 |
| 92 | OHX | 1 | 4142 | 7/7 | 0.99 | 0.09 | 95,95,95,95 | 7 |
| 92 | OHX | 1 | 4143 | 7/7 | 0.99 | 0.12 | 61,61,61,61 | 7 |
| 91 | MG | 5 | 4042 | 1/1 | 0.99 | 0.04 | 65,65,65,65 | 0 |
| 92 | OHX | 5 | 4248 | 7/7 | 0.99 | 0.11 | 72,72,72,72 | 7 |
| 92 | OHX | 2 | 2104 | 7/7 | 0.99 | 0.11 | 83,83,83,83 | 7 |
| 91 | MG | 1 | 3775 | 1/1 | 0.99 | 0.10 | 60,60,60,60 | 0 |
| 92 | OHX | 1 | 4147 | 7/7 | 0.99 | 0.13 | 78,78,78,78 | 7 |
| 92 | OHX | 2 | 2077 | 7/7 | 0.99 | 0.08 | 105,105,105,105 | 7 |
| 92 | OHX | M5 | 309 | 7/7 | 0.99 | 0.12 | 84,84,84,84 | 7 |
| 92 | OHX | 2 | 2078 | 7/7 | 0.99 | 0.09 | 102,102,102,102 | 7 |
| 91 | MG | n1 | 201 | 1/1 | 0.99 | 0.10 | 51,51,51,51 | 1 |
| 91 | MG | 5 | 4081 | 1/1 | 0.99 | 0.42 | 53,53,53,53 | 1 |
| 92 | OHX | N1 | 202 | 7/7 | 0.99 | 0.12 | 69,69,69,69 | 7 |
| 91 | MG | 5 | 4023 | 1/1 | 0.99 | 0.16 | 48,48,48,48 | 1 |
| 92 | OHX | N9 | 102 | 7/7 | 0.99 | 0.10 | 74,74,74,74 | 7 |
| 91 | MG | M3 | 201 | 1/1 | 0.99 | 0.13 | 61,61,61,61 | 1 |
| 91 | MG | 5 | 3790 | 1/1 | 0.99 | 0.18 | 47,47,47,47 | 1 |
| 91 | MG | 5 | 3608 | 1/1 | 0.99 | 0.30 | 38,38,38,38 | 0 |
| 91 | MG | 1 | 3983 | 1/1 | 0.99 | 0.10 | 60,60,60,60 | 1 |
| 91 | MG | 1 | 3632 | 1/1 | 0.99 | 0.07 | 49,49,49,49 | 0 |
| 92 | OHX | 1 | 4158 | 7/7 | 0.99 | 0.06 | 57,57,57,57 | 7 |
| 92 | OHX | 6 | 2141 | 7/7 | 0.99 | 0.06 | 77,77,77,77 | 1 |
| 92 | OHX | 6 | 2142 | 7/7 | 0.99 | 0.10 | 98,98,98,98 | 2 |
| 92 | OHX | 6 | 2143 | 7/7 | 0.99 | 0.07 | 78,78,78,78 | 3 |
| 92 | OHX | 6 | 2144 | 7/7 | 0.99 | 0.07 | 87,87,87,87 | 7 |
| 92 | OHX | 2 | 2087 | 7/7 | 0.99 | 0.09 | 91,91,91,91 | 7 |
| 92 | OHX | 6 | 2146 | 7/7 | 0.99 | 0.10 | 74,74,74,74 | 7 |
| 91 | MG | 5 | 4134 | 1/1 | 0.99 | 0.05 | 66,66,66,66 | 0 |
| 92 | OHX | 6 | 2148 | 7/7 | 0.99 | 0.08 | 88,88,88,88 | 7 |
| 92 | OHX | 6 | 2149 | 7/7 | 0.99 | 0.07 | 98,98,98,98 | 7 |
| 92 | OHX | 6 | 2150 | 7/7 | 0.99 | 0.06 | 74,74,74,74 | 7 |
| 92 | OHX | 6 | 2151 | 7/7 | 0.99 | 0.08 | 99,99,99,99 | 7 |
| 92 | OHX | 6 | 2152 | 7/7 | 0.99 | 0.08 | 76,76,76,76 | 7 |
| 92 | OHX | 1 | 4161 | 7/7 | 0.99 | 0.12 | 86,86,86,86 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 6 | 2154 | 7/7 | 0.99 | 0.07 | 105,105,105,105 | 7 |
| 92 | OHX | 6 | 2155 | 7/7 | 0.99 | 0.12 | 71,71,71,71 | 7 |
| 92 | OHX | 6 | 2156 | 7/7 | 0.99 | 0.10 | 79,79,79,79 | 7 |
| 92 | OHX | 6 | 2157 | 7/7 | 0.99 | 0.10 | 81,81,81,81 | 7 |
| 91 | MG | 5 | 4050 | 1/1 | 0.99 | 0.20 | 47,47,47,47 | 1 |
| 92 | OHX | 1 | 4163 | 7/7 | 0.99 | 0.12 | 60,60,60,60 | 7 |
