



wwPDB X-ray Structure Validation Summary Report

Jun 16, 2014 – 09:06 PM BST

PDB ID : 4V7R
Title : Yeast 80S ribosome.
Authors : Ben-Shem, A.; Jenner, L.; Yusupova, G.; Yusupov, M.
Deposited on : 2010-07-23
Resolution : 4.00 Å(reported)

This is a wwPDB validation summary report for a publicly released PDB entry.

We welcome your comments at validation@mail.wwpdb.org

A user guide is available at <http://wwpdb.org/ValidationPDFNotes.html>

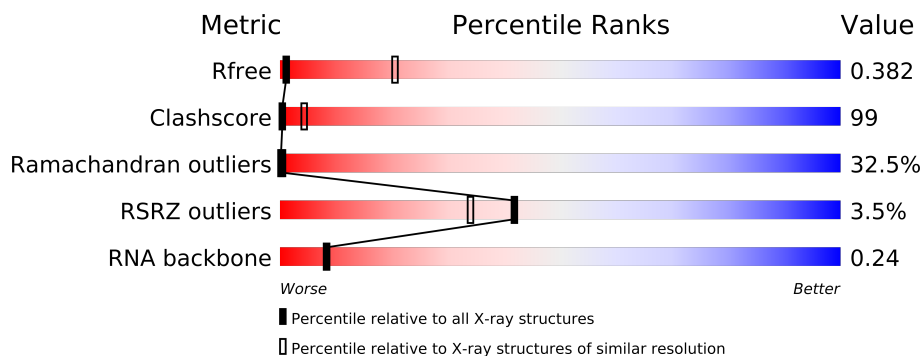
The following versions of software and data (see [references](#)) were used in the production of this report:

MolProbity : 4.02b-467
Mogul : 1.16 November 2013
Xtriage (Phenix) : dev-1323
EDS : stable23397
Percentile statistics : 21963
Refmac : 5.8.0049
CCP4 : 6.3.0 (Settle)
Ideal geometry (proteins) : Engh & Huber (2001)
Ideal geometry (DNA, RNA) : Parkinson et. al. (1996)
Validation Pipeline (wwPDB-VP) : stable23397

1 Overall quality at a glance

The reported resolution of this entry is 4.00 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} | 66092 | 1035 (4.52-3.46) |
| Clashscore | 79885 | 1235 (4.50-3.50) |
| Ramachandran outliers | 78287 | 1170 (4.50-3.50) |
| RSRZ outliers | 66119 | 1035 (4.52-3.46) |
| RNA backbone | 1838 | 1018 (5.00-2.80) |

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 on the lower bar indicate the fraction of residues that contain outliers for ≥ 3 , 2, 1 and 0 types of geometric quality criteria. The upper red bar (where present) indicates the fraction of residues that have poor fit to the electron density.

| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 1 | A1 | 1800 | |
| 1 | C1 | 1800 | |
| 2 | AA | 252 | |
| 2 | CA | 252 | |
| 3 | AB | 254 | |
| 3 | CB | 254 | |
| 4 | AC | 240 | |
| 4 | CC | 240 | |
| 5 | AD | 225 | |
| 5 | CD | 225 | |
| 6 | AE | 197 | |
| 6 | CE | 197 | |
| 7 | AF | 156 | |
| 7 | CF | 156 | |










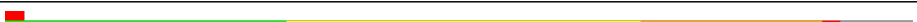
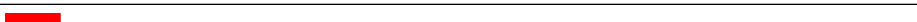

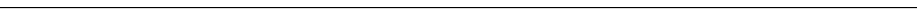

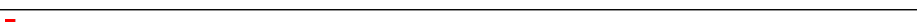


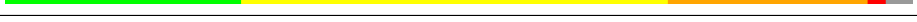

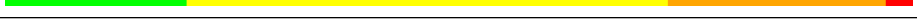


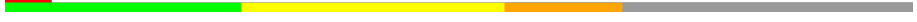

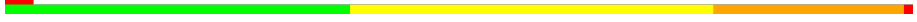

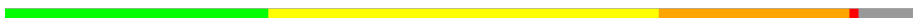
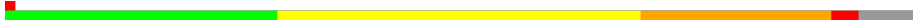
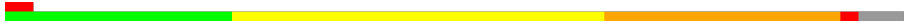




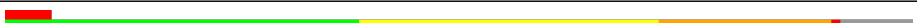
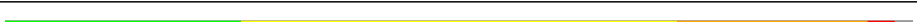
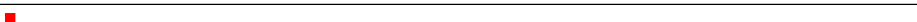

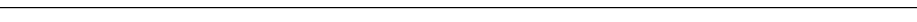

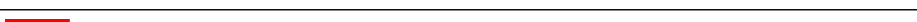
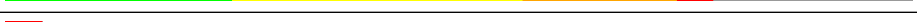

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| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 8 | AG | 151 | |
| 8 | CG | 151 | |
| 9 | AH | 137 | |
| 9 | CH | 137 | |
| 10 | AI | 142 | |
| 10 | CI | 142 | |
| 11 | AJ | 143 | |
| 11 | CJ | 143 | |
| 12 | AK | 136 | |
| 12 | CK | 136 | |
| 13 | AL | 146 | |
| 13 | CL | 146 | |
| 14 | AM | 144 | |
| 14 | CM | 144 | |
| 15 | AN | 121 | |
| 15 | CN | 121 | |
| 16 | AO | 130 | |
| 16 | CO | 130 | |
| 17 | AP | 145 | |
| 17 | CP | 145 | |
| 18 | AQ | 108 | |
| 18 | CQ | 108 | |
| 19 | AR | 67 | |
| 19 | CR | 67 | |
| 20 | AS | 56 | |
| 20 | CS | 56 | |
| 21 | AT | 319 | |
| 21 | CT | 319 | |
| 22 | Aa | 20 | |
| 22 | Bo | 20 | |
| 22 | Ca | 20 | |
| 23 | Ab | 105 | |
| 23 | Cb | 105 | |
| 24 | Ac | 93 | |
| 24 | Cc | 93 | |
| 25 | Ad | 35 | |
| 25 | Cd | 35 | |
| 26 | Ae | 21 | |
| 26 | Bj | 21 | |
| 26 | Dj | 21 | |
| 27 | Af | 11 | |
| 28 | Ah | 41 | |

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| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|--|
| 28 | Ch | 41 |  |
| 29 | B1 | 3396 |  |
| 29 | D1 | 3396 |  |
| 30 | B2 | 121 |  |
| 30 | D2 | 121 |  |
| 31 | B3 | 158 |  |
| 31 | D3 | 158 |  |
| 32 | BA | 217 |  |
| 32 | DA | 217 |  |
| 33 | BB | 254 |  |
| 33 | DB | 254 |  |
| 34 | BC | 387 |  |
| 34 | DC | 387 |  |
| 35 | BD | 362 |  |
| 35 | DD | 362 |  |
| 36 | BE | 297 |  |
| 36 | DE | 297 |  |
| 37 | BF | 176 |  |
| 37 | DF | 176 |  |
| 38 | BG | 244 |  |
| 38 | DG | 244 |  |
| 39 | BH | 256 |  |
| 39 | DH | 256 |  |
| 40 | BI | 191 |  |
| 40 | DI | 191 |  |
| 41 | BJ | 221 |  |
| 41 | DJ | 221 |  |
| 42 | BK | 174 |  |
| 42 | DK | 174 |  |
| 43 | BN | 138 |  |
| 43 | DN | 138 |  |
| 44 | BO | 204 |  |
| 44 | DO | 204 |  |
| 45 | BP | 199 |  |
| 45 | DP | 199 |  |
| 46 | BQ | 184 |  |
| 46 | DQ | 184 |  |
| 47 | BR | 186 |  |
| 47 | DR | 186 |  |
| 48 | BS | 189 |  |
| 48 | DS | 189 |  |
| 49 | BT | 160 |  |

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| Mol | Chain | Length | Quality of chain |
|-----|-------|--------|------------------|
| 49 | DT | 160 | |
| 50 | BU | 137 | |
| 50 | DU | 137 | |
| 51 | BV | 155 | |
| 51 | DV | 155 | |
| 52 | BW | 142 | |
| 52 | DW | 142 | |
| 53 | BX | 127 | |
| 53 | DX | 127 | |
| 54 | BY | 149 | |
| 54 | DY | 149 | |
| 55 | BZ | 105 | |
| 55 | DZ | 105 | |
| 56 | Ba | 113 | |
| 56 | Da | 113 | |
| 57 | Bb | 130 | |
| 57 | Db | 130 | |
| 58 | Bc | 120 | |
| 58 | Dc | 120 | |
| 59 | Bd | 88 | |
| 59 | Dd | 88 | |
| 60 | Be | 51 | |
| 60 | De | 51 | |
| 61 | Bf | 106 | |
| 61 | Df | 106 | |
| 62 | Bg | 92 | |
| 62 | Dg | 92 | |
| 63 | Bh | 44 | |
| 63 | Dh | 44 | |
| 64 | Bi | 12 | |
| 64 | Di | 12 | |
| 65 | Bk | 16 | |
| 65 | Dk | 16 | |
| 66 | Bl | 19 | |
| 67 | Bm | 9 | |
| 68 | Bn | 27 | |
| 69 | Bp | 8 | |
| 70 | Bq | 17 | |
| 71 | Br | 23 | |
| 72 | DL | 165 | |
| 73 | DM | 312 | |

The following table lists non-polymeric compounds that are outliers for geometric or electron-

density-fit criteria:

| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | A1 | 1904 | - | X |
| 74 | OHX | A1 | 1905 | - | X |
| 74 | OHX | A1 | 1907 | - | X |
| 74 | OHX | A1 | 1921 | - | X |
| 74 | OHX | A1 | 1922 | - | X |
| 74 | OHX | A1 | 1923 | - | X |
| 74 | OHX | A1 | 1925 | - | X |
| 74 | OHX | A1 | 1926 | - | X |
| 74 | OHX | A1 | 1930 | - | X |
| 74 | OHX | A1 | 1932 | - | X |
| 74 | OHX | A1 | 1934 | - | X |
| 74 | OHX | A1 | 1935 | - | X |
| 74 | OHX | A1 | 1937 | - | X |
| 74 | OHX | A1 | 1938 | - | X |
| 74 | OHX | A1 | 1939 | - | X |
| 74 | OHX | A1 | 1940 | - | X |
| 74 | OHX | A1 | 1941 | - | X |
| 74 | OHX | A1 | 1942 | - | X |
| 74 | OHX | A1 | 1947 | - | X |
| 74 | OHX | A1 | 1951 | - | X |
| 74 | OHX | A1 | 1952 | - | X |
| 74 | OHX | A1 | 1954 | - | X |
| 74 | OHX | A1 | 1955 | - | X |
| 74 | OHX | A1 | 1958 | - | X |
| 74 | OHX | A1 | 1959 | - | X |
| 74 | OHX | A1 | 1960 | - | X |
| 74 | OHX | A1 | 1962 | - | X |
| 74 | OHX | A1 | 1965 | - | X |
| 74 | OHX | A1 | 1966 | - | X |
| 74 | OHX | A1 | 1967 | - | X |
| 74 | OHX | A1 | 1968 | - | X |
| 74 | OHX | A1 | 1969 | - | X |
| 74 | OHX | A1 | 1970 | - | X |
| 74 | OHX | A1 | 1971 | - | X |
| 74 | OHX | A1 | 1972 | - | X |
| 74 | OHX | A1 | 1974 | - | X |
| 74 | OHX | A1 | 1977 | - | X |
| 74 | OHX | A1 | 1978 | - | X |
| 74 | OHX | A1 | 1981 | - | X |
| 74 | OHX | A1 | 1983 | - | X |
| 74 | OHX | A1 | 1984 | - | X |
| 74 | OHX | A1 | 1985 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | A1 | 1988 | - | X |
| 74 | OHX | A1 | 1989 | - | X |
| 74 | OHX | A1 | 1991 | - | X |
| 74 | OHX | A1 | 1992 | - | X |
| 74 | OHX | A1 | 1993 | - | X |
| 74 | OHX | A1 | 1995 | - | X |
| 74 | OHX | A1 | 1997 | - | X |
| 74 | OHX | A1 | 1998 | - | X |
| 74 | OHX | A1 | 1999 | - | X |
| 74 | OHX | A1 | 2000 | - | X |
| 74 | OHX | A1 | 2002 | - | X |
| 74 | OHX | AT | 401 | - | X |
| 74 | OHX | Ac | 100 | - | X |
| 74 | OHX | B1 | 3401 | - | X |
| 74 | OHX | B1 | 3402 | - | X |
| 74 | OHX | B1 | 3403 | - | X |
| 74 | OHX | B1 | 3423 | - | X |
| 74 | OHX | B1 | 3431 | - | X |
| 74 | OHX | B1 | 3434 | - | X |
| 74 | OHX | B1 | 3435 | - | X |
| 74 | OHX | B1 | 3439 | - | X |
| 74 | OHX | B1 | 3440 | - | X |
| 74 | OHX | B1 | 3441 | - | X |
| 74 | OHX | B1 | 3453 | - | X |
| 74 | OHX | B1 | 3454 | - | X |
| 74 | OHX | B1 | 3456 | - | X |
| 74 | OHX | B1 | 3457 | - | X |
| 74 | OHX | B1 | 3458 | - | X |
| 74 | OHX | B1 | 3461 | - | X |
| 74 | OHX | B1 | 3464 | - | X |
| 74 | OHX | B1 | 3468 | - | X |
| 74 | OHX | B1 | 3469 | - | X |
| 74 | OHX | B1 | 3472 | - | X |
| 74 | OHX | B1 | 3474 | - | X |
| 74 | OHX | B1 | 3479 | - | X |
| 74 | OHX | B1 | 3481 | - | X |
| 74 | OHX | B1 | 3484 | - | X |
| 74 | OHX | B1 | 3486 | - | X |
| 74 | OHX | B1 | 3491 | - | X |
| 74 | OHX | B1 | 3495 | - | X |
| 74 | OHX | B1 | 3497 | - | X |
| 74 | OHX | B1 | 3498 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | B1 | 3501 | - | X |
| 74 | OHX | B1 | 3502 | - | X |
| 74 | OHX | B1 | 3504 | - | X |
| 74 | OHX | B1 | 3506 | - | X |
| 74 | OHX | B1 | 3508 | - | X |
| 74 | OHX | B1 | 3509 | - | X |
| 74 | OHX | B1 | 3510 | - | X |
| 74 | OHX | B1 | 3511 | - | X |
| 74 | OHX | B1 | 3512 | - | X |
| 74 | OHX | B1 | 3514 | - | X |
| 74 | OHX | B1 | 3515 | - | X |
| 74 | OHX | B1 | 3517 | - | X |
| 74 | OHX | B1 | 3519 | - | X |
| 74 | OHX | B1 | 3520 | - | X |
| 74 | OHX | B1 | 3521 | - | X |
| 74 | OHX | B1 | 3523 | - | X |
| 74 | OHX | B1 | 3524 | - | X |
| 74 | OHX | B1 | 3525 | - | X |
| 74 | OHX | B1 | 3527 | - | X |
| 74 | OHX | B1 | 3528 | - | X |
| 74 | OHX | B1 | 3530 | - | X |
| 74 | OHX | B1 | 3532 | - | X |
| 74 | OHX | B1 | 3533 | - | X |
| 74 | OHX | B1 | 3534 | - | X |
| 74 | OHX | B1 | 3535 | - | X |
| 74 | OHX | B1 | 3538 | - | X |
| 74 | OHX | B1 | 3539 | - | X |
| 74 | OHX | B1 | 3541 | - | X |
| 74 | OHX | B1 | 3542 | - | X |
| 74 | OHX | B1 | 3544 | - | X |
| 74 | OHX | B1 | 3545 | - | X |
| 74 | OHX | B1 | 3546 | - | X |
| 74 | OHX | B1 | 3547 | - | X |
| 74 | OHX | B1 | 3548 | - | X |
| 74 | OHX | B1 | 3549 | - | X |
| 74 | OHX | B1 | 3550 | - | X |
| 74 | OHX | B1 | 3551 | - | X |
| 74 | OHX | B1 | 3552 | - | X |
| 74 | OHX | B1 | 3554 | - | X |
| 74 | OHX | B1 | 3555 | - | X |
| 74 | OHX | B1 | 3556 | - | X |
| 74 | OHX | B1 | 3558 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | B1 | 3560 | - | X |
| 74 | OHX | B1 | 3561 | - | X |
| 74 | OHX | B1 | 3562 | - | X |
| 74 | OHX | B1 | 3563 | - | X |
| 74 | OHX | B1 | 3564 | - | X |
| 74 | OHX | B1 | 3566 | - | X |
| 74 | OHX | B1 | 3568 | - | X |
| 74 | OHX | B1 | 3571 | - | X |
| 74 | OHX | B1 | 3572 | - | X |
| 74 | OHX | B1 | 3573 | - | X |
| 74 | OHX | B1 | 3575 | - | X |
| 74 | OHX | B1 | 3577 | - | X |
| 74 | OHX | B1 | 3578 | - | X |
| 74 | OHX | B1 | 3579 | - | X |
| 74 | OHX | B1 | 3580 | - | X |
| 74 | OHX | B1 | 3581 | - | X |
| 74 | OHX | B1 | 3582 | - | X |
| 74 | OHX | B1 | 3583 | - | X |
| 74 | OHX | B1 | 3584 | - | X |
| 74 | OHX | B1 | 3588 | - | X |
| 74 | OHX | B1 | 3589 | - | X |
| 74 | OHX | B1 | 3590 | - | X |
| 74 | OHX | B1 | 3592 | - | X |
| 74 | OHX | B1 | 3594 | - | X |
| 74 | OHX | B1 | 3595 | - | X |
| 74 | OHX | B1 | 3596 | - | X |
| 74 | OHX | B1 | 3597 | - | X |
| 74 | OHX | B1 | 3598 | - | X |
| 74 | OHX | B1 | 3599 | - | X |
| 74 | OHX | B1 | 3600 | - | X |
| 74 | OHX | B1 | 3601 | - | X |
| 74 | OHX | B1 | 3602 | - | X |
| 74 | OHX | B1 | 3603 | - | X |
| 74 | OHX | B1 | 3604 | - | X |
| 74 | OHX | B1 | 3605 | - | X |
| 74 | OHX | B1 | 3606 | - | X |
| 74 | OHX | B1 | 3607 | - | X |
| 74 | OHX | B1 | 3608 | - | X |
| 74 | OHX | B1 | 3609 | - | X |
| 74 | OHX | B1 | 3611 | - | X |
| 74 | OHX | B1 | 3613 | - | X |
| 74 | OHX | B1 | 3614 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | B1 | 3615 | - | X |
| 74 | OHX | B1 | 3616 | - | X |
| 74 | OHX | B1 | 3617 | - | X |
| 74 | OHX | B1 | 3619 | - | X |
| 74 | OHX | B1 | 3621 | - | X |
| 74 | OHX | B2 | 203 | - | X |
| 74 | OHX | B2 | 204 | - | X |
| 74 | OHX | B2 | 207 | - | X |
| 74 | OHX | B2 | 208 | - | X |
| 74 | OHX | B2 | 209 | - | X |
| 74 | OHX | B2 | 210 | - | X |
| 74 | OHX | B3 | 206 | - | X |
| 74 | OHX | B3 | 209 | - | X |
| 74 | OHX | B3 | 210 | - | X |
| 74 | OHX | BO | 301 | - | X |
| 74 | OHX | C1 | 1903 | - | X |
| 74 | OHX | C1 | 1906 | - | X |
| 74 | OHX | C1 | 1915 | - | X |
| 74 | OHX | C1 | 1919 | - | X |
| 74 | OHX | C1 | 1920 | - | X |
| 74 | OHX | C1 | 1928 | - | X |
| 74 | OHX | C1 | 1929 | - | X |
| 74 | OHX | C1 | 1936 | - | X |
| 74 | OHX | C1 | 1938 | - | X |
| 74 | OHX | C1 | 1939 | - | X |
| 74 | OHX | C1 | 1940 | - | X |
| 74 | OHX | C1 | 1947 | - | X |
| 74 | OHX | C1 | 1950 | - | X |
| 74 | OHX | C1 | 1957 | - | X |
| 74 | OHX | C1 | 1958 | - | X |
| 74 | OHX | C1 | 1960 | - | X |
| 74 | OHX | C1 | 1961 | - | X |
| 74 | OHX | C1 | 1962 | - | X |
| 74 | OHX | C1 | 1963 | - | X |
| 74 | OHX | C1 | 1965 | - | X |
| 74 | OHX | C1 | 1966 | - | X |
| 74 | OHX | C1 | 1967 | - | X |
| 74 | OHX | C1 | 1972 | - | X |
| 74 | OHX | C1 | 1973 | - | X |
| 74 | OHX | C1 | 1974 | - | X |
| 74 | OHX | C1 | 1975 | - | X |
| 74 | OHX | C1 | 1976 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | C1 | 1978 | - | X |
| 74 | OHX | C1 | 1979 | - | X |
| 74 | OHX | C1 | 1980 | - | X |
| 74 | OHX | C1 | 1981 | - | X |
| 74 | OHX | C1 | 1982 | - | X |
| 74 | OHX | C1 | 1984 | - | X |
| 74 | OHX | C1 | 1985 | - | X |
| 74 | OHX | C1 | 1986 | - | X |
| 74 | OHX | C1 | 1988 | - | X |
| 74 | OHX | C1 | 1989 | - | X |
| 74 | OHX | C1 | 1991 | - | X |
| 74 | OHX | C1 | 1992 | - | X |
| 74 | OHX | C1 | 1995 | - | X |
| 74 | OHX | C1 | 1996 | - | X |
| 74 | OHX | C1 | 1997 | - | X |
| 74 | OHX | C1 | 1998 | - | X |
| 74 | OHX | C1 | 2000 | - | X |
| 74 | OHX | C1 | 2001 | - | X |
| 74 | OHX | D1 | 3401 | - | X |
| 74 | OHX | D1 | 3403 | - | X |
| 74 | OHX | D1 | 3405 | - | X |
| 74 | OHX | D1 | 3409 | - | X |
| 74 | OHX | D1 | 3410 | - | X |
| 74 | OHX | D1 | 3413 | - | X |
| 74 | OHX | D1 | 3417 | - | X |
| 74 | OHX | D1 | 3422 | - | X |
| 74 | OHX | D1 | 3429 | - | X |
| 74 | OHX | D1 | 3432 | - | X |
| 74 | OHX | D1 | 3433 | - | X |
| 74 | OHX | D1 | 3436 | - | X |
| 74 | OHX | D1 | 3437 | - | X |
| 74 | OHX | D1 | 3439 | - | X |
| 74 | OHX | D1 | 3440 | - | X |
| 74 | OHX | D1 | 3441 | - | X |
| 74 | OHX | D1 | 3449 | - | X |
| 74 | OHX | D1 | 3450 | - | X |
| 74 | OHX | D1 | 3451 | - | X |
| 74 | OHX | D1 | 3453 | - | X |
| 74 | OHX | D1 | 3457 | - | X |
| 74 | OHX | D1 | 3459 | - | X |
| 74 | OHX | D1 | 3460 | - | X |
| 74 | OHX | D1 | 3463 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | D1 | 3466 | - | X |
| 74 | OHX | D1 | 3467 | - | X |
| 74 | OHX | D1 | 3468 | - | X |
| 74 | OHX | D1 | 3474 | - | X |
| 74 | OHX | D1 | 3475 | - | X |
| 74 | OHX | D1 | 3479 | - | X |
| 74 | OHX | D1 | 3481 | - | X |
| 74 | OHX | D1 | 3482 | - | X |
| 74 | OHX | D1 | 3485 | - | X |
| 74 | OHX | D1 | 3487 | - | X |
| 74 | OHX | D1 | 3489 | - | X |
| 74 | OHX | D1 | 3490 | - | X |
| 74 | OHX | D1 | 3494 | - | X |
| 74 | OHX | D1 | 3497 | - | X |
| 74 | OHX | D1 | 3498 | - | X |
| 74 | OHX | D1 | 3500 | - | X |
| 74 | OHX | D1 | 3505 | - | X |
| 74 | OHX | D1 | 3507 | - | X |
| 74 | OHX | D1 | 3508 | - | X |
| 74 | OHX | D1 | 3510 | - | X |
| 74 | OHX | D1 | 3511 | - | X |
| 74 | OHX | D1 | 3513 | - | X |
| 74 | OHX | D1 | 3514 | - | X |
| 74 | OHX | D1 | 3515 | - | X |
| 74 | OHX | D1 | 3516 | - | X |
| 74 | OHX | D1 | 3517 | - | X |
| 74 | OHX | D1 | 3519 | - | X |
| 74 | OHX | D1 | 3522 | - | X |
| 74 | OHX | D1 | 3523 | - | X |
| 74 | OHX | D1 | 3524 | - | X |
| 74 | OHX | D1 | 3525 | - | X |
| 74 | OHX | D1 | 3527 | - | X |
| 74 | OHX | D1 | 3528 | - | X |
| 74 | OHX | D1 | 3529 | - | X |
| 74 | OHX | D1 | 3532 | - | X |
| 74 | OHX | D1 | 3533 | - | X |
| 74 | OHX | D1 | 3534 | - | X |
| 74 | OHX | D1 | 3535 | - | X |
| 74 | OHX | D1 | 3536 | - | X |
| 74 | OHX | D1 | 3538 | - | X |
| 74 | OHX | D1 | 3541 | - | X |
| 74 | OHX | D1 | 3542 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | D1 | 3544 | - | X |
| 74 | OHX | D1 | 3545 | - | X |
| 74 | OHX | D1 | 3546 | - | X |
| 74 | OHX | D1 | 3547 | - | X |
| 74 | OHX | D1 | 3549 | - | X |
| 74 | OHX | D1 | 3550 | - | X |
| 74 | OHX | D1 | 3552 | - | X |
| 74 | OHX | D1 | 3553 | - | X |
| 74 | OHX | D1 | 3554 | - | X |
| 74 | OHX | D1 | 3555 | - | X |
| 74 | OHX | D1 | 3557 | - | X |
| 74 | OHX | D1 | 3558 | - | X |
| 74 | OHX | D1 | 3559 | - | X |
| 74 | OHX | D1 | 3563 | - | X |
| 74 | OHX | D1 | 3564 | - | X |
| 74 | OHX | D1 | 3565 | - | X |
| 74 | OHX | D1 | 3566 | - | X |
| 74 | OHX | D1 | 3568 | - | X |
| 74 | OHX | D1 | 3570 | - | X |
| 74 | OHX | D1 | 3573 | - | X |
| 74 | OHX | D1 | 3575 | - | X |
| 74 | OHX | D1 | 3578 | - | X |
| 74 | OHX | D1 | 3579 | - | X |
| 74 | OHX | D1 | 3580 | - | X |
| 74 | OHX | D1 | 3581 | - | X |
| 74 | OHX | D1 | 3584 | - | X |
| 74 | OHX | D1 | 3585 | - | X |
| 74 | OHX | D1 | 3586 | - | X |
| 74 | OHX | D1 | 3587 | - | X |
| 74 | OHX | D1 | 3589 | - | X |
| 74 | OHX | D1 | 3590 | - | X |
| 74 | OHX | D1 | 3591 | - | X |
| 74 | OHX | D1 | 3592 | - | X |
| 74 | OHX | D1 | 3593 | - | X |
| 74 | OHX | D1 | 3594 | - | X |
| 74 | OHX | D1 | 3595 | - | X |
| 74 | OHX | D1 | 3597 | - | X |
| 74 | OHX | D1 | 3599 | - | X |
| 74 | OHX | D1 | 3600 | - | X |
| 74 | OHX | D1 | 3601 | - | X |
| 74 | OHX | D1 | 3602 | - | X |
| 74 | OHX | D1 | 3603 | - | X |