| 92 | OHX | 6 | 2160 | 7/7 | 0.99 | 0.13 | 70,70,70,70 | 7 |
| 92 | OHX | 1 | 4164 | 7/7 | 0.99 | 0.11 | 68,68,68,68 | 7 |
| 91 | MG | 5 | 3794 | 1/1 | 0.99 | 0.23 | 52,52,52,52 | 1 |
| 91 | MG | 5 | 3598 | 1/1 | 0.99 | 0.40 | 37,37,37,37 | 0 |
| 92 | OHX | 6 | 2164 | 7/7 | 0.99 | 0.08 | 71,71,71,71 | 7 |
| 92 | OHX | 6 | 2165 | 7/7 | 0.99 | 0.07 | 92,92,92,92 | 7 |
| 92 | OHX | 6 | 2166 | 7/7 | 0.99 | 0.08 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4102 | 7/7 | 0.99 | 0.08 | 73,73,73,73 | 1 |
| 92 | OHX | 5 | 4158 | 7/7 | 0.99 | 0.11 | 59,59,59,59 | 3 |
| 92 | OHX | 5 | 4159 | 7/7 | 0.99 | 0.13 | 57,57,57,57 | 2 |
| 92 | OHX | 5 | 4160 | 7/7 | 0.99 | 0.08 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4163 | 7/7 | 0.99 | 0.11 | 62,62,62,62 | 2 |
| 92 | OHX | 5 | 4164 | 7/7 | 0.99 | 0.09 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4165 | 7/7 | 0.99 | 0.08 | 72,72,72,72 | 7 |
| 92 | OHX | 5 | 4166 | 7/7 | 0.99 | 0.07 | 68,68,68,68 | 7 |
| 92 | OHX | 5 | 4168 | 7/7 | 0.99 | 0.10 | 83,83,83,83 | 2 |
| 92 | OHX | 5 | 4169 | 7/7 | 0.99 | 0.10 | 60,60,60,60 | 7 |
| 92 | OHX | 5 | 4170 | 7/7 | 0.99 | 0.07 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4171 | 7/7 | 0.99 | 0.11 | 72,72,72,72 | 7 |
| 92 | OHX | 5 | 4172 | 7/7 | 0.99 | 0.09 | 71,71,71,71 | 7 |
| 92 | OHX | 5 | 4173 | 7/7 | 0.99 | 0.09 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4174 | 7/7 | 0.99 | 0.08 | 64,64,64,64 | 7 |
| 92 | OHX | 5 | 4175 | 7/7 | 0.99 | 0.10 | 65,65,65,65 | 7 |
| 92 | OHX | 5 | 4176 | 7/7 | 0.99 | 0.08 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4177 | 7/7 | 0.99 | 0.08 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4178 | 7/7 | 0.99 | 0.09 | 68,68,68,68 | 7 |
| 92 | OHX | 5 | 4180 | 7/7 | 0.99 | 0.08 | 74,74,74,74 | 7 |
| 92 | OHX | 5 | 4181 | 7/7 | 0.99 | 0.10 | 76,76,76,76 | 7 |
| 92 | OHX | 5 | 4182 | 7/7 | 0.99 | 0.08 | 62,62,62,62 | 7 |
| 92 | OHX | 5 | 4183 | 7/7 | 0.99 | 0.12 | 56,56,56,56 | 7 |
| 92 | OHX | 6 | 2168 | 7/7 | 0.99 | 0.09 | 72,72,72,72 | 7 |
| 92 | OHX | 5 | 4185 | 7/7 | 0.99 | 0.10 | 73,73,73,73 | 7 |
| 92 | OHX | 1 | 4103 | 7/7 | 0.99 | 0.10 | 72,72,72,72 | 3 |
| 92 | OHX | 1 | 4104 | 7/7 | 0.99 | 0.09 | 64,64,64,64 | 2 |
| 92 | OHX | 5 | 4188 | 7/7 | 0.99 | 0.07 | 62,62,62,62 | 7 |
| 92 | OHX | 1 | 4105 | 7/7 | 0.99 | 0.11 | 74,74,74,74 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 92 | OHX | 8 | 221 | 7/7 | 0.99 | 0.09 | 68,68,68,68 | 7 |
| 92 | OHX | 1 | 4107 | 7/7 | 0.99 | 0.07 | 69,69,69,69 | 1 |