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| Mol | Type | Chain | Res | Geometry | Electron density |
|-----|------|-------|------|----------|------------------|
| 74 | OHX | D1 | 3605 | - | X |
| 74 | OHX | D1 | 3606 | - | X |
| 74 | OHX | D1 | 3610 | - | X |
| 74 | OHX | D1 | 3611 | - | X |
| 74 | OHX | D1 | 3613 | - | X |
| 74 | OHX | D1 | 3614 | - | X |
| 74 | OHX | D1 | 3615 | - | X |
| 74 | OHX | D1 | 3616 | - | X |
| 74 | OHX | D1 | 3617 | - | X |
| 74 | OHX | D1 | 3618 | - | X |
| 74 | OHX | D1 | 3620 | - | X |
| 74 | OHX | D1 | 3623 | - | X |
| 74 | OHX | D1 | 3624 | - | X |
| 74 | OHX | D1 | 3625 | - | X |
| 74 | OHX | D2 | 203 | - | X |
| 74 | OHX | D2 | 204 | - | X |
| 74 | OHX | D2 | 208 | - | X |
| 74 | OHX | D2 | 209 | - | X |
| 74 | OHX | D3 | 208 | - | X |
| 74 | OHX | D3 | 210 | - | X |
| 74 | OHX | D3 | 211 | - | X |
| 74 | OHX | D3 | 212 | - | X |

2 Entry composition

There are 74 unique types of molecules in this entry. The entry contains 309610 atoms, of which 0 are hydrogen and 0 are deuterium.

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

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

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-------|------|-------|------|---------|---------|-------|
| 1 | A1 | 1789 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 38107 | 17037 | 6732 | 12549 | 1789 | | | |
| 1 | C1 | 1789 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 38107 | 17037 | 6732 | 12549 | 1789 | | | |

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

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 2 | AA | 220 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1090 | 650 | 220 | 220 | | | |
| 2 | CA | 220 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1090 | 650 | 220 | 220 | | | |

- Molecule 3 is a protein called 40S ribosomal protein S2.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 3 | AB | 219 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1074 | 636 | 219 | 219 | | | |
| 3 | CB | 219 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1074 | 636 | 219 | 219 | | | |

- Molecule 4 is a protein called 40S ribosomal protein S3.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 4 | AC | 189 | Total | C | N | O | 0 | 0 | 0 |
| | | | 928 | 550 | 189 | 189 | | | |
| 4 | CC | 189 | Total | C | N | O | 0 | 0 | 0 |
| | | | 928 | 550 | 189 | 189 | | | |

- Molecule 5 is a protein called 40S ribosomal protein S5.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 5 | AD | 169 | Total | C | N | O | 0 | 0 | 0 |
| | | | 836 | 498 | 169 | 169 | | | |
| 5 | CD | 169 | Total | C | N | O | 0 | 0 | 0 |
| | | | 836 | 498 | 169 | 169 | | | |

- Molecule 6 is a protein called 40S ribosomal protein S9-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 6 | AE | 157 | Total | C | N | O | 0 | 0 | 0 |
| | | | 777 | 463 | 157 | 157 | | | |
| 6 | CE | 157 | Total | C | N | O | 0 | 0 | 0 |
| | | | 777 | 463 | 157 | 157 | | | |

- Molecule 7 is a protein called 40S ribosomal protein S11.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 7 | AF | 77 | Total | C | N | O | 0 | 0 | 0 |
| | | | 382 | 228 | 77 | 77 | | | |
| 7 | CF | 77 | Total | C | N | O | 0 | 0 | 0 |
| | | | 382 | 228 | 77 | 77 | | | |

- Molecule 8 is a protein called 40S ribosomal protein S13.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 8 | AG | 117 | Total | C | N | O | 0 | 0 | 0 |
| | | | 580 | 346 | 117 | 117 | | | |
| 8 | CG | 117 | Total | C | N | O | 0 | 0 | 0 |
| | | | 580 | 346 | 117 | 117 | | | |

- Molecule 9 is a protein called 40S ribosomal protein S14-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 9 | AH | 128 | Total | C | N | O | 0 | 0 | 0 |
| | | | 627 | 371 | 128 | 128 | | | |
| 9 | CH | 128 | Total | C | N | O | 0 | 0 | 0 |
| | | | 627 | 371 | 128 | 128 | | | |

- Molecule 10 is a protein called 40S ribosomal protein S15.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 10 | AI | 121 | Total | C | N | O | 0 | 0 | 0 |
| | | | 596 | 354 | 121 | 121 | | | |

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| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 10 | CI | 121 | Total | C | N | O | 0 | 0 | 0 |
| | | | 596 | 354 | 121 | 121 | | | |

- Molecule 11 is a protein called 40S ribosomal protein S16.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 11 | AJ | 134 | Total | C | N | O | 0 | 0 | 0 |
| | | | 658 | 390 | 134 | 134 | | | |
| 11 | CJ | 134 | Total | C | N | O | 0 | 0 | 0 |
| | | | 658 | 390 | 134 | 134 | | | |

- Molecule 12 is a protein called 40S ribosomal protein S17-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 12 | AK | 67 | Total | C | N | O | 0 | 0 | 0 |
| | | | 332 | 198 | 67 | 67 | | | |
| 12 | CK | 67 | Total | C | N | O | 0 | 0 | 0 |
| | | | 332 | 198 | 67 | 67 | | | |

- Molecule 13 is a protein called 40S ribosomal protein S18.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 13 | AL | 120 | Total | C | N | O | 0 | 0 | 0 |
| | | | 591 | 351 | 120 | 120 | | | |
| 13 | CL | 120 | Total | C | N | O | 0 | 0 | 0 |
| | | | 591 | 351 | 120 | 120 | | | |

- Molecule 14 is a protein called 40S ribosomal protein S19-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 14 | AM | 106 | Total | C | N | O | 0 | 0 | 0 |
| | | | 521 | 309 | 106 | 106 | | | |
| 14 | CM | 106 | Total | C | N | O | 0 | 0 | 0 |
| | | | 521 | 309 | 106 | 106 | | | |

- Molecule 15 is a protein called 40S ribosomal protein S20.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 15 | AN | 111 | Total | C | N | O | 0 | 0 | 0 |
| | | | 551 | 329 | 111 | 111 | | | |
| 15 | CN | 111 | Total | C | N | O | 0 | 0 | 0 |
| | | | 551 | 329 | 111 | 111 | | | |

- Molecule 16 is a protein called 40S ribosomal protein S22-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 16 | AO | 127 | Total | C | N | O | 0 | 0 | 0 |
| | | | 622 | 368 | 127 | 127 | | | |
| 16 | CO | 127 | Total | C | N | O | 0 | 0 | 0 |
| | | | 622 | 368 | 127 | 127 | | | |

- Molecule 17 is a protein called 40S ribosomal protein S23.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 17 | AP | 116 | Total | C | N | O | 0 | 0 | 0 |
| | | | 566 | 334 | 116 | 116 | | | |
| 17 | CP | 116 | Total | C | N | O | 0 | 0 | 0 |
| | | | 566 | 334 | 116 | 116 | | | |

- Molecule 18 is a protein called 40S ribosomal protein S25-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 18 | AQ | 67 | Total | C | N | O | 0 | 0 | 0 |
| | | | 332 | 198 | 67 | 67 | | | |
| 18 | CQ | 63 | Total | C | N | O | 0 | 0 | 0 |
| | | | 312 | 186 | 63 | 63 | | | |

- Molecule 19 is a protein called 40S ribosomal protein S28-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 19 | AR | 47 | Total | C | N | O | 0 | 0 | 0 |
| | | | 230 | 136 | 47 | 47 | | | |
| 19 | CR | 47 | Total | C | N | O | 0 | 0 | 0 |
| | | | 230 | 136 | 47 | 47 | | | |

- Molecule 20 is a protein called 40S ribosomal protein S29-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 20 | AS | 39 | Total | C | N | O | 0 | 0 | 0 |
| | | | 190 | 112 | 39 | 39 | | | |
| 20 | CS | 39 | Total | C | N | O | 0 | 0 | 0 |
| | | | 190 | 112 | 39 | 39 | | | |

- Molecule 21 is a protein called Guanine nucleotide-binding protein subunit beta-like protein; RACK-1.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 21 | AT | 313 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1543 | 917 | 313 | 313 | | | |
| 21 | CT | 313 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1543 | 917 | 313 | 313 | | | |

- Molecule 22 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 22 | Aa | 20 | Total | C | N | O | 0 | 0 | 0 |
| | | | 100 | 60 | 20 | 20 | | | |
| 22 | Bo | 20 | Total | C | N | O | 0 | 0 | 0 |
| | | | 100 | 60 | 20 | 20 | | | |
| 22 | Ca | 20 | Total | C | N | O | 0 | 0 | 0 |
| | | | 100 | 60 | 20 | 20 | | | |

- Molecule 23 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 23 | Ab | 105 | Total | C | N | O | 0 | 0 | 0 |
| | | | 525 | 315 | 105 | 105 | | | |
| 23 | Cb | 105 | Total | C | N | O | 0 | 0 | 0 |
| | | | 525 | 315 | 105 | 105 | | | |

- Molecule 24 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 24 | Ac | 93 | Total | C | N | O | 0 | 0 | 0 |
| | | | 465 | 279 | 93 | 93 | | | |
| 24 | Cc | 93 | Total | C | N | O | 0 | 0 | 0 |
| | | | 465 | 279 | 93 | 93 | | | |

- Molecule 25 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 25 | Ad | 35 | Total | C | N | O | 0 | 0 | 0 |
| | | | 175 | 105 | 35 | 35 | | | |
| 25 | Cd | 35 | Total | C | N | O | 0 | 0 | 0 |
| | | | 175 | 105 | 35 | 35 | | | |

- Molecule 26 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 26 | Ae | 21 | Total | C | N | O | 0 | 0 | 0 |
| | | | 105 | 63 | 21 | 21 | | | |
| 26 | Bj | 21 | Total | C | N | O | 0 | 0 | 0 |
| | | | 105 | 63 | 21 | 21 | | | |
| 26 | Dj | 21 | Total | C | N | O | 0 | 0 | 0 |
| | | | 105 | 63 | 21 | 21 | | | |

- Molecule 27 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 27 | Af | 11 | Total | C | N | O | 0 | 0 | 0 |
| | | | 55 | 33 | 11 | 11 | | | |

- Molecule 28 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 28 | Ah | 41 | Total | C | N | O | 0 | 0 | 0 |
| | | | 205 | 123 | 41 | 41 | | | |
| 28 | Ch | 41 | Total | C | N | O | 0 | 0 | 0 |
| | | | 205 | 123 | 41 | 41 | | | |

- Molecule 29 is a RNA chain called 25S ribosomal RNA.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-------|-------|-------|------|---------|---------|-------|
| 29 | B1 | 3206 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 68577 | 30632 | 12365 | 22374 | 3206 | | | |
| 29 | D1 | 3206 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 68577 | 30632 | 12365 | 22374 | 3206 | | | |

- Molecule 30 is a RNA chain called 5S ribosomal RNA.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|-----|---------|---------|-------|
| 30 | B2 | 121 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 2579 | 1152 | 461 | 845 | 121 | | | |
| 30 | D2 | 121 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 2579 | 1152 | 461 | 845 | 121 | | | |

- Molecule 31 is a RNA chain called 5.8S ribosomal RNA.

| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|------|-----|---------|---------|-------|
| 31 | B3 | 158 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 3353 | 1500 | 586 | 1109 | 158 | | | |

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| Mol | Chain | Residues | Atoms | | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|------|-----|---------|---------|-------|
| 31 | D3 | 158 | Total | C | N | O | P | 0 | 0 | 0 |
| | | | 3353 | 1500 | 586 | 1109 | 158 | | | |

- Molecule 32 is a protein called 60S ribosomal protein L1.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 32 | BA | 213 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1055 | 629 | 213 | 213 | | | |
| 32 | DA | 213 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1055 | 629 | 213 | 213 | | | |

- Molecule 33 is a protein called 60S ribosomal protein L2.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 33 | BB | 234 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1106 | 638 | 234 | 234 | | | |
| 33 | DB | 234 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1106 | 638 | 234 | 234 | | | |

- Molecule 34 is a protein called 60S ribosomal protein L3.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|------|-----|-----|---------|---------|-------|
| 34 | BC | 364 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1791 | 1063 | 364 | 364 | | | |
| 34 | DC | 364 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1791 | 1063 | 364 | 364 | | | |

- Molecule 35 is a protein called 60S ribosomal protein L4-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 35 | BD | 268 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1312 | 776 | 268 | 268 | | | |
| 35 | DD | 268 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1312 | 776 | 268 | 268 | | | |

- Molecule 36 is a protein called 60S ribosomal protein L5.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 36 | BE | 287 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1412 | 838 | 287 | 287 | | | |
| 36 | DE | 287 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1412 | 838 | 287 | 287 | | | |

There are 2 discrepancies between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| BE | 112 | ARG | LYS | CONFLICT | UNP P26321 |
| DE | 112 | ARG | LYS | CONFLICT | UNP P26321 |

- Molecule 37 is a protein called 60S ribosomal protein L6-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 37 | BF | 176 | Total | C | N | O | 0 | 0 | 0 |
| | | | 873 | 521 | 176 | 176 | | | |
| 37 | DF | 176 | Total | C | N | O | 0 | 0 | 0 |
| | | | 873 | 521 | 176 | 176 | | | |

- Molecule 38 is a protein called 60S ribosomal protein L7-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 38 | BG | 215 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1061 | 631 | 215 | 215 | | | |
| 38 | DG | 215 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1061 | 631 | 215 | 215 | | | |

- Molecule 39 is a protein called 60S ribosomal protein L8-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 39 | BH | 173 | Total | C | N | O | 0 | 0 | 0 |
| | | | 856 | 510 | 173 | 173 | | | |
| 39 | DH | 173 | Total | C | N | O | 0 | 0 | 0 |
| | | | 856 | 510 | 173 | 173 | | | |

- Molecule 40 is a protein called 60S ribosomal protein L9-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 40 | BI | 191 | Total | C | N | O | 0 | 0 | 0 |
| | | | 942 | 560 | 191 | 191 | | | |
| 40 | DI | 191 | Total | C | N | O | 0 | 0 | 0 |
| | | | 942 | 560 | 191 | 191 | | | |

- Molecule 41 is a protein called 60S ribosomal protein L10.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 41 | BJ | 208 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1027 | 611 | 208 | 208 | | | |

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| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 41 | DJ | 208 | Total | C | N | O | 0 | 0 | 0 |
| | | | 1027 | 611 | 208 | 208 | | | |

- Molecule 42 is a protein called 60S ribosomal protein L11-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 42 | BK | 165 | Total | C | N | O | 0 | 0 | 0 |
| | | | 810 | 480 | 165 | 165 | | | |
| 42 | DK | 165 | Total | C | N | O | 0 | 0 | 0 |
| | | | 810 | 480 | 165 | 165 | | | |

- Molecule 43 is a protein called 60S ribosomal protein L14-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 43 | BN | 120 | Total | C | N | O | 0 | 0 | 0 |
| | | | 593 | 353 | 120 | 120 | | | |
| 43 | DN | 120 | Total | C | N | O | 0 | 0 | 0 |
| | | | 593 | 353 | 120 | 120 | | | |

- Molecule 44 is a protein called 60S ribosomal protein L15-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 44 | BO | 187 | Total | C | N | O | 0 | 0 | 0 |
| | | | 923 | 549 | 187 | 187 | | | |
| 44 | DO | 187 | Total | C | N | O | 0 | 0 | 0 |
| | | | 923 | 549 | 187 | 187 | | | |

- Molecule 45 is a protein called 60S ribosomal protein L16-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 45 | BP | 196 | Total | C | N | O | 0 | 0 | 0 |
| | | | 967 | 575 | 196 | 196 | | | |
| 45 | DP | 196 | Total | C | N | O | 0 | 0 | 0 |
| | | | 967 | 575 | 196 | 196 | | | |

- Molecule 46 is a protein called 60S ribosomal protein L17-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 46 | BQ | 154 | Total | C | N | O | 0 | 0 | 0 |
| | | | 761 | 453 | 154 | 154 | | | |
| 46 | DQ | 154 | Total | C | N | O | 0 | 0 | 0 |
| | | | 761 | 453 | 154 | 154 | | | |

- Molecule 47 is a protein called 60S ribosomal protein L18.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 47 | BR | 143 | Total | C | N | O | 0 | 0 | 0 |
| | | | 706 | 420 | 143 | 143 | | | |
| 47 | DR | 143 | Total | C | N | O | 0 | 0 | 0 |
| | | | 706 | 420 | 143 | 143 | | | |

- Molecule 48 is a protein called 60S ribosomal protein L19.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 48 | BS | 188 | Total | C | N | O | 0 | 0 | 0 |
| | | | 931 | 555 | 188 | 188 | | | |
| 48 | DS | 188 | Total | C | N | O | 0 | 0 | 0 |
| | | | 931 | 555 | 188 | 188 | | | |

- Molecule 49 is a protein called 60S ribosomal protein L21-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 49 | BT | 119 | Total | C | N | O | 0 | 0 | 0 |
| | | | 586 | 348 | 119 | 119 | | | |
| 49 | DT | 119 | Total | C | N | O | 0 | 0 | 0 |
| | | | 586 | 348 | 119 | 119 | | | |

- Molecule 50 is a protein called 60S ribosomal protein L23.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 50 | BU | 129 | Total | C | N | O | 0 | 0 | 0 |
| | | | 631 | 373 | 129 | 129 | | | |
| 50 | DU | 129 | Total | C | N | O | 0 | 0 | 0 |
| | | | 631 | 373 | 129 | 129 | | | |

- Molecule 51 is a protein called 60S ribosomal protein L24-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 51 | BV | 59 | Total | C | N | O | 0 | 0 | 0 |
| | | | 291 | 173 | 59 | 59 | | | |
| 51 | DV | 59 | Total | C | N | O | 0 | 0 | 0 |
| | | | 291 | 173 | 59 | 59 | | | |

- Molecule 52 is a protein called 60S ribosomal protein L25.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 52 | BW | 94 | Total | C | N | O | 0 | 0 | 0 |
| | | | 468 | 280 | 94 | 94 | | | |
| 52 | DW | 94 | Total | C | N | O | 0 | 0 | 0 |
| | | | 468 | 280 | 94 | 94 | | | |

- Molecule 53 is a protein called 60S ribosomal protein L26-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 53 | BX | 107 | Total | C | N | O | 0 | 0 | 0 |
| | | | 530 | 316 | 107 | 107 | | | |
| 53 | DX | 107 | Total | C | N | O | 0 | 0 | 0 |
| | | | 530 | 316 | 107 | 107 | | | |

- Molecule 54 is a protein called 60S ribosomal protein L28.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 54 | BY | 149 | Total | C | N | O | 0 | 0 | 0 |
| | | | 727 | 429 | 149 | 149 | | | |
| 54 | DY | 149 | Total | C | N | O | 0 | 0 | 0 |
| | | | 727 | 429 | 149 | 149 | | | |

There are 2 discrepancies between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| BY | 38 | GLU | GLN | CONFLICT | UNP P02406 |
| DY | 38 | GLU | GLN | CONFLICT | UNP P02406 |

- Molecule 55 is a protein called 60S ribosomal protein L30.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 55 | BZ | 98 | Total | C | N | O | 0 | 0 | 0 |
| | | | 481 | 285 | 98 | 98 | | | |
| 55 | DZ | 98 | Total | C | N | O | 0 | 0 | 0 |
| | | | 481 | 285 | 98 | 98 | | | |

- Molecule 56 is a protein called 60S ribosomal protein L31-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 56 | Ba | 86 | Total | C | N | O | 0 | 0 | 0 |
| | | | 425 | 253 | 86 | 86 | | | |
| 56 | Da | 86 | Total | C | N | O | 0 | 0 | 0 |
| | | | 425 | 253 | 86 | 86 | | | |

- Molecule 57 is a protein called 60S ribosomal protein L32.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 57 | Bb | 125 | Total | C | N | O | 0 | 0 | 0 |
| | | | 618 | 368 | 125 | 125 | | | |
| 57 | Db | 125 | Total | C | N | O | 0 | 0 | 0 |
| | | | 618 | 368 | 125 | 125 | | | |

- Molecule 58 is a protein called 60S ribosomal protein L35.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 58 | Bc | 68 | Total | C | N | O | 0 | 0 | 0 |
| | | | 339 | 203 | 68 | 68 | | | |
| 58 | Dc | 68 | Total | C | N | O | 0 | 0 | 0 |
| | | | 339 | 203 | 68 | 68 | | | |

- Molecule 59 is a protein called 60S ribosomal protein L37-A.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 59 | Bd | 72 | Total | C | N | O | 0 | 0 | 0 |
| | | | 352 | 208 | 72 | 72 | | | |
| 59 | Dd | 72 | Total | C | N | O | 0 | 0 | 0 |
| | | | 352 | 208 | 72 | 72 | | | |