| 92 | OHX | 5 | 4191 | 7/7 | 0.99 | 0.09 | 67,67,67,67 | 7 |
| 92 | OHX | 5 | 4192 | 7/7 | 0.99 | 0.10 | 68,68,68,68 | 7 |
| 92 | OHX | 6 | 2173 | 7/7 | 0.99 | 0.11 | 91,91,91,91 | 7 |
| 92 | OHX | 5 | 4194 | 7/7 | 0.99 | 0.08 | 65,65,65,65 | 7 |
| 92 | OHX | 5 | 4195 | 7/7 | 0.99 | 0.06 | 93,93,93,93 | 7 |
| 92 | OHX | 1 | 4108 | 7/7 | 0.99 | 0.06 | 85,85,85,85 | 0 |
| 92 | OHX | 1 | 4109 | 7/7 | 0.99 | 0.09 | 67,67,67,67 | 7 |
| 92 | OHX | 1 | 4110 | 7/7 | 0.99 | 0.06 | 75,75,75,75 | 7 |
| 92 | OHX | 6 | 2177 | 7/7 | 0.99 | 0.10 | 74,74,74,74 | 7 |
| 92 | OHX | 1 | 4111 | 7/7 | 0.99 | 0.07 | 71,71,71,71 | 7 |
| 92 | OHX | 1 | 4176 | 7/7 | 0.99 | 0.09 | 69,69,69,69 | 7 |
| 92 | OHX | 5 | 4202 | 7/7 | 0.99 | 0.13 | 59,59,59,59 | 7 |
| 92 | OHX | 1 | 4112 | 7/7 | 0.99 | 0.10 | 63,63,63,63 | 7 |
| 92 | OHX | 5 | 4335 | 7/7 | 0.99 | 0.10 | 65,65,65,65 | 7 |
| 92 | OHX | 1 | 4113 | 7/7 | 0.99 | 0.07 | 78,78,78,78 | 7 |
| 92 | OHX | 5 | 4205 | 7/7 | 0.99 | 0.10 | 92,92,92,92 | 7 |
| 91 | MG | 5 | 4091 | 1/1 | 0.99 | 0.12 | 45,45,45,45 | 1 |
| 92 | OHX | 1 | 4115 | 7/7 | 0.99 | 0.12 | 64,64,64,64 | 7 |
| 91 | MG | 5 | 4139 | 1/1 | 0.99 | 0.09 | 55,55,55,55 | 1 |
| 92 | OHX | 1 | 4117 | 7/7 | 0.99 | 0.09 | 71,71,71,71 | 7 |
| 92 | OHX | 1 | 4118 | 7/7 | 0.99 | 0.08 | 60,60,60,60 | 7 |
| 92 | OHX | 1 | 4119 | 7/7 | 0.99 | 0.08 | 81,81,81,81 | 7 |
| 92 | OHX | 1 | 4120 | 7/7 | 0.99 | 0.07 | 80,80,80,80 | 7 |
| 92 | OHX | 5 | 4213 | 7/7 | 0.99 | 0.10 | 71,71,71,71 | 7 |
| 92 | OHX | 1 | 4121 | 7/7 | 0.99 | 0.10 | 75,75,75,75 | 7 |
| 92 | OHX | 5 | 4215 | 7/7 | 0.99 | 0.09 | 60,60,60,60 | 7 |
| 92 | OHX | 1 | 4122 | 7/7 | 0.99 | 0.07 | 93,93,93,93 | 7 |
| 92 | OHX | 1 | 4123 | 7/7 | 0.99 | 0.11 | 73,73,73,73 | 7 |
| 92 | OHX | 5 | 4219 | 7/7 | 0.99 | 0.13 | 70,70,70,70 | 7 |
| 92 | OHX | 5 | 4220 | 7/7 | 0.99 | 0.08 | 57,57,57,57 | 7 |
| 92 | OHX | 5 | 4221 | 7/7 | 0.99 | 0.07 | 101,101,101,101 | 7 |
| 92 | OHX | 5 | 4222 | 7/7 | 0.99 | 0.08 | 91,91,91,91 | 7 |
| 92 | OHX | 1 | 4124 | 7/7 | 0.99 | 0.10 | 92,92,92,92 | 7 |
| 92 | OHX | 1 | 4125 | 7/7 | 0.99 | 0.10 | 79,79,79,79 | 7 |
| 92 | OHX | 4 | 233 | 7/7 | 0.99 | 0.11 | 63,63,63,63 | 1 |
| 92 | OHX | 4 | 234 | 7/7 | 0.99 | 0.09 | 71,71,71,71 | 7 |
| 92 | OHX | 5 | 4227 | 7/7 | 0.99 | 0.13 | 59,59,59,59 | 7 |
| 92 | OHX | n1 | 204 | 7/7 | 0.99 | 0.10 | 63,63,63,63 | 7 |
| 92 | OHX | 1 | 4126 | 7/7 | 0.99 | 0.09 | 65,65,65,65 | 7 |
| 92 | OHX | 1 | 4127 | 7/7 | 0.99 | 0.06 | 80,80,80,80 | 7 |

Continued on next page...