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

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 60 | Be | 48 | Total | C | N | O | 0 | 0 | 0 |
| | | | 240 | 144 | 48 | 48 | | | |
| 60 | De | 48 | Total | C | N | O | 0 | 0 | 0 |
| | | | 240 | 144 | 48 | 48 | | | |

- Molecule 61 is a protein called 60S ribosomal protein L42.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 61 | Bf | 95 | Total | C | N | O | 0 | 0 | 0 |
| | | | 467 | 277 | 95 | 95 | | | |
| 61 | Df | 95 | Total | C | N | O | 0 | 0 | 0 |
| | | | 467 | 277 | 95 | 95 | | | |

- Molecule 62 is a protein called 60S ribosomal protein L43.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 62 | Bg | 83 | Total | C | N | O | 0 | 0 | 0 |
| | | | 407 | 241 | 83 | 83 | | | |
| 62 | Dg | 83 | Total | C | N | O | 0 | 0 | 0 |
| | | | 407 | 241 | 83 | 83 | | | |

- Molecule 63 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|----|----|---------|---------|-------|
| 63 | Bh | 44 | Total | C | N | O | 0 | 0 | 0 |
| | | | 220 | 132 | 44 | 44 | | | |
| 63 | Dh | 44 | Total | C | N | O | 0 | 0 | 0 |
| | | | 220 | 132 | 44 | 44 | | | |

- Molecule 64 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 64 | Bi | 12 | Total | C | N | O | 0 | 0 | 0 |
| | | | 60 | 36 | 12 | 12 | | | |
| 64 | Di | 12 | Total | C | N | O | 0 | 0 | 0 |
| | | | 60 | 36 | 12 | 12 | | | |

- Molecule 65 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 65 | Bk | 16 | Total | C | N | O | 0 | 0 | 0 |
| | | | 80 | 48 | 16 | 16 | | | |
| 65 | Dk | 16 | Total | C | N | O | 0 | 0 | 0 |
| | | | 80 | 48 | 16 | 16 | | | |

- Molecule 66 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 66 | Bl | 19 | Total | C | N | O | 0 | 0 | 0 |
| | | | 95 | 57 | 19 | 19 | | | |

- Molecule 67 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|---|---|---------|---------|-------|
| 67 | Bm | 9 | Total | C | N | O | 0 | 0 | 0 |
| | | | 45 | 27 | 9 | 9 | | | |

- Molecule 68 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 68 | Bn | 27 | Total | C | N | O | 0 | 0 | 0 |
| | | | 135 | 81 | 27 | 27 | | | |

- Molecule 69 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|---|---|---------|---------|-------|
| 69 | Bp | 8 | Total | C | N | O | 0 | 0 | 0 |
| | | | 40 | 24 | 8 | 8 | | | |

- Molecule 70 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 70 | Bq | 17 | Total | C | N | O | 0 | 0 | 0 |
| | | | 85 | 51 | 17 | 17 | | | |

- Molecule 71 is a protein called Unassigned secondary structure.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|----|----|----|---------|---------|-------|
| 71 | Br | 23 | Total | C | N | O | 0 | 0 | 0 |
| | | | 115 | 69 | 23 | 23 | | | |

- Molecule 72 is a protein called 60S ribosomal protein L12.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 72 | DL | 138 | Total | C | N | O | 0 | 0 | 0 |
| | | | 679 | 403 | 138 | 138 | | | |

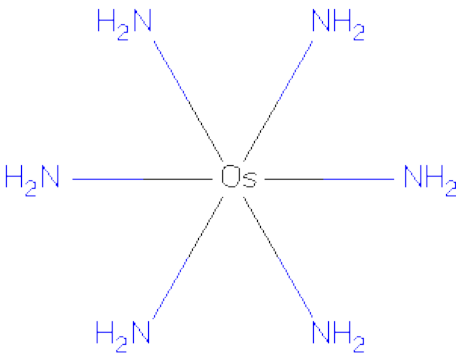
- Molecule 73 is a protein called 60S acidic ribosomal protein P0.

| Mol | Chain | Residues | Atoms | | | | ZeroOcc | AltConf | Trace |
|-----|-------|----------|-------|-----|-----|-----|---------|---------|-------|
| 73 | DM | 130 | Total | C | N | O | 0 | 0 | 0 |
| | | | 641 | 381 | 130 | 130 | | | |

There is a discrepancy between the modelled and reference sequences:

| Chain | Residue | Modelled | Actual | Comment | Reference |
|-------|---------|----------|--------|----------|------------|
| DM | 83 | TYR | ASN | CONFLICT | UNP P05317 |

- Molecule 74 is osmium (III) hexamine (three-letter code: OHX) (formula: H₁₂N₆Os).



| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | A1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | AL | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | AS | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | AT | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Ac | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | B3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | BC | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | BO | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | BT | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Bd | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Bd | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Bg | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | C1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | CI | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | CS | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | CS | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | CT | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D1 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D2 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | D3 | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | DC | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

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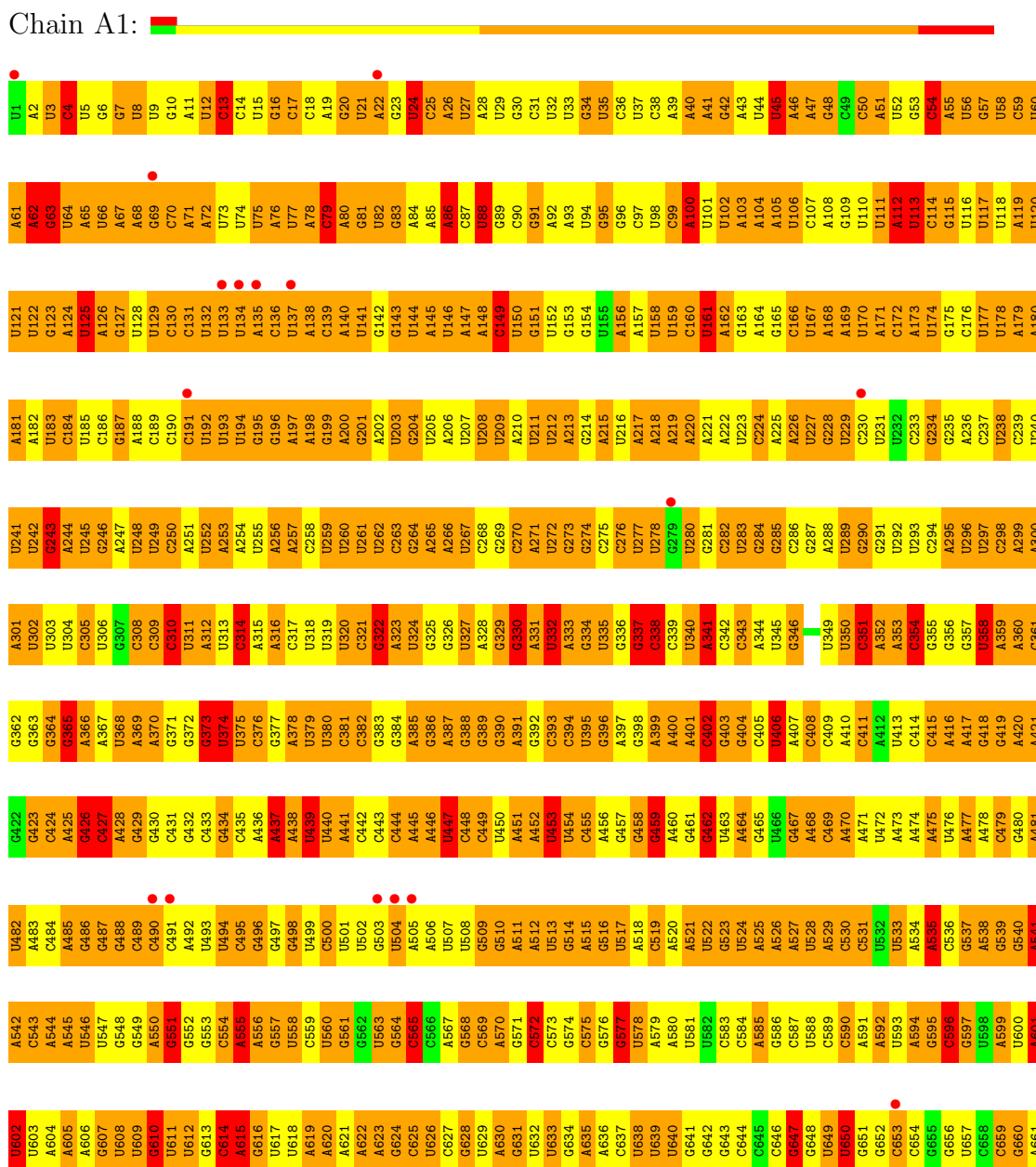
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| Mol | Chain | Residues | Atoms | | | ZeroOcc | AltConf |
|-----|-------|----------|-------|---|----|---------|---------|
| 74 | DE | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | DJ | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | DO | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | DO | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | DT | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Dd | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Dd | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |
| 74 | Dg | 1 | Total | N | Os | 0 | 0 |
| | | | 7 | 6 | 1 | | |

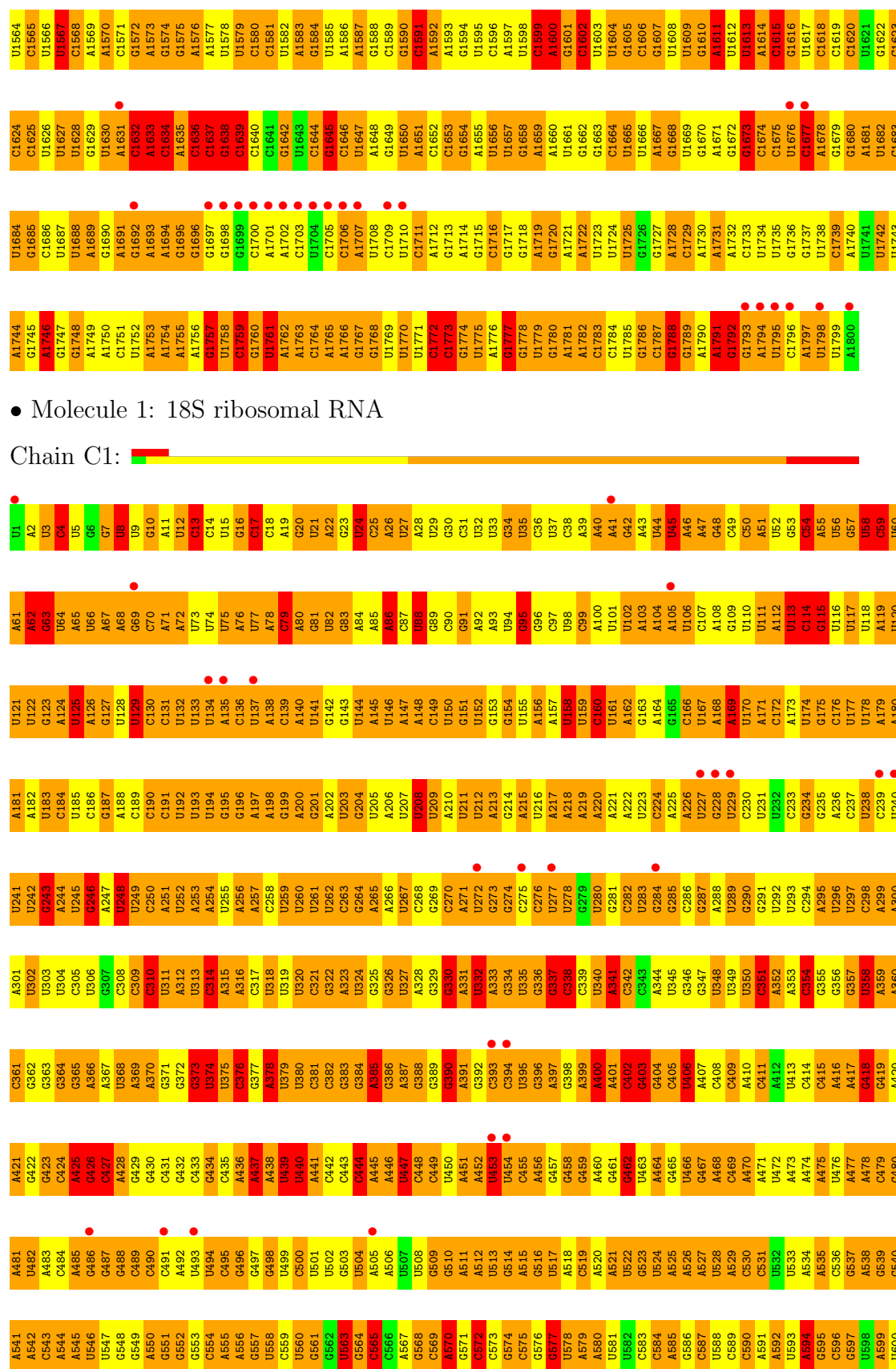
3 Residue-property plots

These plots are drawn for all protein, RNA and DNA chains in the entry. The first graphic for a chain summarises the proportions of errors 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 ribosomal RNA



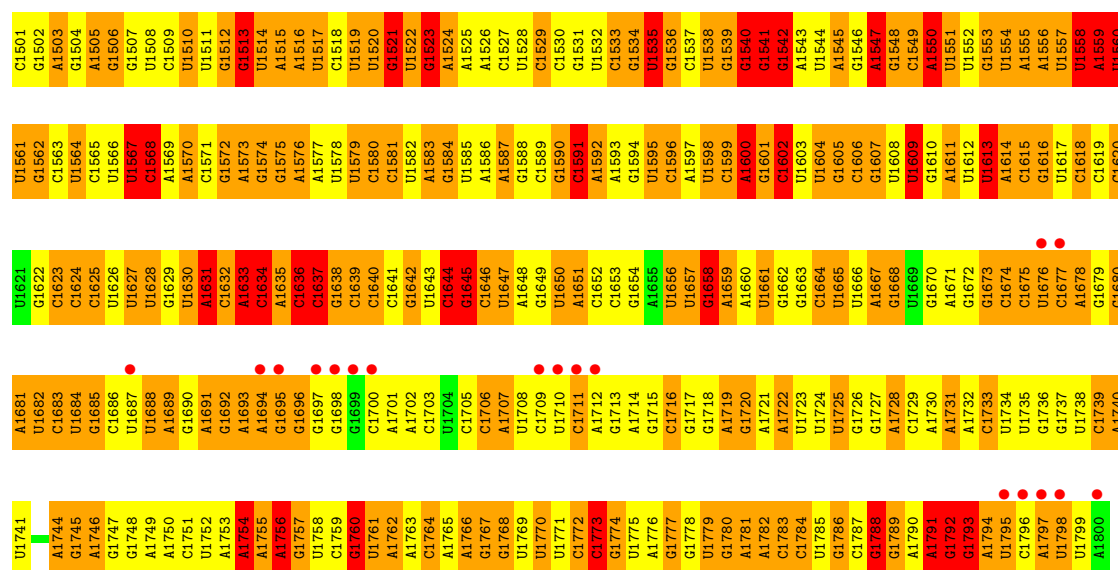
| | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| G1504 | A1444 | A1384 | G1324 | G1264 | A1204 | U1144 | A1084 | U1024 | A963 | U903 | U843 | G783 | G723 | U862 |
| A1505 | G1445 | G1385 | A1325 | G1265 | C1205 | U1145 | G1085 | A1025 | U964 | G904 | A844 | C784 | C724 | U863 |
| G1506 | A1446 | G1386 | A1326 | U1266 | U1206 | G1146 | A1086 | A1026 | U965 | A905 | G845 | U785 | U725 | U864 |
| G1507 | C1447 | G1387 | C1327 | G1267 | C1207 | A1147 | A1087 | C1027 | U966 | A906 | G846 | C786 | C726 | U865 |
| U1508 | A1448 | C1388 | A1328 | U1268 | A1208 | G1148 | A1088 | C1028 | U967 | U907 | G847 | U787 | U727 | U866 |
| C1509 | U1449 | A1389 | A1329 | U1269 | C1209 | G1149 | U1089 | U1029 | U968 | U908 | C848 | U788 | U728 | U867 |
| U1510 | U1450 | U1390 | G1330 | G1270 | C1210 | G1150 | C1090 | A1030 | C969 | U909 | C849 | U789 | G729 | C |
| U1511 | A1451 | A1391 | A1331 | G1271 | A1211 | A1151 | A1091 | U1031 | A970 | C910 | A850 | U790 | G730 | G |
| U1512 | U1452 | U1392 | C1332 | U1272 | G1212 | A1152 | A1092 | G1032 | U971 | U918 | U851 | U791 | C731 | U |
| G1513 | G1453 | C1393 | G1333 | U1273 | G1213 | G1153 | A1093 | C1033 | U972 | U912 | C852 | U792 | G732 | G |
| U1514 | G1454 | C1394 | U1334 | C1274 | U1214 | G1154 | G1094 | C1034 | U973 | U913 | C853 | U793 | A733 | U |
| A1515 | G1455 | G1395 | U1335 | A1275 | C1215 | G1155 | U1095 | G1035 | A974 | G914 | U854 | U794 | A734 | A |
| A1516 | C1456 | U1396 | A1336 | U1276 | C1216 | G1156 | C1096 | A1036 | C975 | A915 | A855 | U795 | C735 | C |
| U1517 | C1457 | U1397 | A1337 | G1277 | A1217 | A1157 | U1097 | C1037 | G976 | U916 | A856 | U796 | C736 | U |
| G1518 | G1458 | U1398 | C1338 | G1278 | G1218 | C1158 | U1098 | U1038 | U977 | U917 | U857 | U797 | A737 | G |
| U1519 | C1459 | C1399 | A1339 | C1279 | A1219 | G1159 | U1099 | A1039 | U978 | U918 | C858 | U798 | G738 | G |
| U1520 | A1460 | A1400 | U1340 | U1280 | C1220 | A1160 | U1100 | G1040 | A979 | A919 | U859 | U799 | G739 | G |
| G1521 | C1461 | A1401 | A1341 | G1281 | A1221 | A1161 | G1101 | G1041 | U980 | U920 | U860 | U800 | A740 | A |
| U1522 | G1462 | G1402 | C1342 | U1282 | C1222 | C1162 | G1102 | G1042 | U981 | U921 | U861 | G801 | C741 | U |
| G1523 | C1463 | C1403 | U1343 | U1283 | A1223 | A1163 | U1103 | U1043 | U982 | G922 | A862 | G802 | U742 | U |
| A1524 | C1464 | C1404 | A1344 | C1284 | A1224 | G1164 | U1104 | U1044 | U983 | A923 | A863 | A903 | U743 | U |
| A1525 | C1465 | A1405 | A1345 | U1285 | U1225 | A1165 | C1105 | C1045 | U984 | A924 | U864 | A804 | U744 | U |
| A1526 | G1466 | A1406 | A1346 | U1286 | A1226 | A1166 | U1106 | G1046 | G985 | G925 | A865 | U805 | U745 | U |
| C1527 | C1467 | U1407 | U1347 | A1287 | A1227 | G1167 | G1107 | G1047 | G986 | A926 | G866 | A806 | A746 | U |
| U1528 | U1468 | G1408 | A1348 | G1288 | G1228 | U1168 | G1108 | G1048 | G987 | C927 | G867 | A807 | C747 | U |
| C1529 | A1469 | G1409 | G1349 | U1289 | G1229 | G1169 | G1109 | U1049 | U988 | U928 | G868 | U808 | U748 | U |
| U1530 | C1470 | A1410 | U1350 | U1290 | A1230 | G1170 | G1110 | G1050 | U989 | A929 | A869 | A809 | U749 | U |
| G1531 | A1471 | A1411 | G1351 | G1291 | U1231 | A1171 | G1111 | G1051 | C990 | A930 | C870 | G810 | U750 | U |
| U1532 | C1472 | G1412 | G1352 | U1292 | U1232 | G1172 | G1112 | U1052 | G991 | C931 | G871 | A811 | G751 | U |
| C1533 | U1473 | U1413 | U1353 | U1293 | G1233 | C1173 | A1113 | G1053 | G992 | U932 | G872 | A812 | A752 | U |
| G1534 | G1474 | U1414 | G1354 | G1294 | A1234 | C1174 | G1114 | U1054 | A993 | A933 | U873 | U813 | A753 | U |
| U1535 | A1475 | U1415 | C1355 | G1295 | C1235 | U1175 | U1115 | U1055 | G994 | C934 | C874 | A814 | A754 | U |
| G1536 | G1476 | G1416 | U1356 | A1296 | A1236 | G1176 | A1116 | U1056 | A995 | U935 | G875 | G815 | A755 | U |
| C1537 | G1477 | A1417 | U1357 | G1297 | G1237 | C1177 | U1117 | U1057 | U996 | G936 | G876 | G816 | A756 | U |
| U1538 | G1478 | G1418 | G1358 | U1298 | A1238 | G1178 | G1118 | U1058 | G997 | C937 | G877 | A817 | A757 | U |
| G1539 | A1479 | G1419 | C1359 | U1299 | U1239 | G1179 | G1119 | U1059 | A998 | G938 | G878 | C818 | U758 | U |
| U1540 | G1480 | C1420 | A1360 | A1300 | U1240 | C1180 | U1120 | U1060 | U999 | A939 | G879 | G819 | U759 | U |
| G1541 | C1481 | A1421 | U1361 | U1301 | G1241 | U1181 | C1121 | A1061 | C1000 | A940 | C880 | U820 | A760 | U |
| G1542 | C1482 | A1422 | U1362 | U1302 | A1242 | U1182 | G1122 | A1062 | A1001 | A941 | A881 | U821 | G761 | U |
| A1543 | A1483 | U1423 | U1363 | U1303 | G1243 | A1183 | C1123 | U1063 | G1002 | G942 | U882 | U822 | A762 | U |
| U1544 | G1484 | A1424 | G1364 | A1304 | A1244 | A1184 | A1124 | G1064 | A1003 | C943 | C883 | G823 | G763 | U |
| A1545 | C1485 | A1425 | C1365 | U1305 | G1245 | U1185 | A1125 | A1065 | U1004 | A944 | A884 | G824 | U764 | U |
| G1546 | G1486 | C1426 | U1366 | C1306 | C1246 | U1186 | G1126 | C1066 | A1005 | U945 | G885 | U825 | G765 | U |
| A1487 | A1427 | U1367 | G1367 | U1307 | U1247 | U1187 | G1127 | C1067 | C1006 | U946 | U886 | U826 | U766 | U |
| G1488 | G1428 | G1368 | C1368 | G1308 | C1248 | G1188 | C1128 | C1068 | C1007 | U947 | A887 | C827 | U767 | U |
| C1549 | G1429 | U1369 | U1370 | C1309 | U1249 | A1189 | U1129 | A1069 | U888 | G948 | U889 | U828 | C768 | U |
| A1550 | U1430 | U1370 | U1370 | U1310 | U1250 | C1190 | G1130 | C1070 | A829 | C949 | U889 | A829 | A769 | U |
| U1551 | U1431 | A1371 | U1371 | U1311 | U1251 | U1191 | A1131 | U1071 | C890 | C950 | C890 | U830 | A770 | U |
| U1552 | A1492 | U1432 | U1372 | A1312 | C1252 | C1192 | A1132 | C1072 | A891 | A951 | A891 | U831 | A771 | U |
| G1553 | A1493 | G1433 | C1373 | A1313 | U1253 | A1193 | A1133 | G1073 | U1012 | A952 | A892 | U832 | G772 | U |
| U1554 | C1494 | U1434 | C1374 | U1314 | U1254 | A1194 | C1134 | G1074 | U893 | G953 | U893 | U833 | C773 | U |
| A1555 | G1495 | G1435 | A1375 | U1315 | G1255 | A1195 | U1135 | C1075 | G954 | G954 | U894 | G834 | A774 | U |
| A1556 | U1496 | U1436 | C1376 | G1316 | A1256 | A1196 | U1136 | A1076 | U895 | A955 | G895 | U835 | G775 | U |
| U1557 | U1497 | U1437 | U1377 | C1317 | U1257 | C1197 | A1137 | C1077 | C1016 | C956 | U896 | U836 | G776 | U |
| U1558 | G1498 | G1438 | U1378 | A1318 | U1258 | G1198 | A1138 | C1078 | U1017 | G957 | C897 | G837 | C777 | U |
| A1559 | G1499 | C1379 | A1379 | G1319 | U1259 | G1199 | A1139 | U1079 | U1018 | U958 | A898 | G838 | G778 | U |
| U1560 | C1500 | C1440 | U1380 | U1320 | U1260 | G1200 | G1140 | U1080 | A1019 | U959 | C899 | U839 | U779 | U |
| U1561 | C1501 | C1441 | U1381 | A1321 | G1261 | G1201 | G1141 | A1081 | C1022 | U960 | A900 | U840 | A780 | U |
| G1562 | U1502 | U1442 | A1382 | A1322 | U1262 | A1202 | A1142 | A1082 | C1022 | U961 | G901 | U841 | U781 | U |
| A1503 | A1503 | G1383 | C1323 | C1323 | G1263 | A1203 | A1143 | G1083 | A1023 | C962 | G902 | C942 | U782 | U |