Continued from previous page...

| Mol | Type | Chain | Res | Atoms | RSCC | RSR | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 91 | MG | 5 | 4077 | 1/1 | 0.99 | 0.12 | 60,60,60,60 | 1 |
| 91 | MG | 5 | 4123 | 1/1 | 0.99 | 0.07 | 49,49,49,49 | 1 |
| 92 | OHX | 1 | 4130 | 7/7 | 0.99 | 0.09 | 77,77,77,77 | 7 |
| 92 | OHX | 1 | 4131 | 7/7 | 0.99 | 0.13 | 72,72,72,72 | 7 |
| 92 | OHX | 1 | 4132 | 7/7 | 0.99 | 0.10 | 77,77,77,77 | 7 |
| 92 | OHX | 2 | 2069 | 7/7 | 0.99 | 0.08 | 92,92,92,92 | 0 |
| 92 | OHX | 2 | 2097 | 7/7 | 0.99 | 0.07 | 76,76,76,76 | 7 |
| 92 | OHX | 1 | 4135 | 7/7 | 0.99 | 0.10 | 67,67,67,67 | 7 |
| 93 | ZN | D6 | 101 | 1/1 | 0.99 | 0.08 | 106,106,106,106 | 0 |
| 92 | OHX | 2 | 2070 | 7/7 | 0.99 | 0.08 | 96,96,96,96 | 7 |
| 93 | ZN | D9 | 102 | 1/1 | 0.99 | 0.04 | 93,93,93,93 | 0 |
| 92 | OHX | 1 | 4267 | 7/7 | 0.99 | 0.09 | 62,62,62,62 | 7 |
| 91 | MG | 1 | 3825 | 1/1 | 0.99 | 0.04 | 59,59,59,59 | 0 |
| 93 | ZN | Q3 | 501 | 1/1 | 0.99 | 0.03 | 79,79,79,79 | 0 |
| 93 | ZN | d6 | 101 | 1/1 | 0.99 | 0.06 | 85,85,85,85 | 0 |
| 92 | OHX | 2 | 2072 | 7/7 | 0.99 | 0.07 | 97,97,97,97 | 7 |
| 92 | OHX | 2 | 2073 | 7/7 | 0.99 | 0.07 | 82,82,82,82 | 7 |
| 92 | OHX | 1 | 4140 | 7/7 | 0.99 | 0.11 | 84,84,84,84 | 7 |
| 93 | ZN | q3 | 501 | 1/1 | 0.99 | 0.04 | 77,77,77,77 | 0 |
| 92 | OHX | 1 | 4106 | 7/7 | 1.00 | 0.08 | 61,61,61,61 | 7 |
| 92 | OHX | 5 | 4167 | 7/7 | 1.00 | 0.10 | 57,57,57,57 | 7 |
| 92 | OHX | 1 | 4100 | 7/7 | 1.00 | 0.06 | 68,68,68,68 | 2 |
| 92 | OHX | 5 | 4218 | 7/7 | 1.00 | 0.08 | 80,80,80,80 | 7 |
| 93 | ZN | O7 | 102 | 1/1 | 1.00 | 0.04 | 59,59,59,59 | 0 |
| 93 | ZN | Q0 | 202 | 1/1 | 1.00 | 0.03 | 64,64,64,64 | 0 |
| 92 | OHX | 1 | 4101 | 7/7 | 1.00 | 0.09 | 63,63,63,63 | 2 |
| 92 | OHX | 5 | 4179 | 7/7 | 1.00 | 0.06 | 74,74,74,74 | 7 |
| 92 | OHX | 5 | 4161 | 7/7 | 1.00 | 0.06 | 72,72,72,72 | 0 |
| 92 | OHX | 5 | 4162 | 7/7 | 1.00 | 0.05 | 70,70,70,70 | 0 |
| 93 | ZN | d9 | 102 | 1/1 | 1.00 | 0.03 | 96,96,96,96 | 0 |
| 92 | OHX | 1 | 4099 | 7/7 | 1.00 | 0.07 | 63,63,63,63 | 1 |
| 93 | ZN | o7 | 104 | 1/1 | 1.00 | 0.01 | 61,61,61,61 | 0 |
| 93 | ZN | q0 | 201 | 1/1 | 1.00 | 0.02 | 52,52,52,52 | 0 |
| 92 | OHX | 5 | 4156 | 7/7 | 1.00 | 0.08 | 65,65,65,65 | 0 |
| 92 | OHX | 5 | 4157 | 7/7 | 1.00 | 0.07 | 61,61,61,61 | 1 |

6.5 Other polymers

There are no such residues in this entry.