● Molecule 1: 18S ribosomal RNA

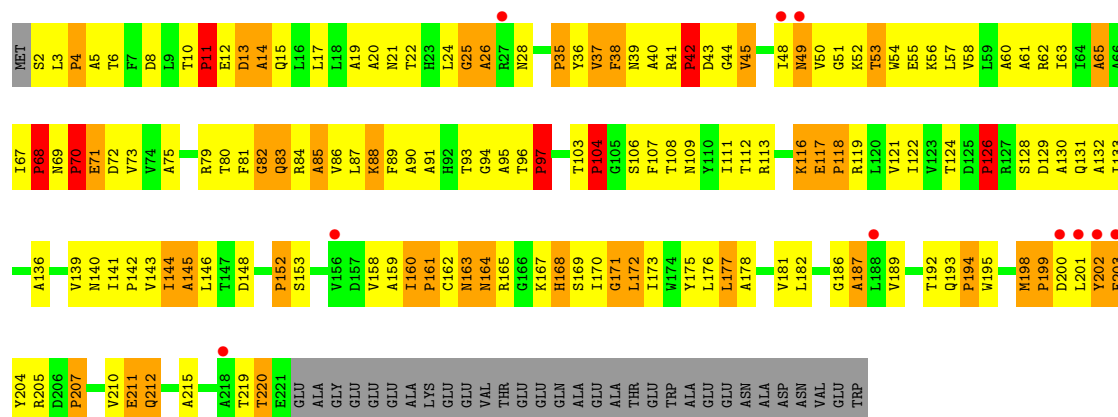
Chain C1:

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| U1442 | A1382 | A1322 | U1262 | A1202 | A1142 | C1082 | C1022 | C962 | G902 | C842 | U782 | G722 | U662 | U602 |
| U1443 | G1383 | G1323 | G1263 | A1203 | A1143 | G1083 | A1023 | A963 | U903 | U843 | U783 | G723 | U663 | G603 |
| A1444 | A1384 | G1324 | G1264 | A1204 | A1144 | A1084 | U1024 | A964 | G904 | A844 | C784 | C724 | U664 | A604 |
| G1445 | G1385 | A1325 | G1265 | C1205 | G1145 | G1085 | A1025 | U965 | A905 | C845 | U785 | U725 | U665 | A605 |
| A1446 | G1386 | A1326 | U1266 | C1206 | G1146 | A1086 | A1026 | A966 | A906 | C846 | C786 | C726 | U666 | A606 |
| C1447 | G1387 | C1327 | G1267 | C1207 | U1147 | A1087 | A1027 | A967 | A907 | A847 | G787 | U727 | U667 | G607 |
| G1448 | A1388 | G1328 | G1268 | A1208 | C1148 | A1088 | C1028 | U968 | U908 | C848 | U788 | U728 | C | U608 |
| U1449 | C1389 | A1329 | U1269 | C1209 | G1149 | A1089 | U1029 | C969 | U909 | C849 | A789 | G729 | G | U609 |
| U1450 | A1390 | G1330 | G1270 | C1210 | G1150 | A1090 | A1030 | A970 | C910 | A850 | U790 | G730 | U | G610 |
| C1451 | A1391 | A1331 | G1271 | C1211 | A1151 | A1091 | U1031 | A971 | U911 | U851 | A791 | C731 | U | U611 |
| U1452 | A1392 | C1332 | U1272 | G1212 | A1152 | A1092 | G1032 | G972 | U912 | C852 | U792 | G732 | U | U612 |
| C1453 | C1393 | G1333 | G1273 | G1213 | G1153 | A1093 | C1033 | A973 | G913 | C853 | A793 | A733 | A | G613 |
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| C1456 | A1396 | A1336 | U1276 | C1216 | G1156 | C1096 | A1036 | G976 | U916 | A856 | G796 | C736 | G | G616 |
| C1457 | U1397 | A1337 | G1277 | A1217 | A1157 | U1097 | C1037 | A977 | U917 | U857 | G797 | A737 | G | U617 |
| G1458 | G1398 | G1338 | G1278 | G1218 | G1158 | U1098 | U1038 | A978 | U918 | C858 | C798 | G738 | A | U618 |
| C1459 | C1399 | C1339 | C1279 | C1219 | A1159 | U1099 | A1039 | A979 | A919 | A859 | A799 | G739 | U | A619 |
| A1460 | U1400 | U1340 | G1280 | C1220 | A1160 | G1100 | G1040 | G980 | U920 | U860 | U800 | A740 | U | A620 |
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| A1469 | A1409 | G1349 | U1289 | G1229 | G1169 | G1109 | U1049 | U989 | A929 | A869 | A809 | U749 | G | U629 |
| C1470 | A1410 | U1350 | U1290 | A1230 | G1170 | G1110 | G1050 | C990 | A930 | C870 | G810 | U750 | G | A630 |
| A1471 | A1411 | G1351 | G1291 | U1231 | A1171 | G1111 | G1051 | G991 | C931 | C871 | A811 | C751 | C | G631 |
| G1472 | G1412 | C1352 | U1292 | U1232 | C1172 | G1112 | U1052 | A992 | U932 | C872 | A812 | A752 | U | U632 |
| U1473 | U1413 | U1353 | G1293 | G1233 | C1173 | A1113 | G1053 | A993 | A933 | C873 | U813 | A753 | U | G633 |
| G1474 | A1414 | G1354 | G1294 | A1234 | G1174 | G1114 | U1054 | G994 | C934 | C874 | U814 | A754 | G | A634 |
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| C1476 | G1416 | U1356 | A1296 | A1236 | G1176 | A1116 | U1056 | U996 | G936 | C876 | G816 | A756 | C | A636 |
| G1477 | A1417 | A1357 | G1297 | U1237 | C1177 | U1117 | U1057 | G997 | C937 | C877 | A817 | A757 | C | G637 |
| G1478 | G1418 | G1358 | U1298 | A1238 | G1178 | G1118 | U1058 | A998 | G938 | C878 | C818 | U758 | U | U638 |
| A1479 | A1419 | C1359 | G1299 | U1239 | G1179 | U1119 | U1059 | U999 | A939 | C879 | G819 | U759 | G | U639 |
| G1480 | C1420 | A1360 | U1300 | U1240 | C1180 | U1120 | U1060 | C1000 | A940 | C880 | U820 | A760 | C | U640 |
| C1481 | A1421 | U1361 | U1301 | G1241 | U1181 | C1121 | A1061 | A1001 | A941 | A881 | U821 | A761 | U | G641 |
| A1482 | A1422 | U1362 | U1302 | A1242 | U1182 | G1122 | A1062 | G1002 | G942 | U882 | U822 | A762 | G | G642 |
| G1483 | C1423 | U1363 | G1303 | G1243 | A1183 | C1123 | U1063 | A1003 | C943 | C883 | G823 | G763 | G | G643 |
| A1484 | A1424 | G1364 | G1304 | A1244 | A1184 | A1124 | G1064 | U1004 | A944 | A884 | G824 | U764 | C | C644 |
| C1485 | A1425 | C1365 | U1305 | G1245 | U1185 | A1125 | A1065 | A1005 | U945 | C885 | U825 | G765 | G | C645 |
| G1486 | A1426 | U1366 | C1306 | C1246 | U1186 | G1126 | C1066 | C1006 | U946 | U886 | U826 | U766 | U | A646 |
| A1487 | A1427 | G1367 | U1307 | U1247 | U1187 | G1127 | C1067 | C1007 | U947 | A887 | C927 | U767 | A | G647 |
| G1488 | G1428 | G1368 | G1308 | C1248 | G1188 | C1128 | C1068 | G1008 | G948 | U888 | U828 | C768 | C | G648 |
| U1489 | A1429 | U1369 | C1309 | U1249 | A1189 | A1129 | A1069 | U1009 | C949 | U889 | A829 | A769 | C | U649 |
| C1490 | U1430 | U1370 | U1310 | U1250 | G1190 | G1130 | C1070 | C950 | C950 | C890 | U830 | A770 | U | U650 |
| U1491 | C1431 | A1371 | U1311 | U1251 | U1191 | A1131 | U1071 | G1011 | A951 | A891 | U831 | A771 | G | G651 |
| A1492 | U1432 | C1372 | C1312 | C1252 | U1192 | A1132 | C1072 | U1012 | A952 | C892 | U832 | G772 | U | G652 |
| G1493 | G1433 | C1373 | A1313 | U1253 | A1193 | A1133 | G1073 | A1013 | G953 | U893 | U833 | C773 | U | C653 |
| C1494 | U1434 | C1374 | U1314 | A1254 | A1194 | C1134 | G1074 | G1014 | G954 | U894 | G834 | A774 | A | A654 |
| G1495 | A1435 | A1375 | U1315 | G1255 | C1195 | U1135 | C1075 | U1015 | A955 | C895 | U835 | G775 | U | G655 |
| U1496 | U1436 | C1376 | G1316 | A1256 | A1196 | U1136 | A1076 | C1016 | C956 | U896 | U836 | G776 | C | U656 |
| C1497 | U1437 | U1377 | C1317 | U1257 | C1197 | A1137 | C1077 | U1017 | G957 | C897 | G837 | C777 | U | U657 |
| G1498 | U1438 | U1378 | G1318 | U1258 | G1198 | A1138 | C1078 | U1018 | U958 | A898 | U838 | G778 | U | C658 |
| A1499 | C1439 | C1379 | A1319 | U1259 | G1199 | A1139 | U1079 | A1019 | U959 | C899 | U839 | U779 | U | G659 |
| C1500 | C1440 | U1380 | U1320 | U1260 | G1200 | G1140 | U1080 | A1020 | U960 | A900 | U840 | A780 | C | G660 |



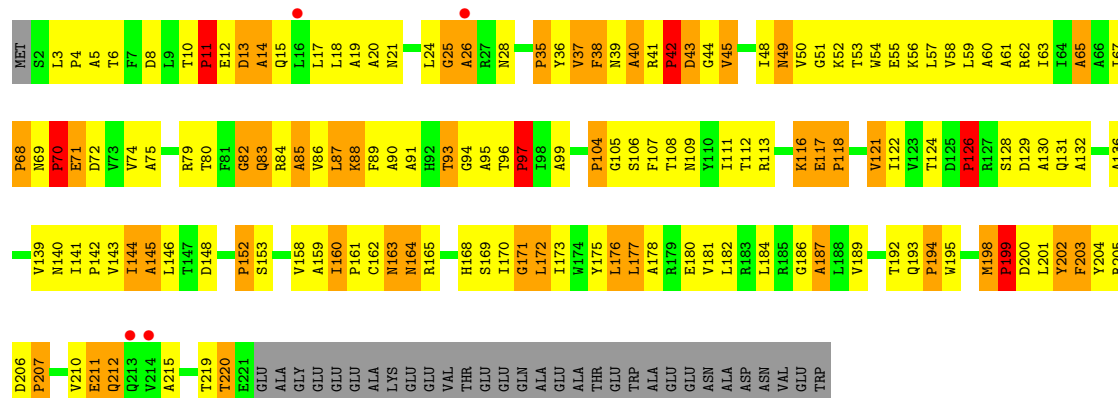
• Molecule 2: 40S ribosomal protein S0-A

Chain AA:



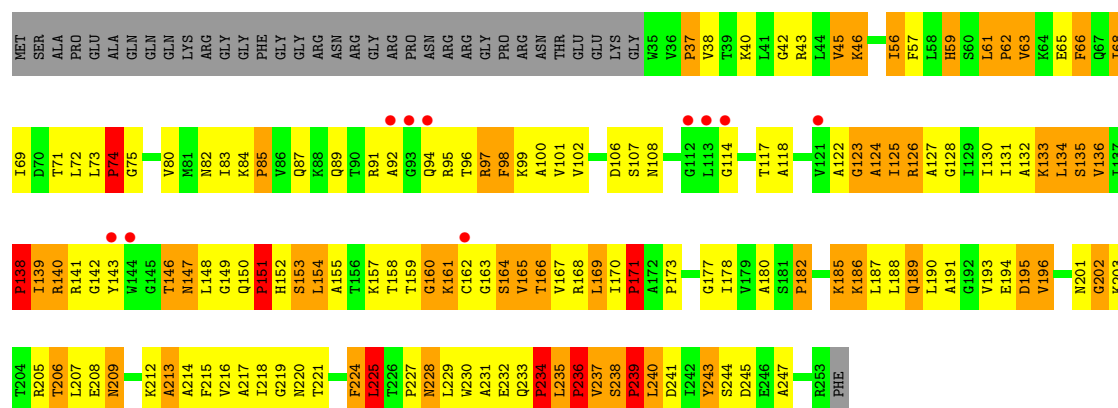
• Molecule 2: 40S ribosomal protein S0-A

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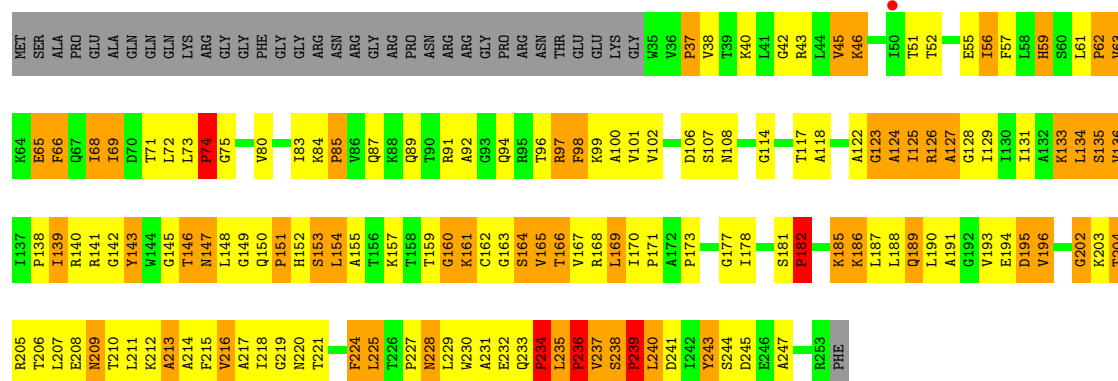
• Molecule 3: 40S ribosomal protein S2

Chain AB:



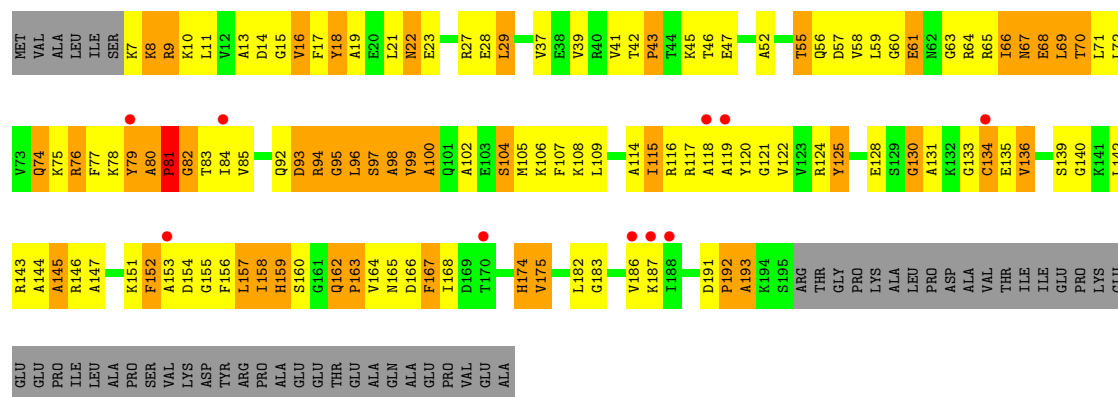
- Molecule 3: 40S ribosomal protein S2

Chain CB:



- Molecule 4: 40S ribosomal protein S3

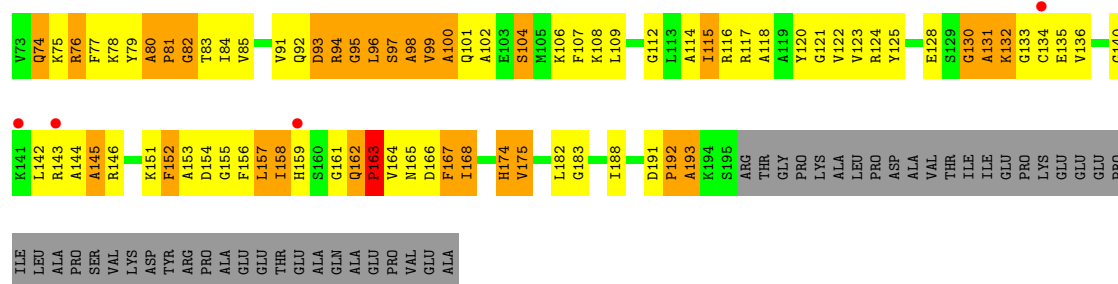
Chain AC:



- Molecule 4: 40S ribosomal protein S3

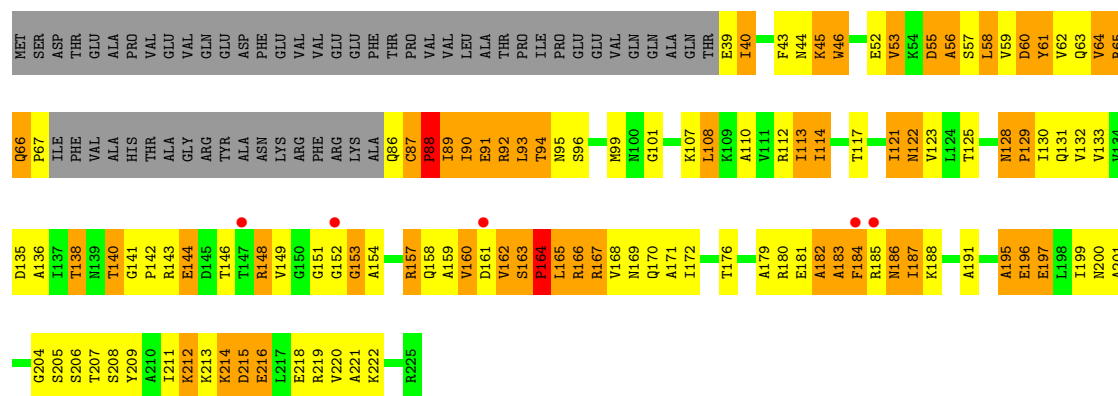
Chain CC:





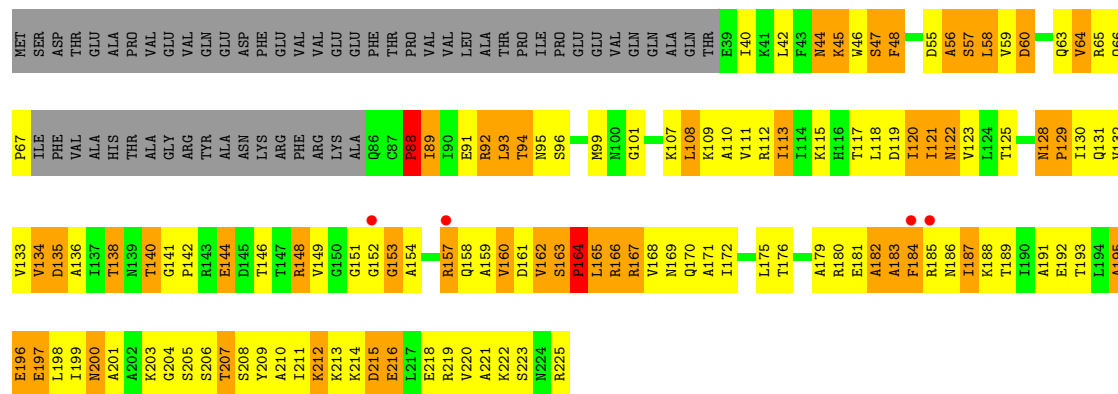
• Molecule 5: 40S ribosomal protein S5

Chain AD:



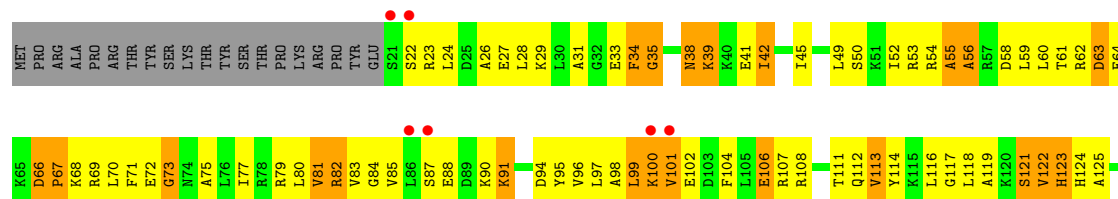
• Molecule 5: 40S ribosomal protein S5

Chain CD:

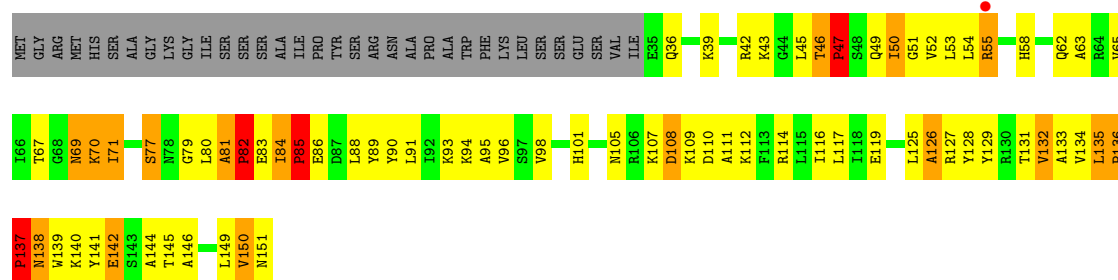


• Molecule 6: 40S ribosomal protein S9-A

Chain AE:

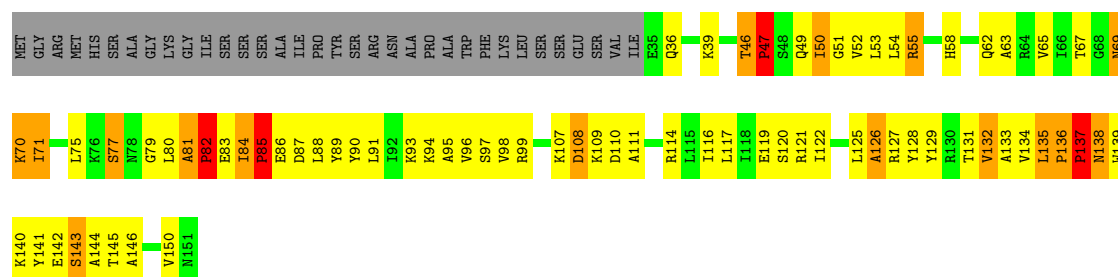






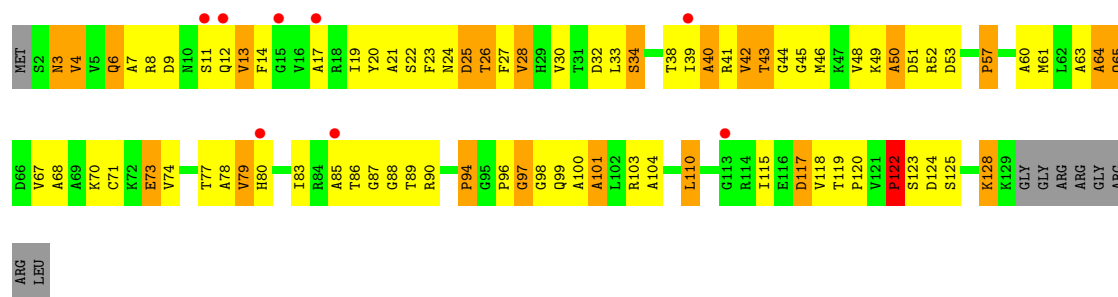
- Molecule 8: 40S ribosomal protein S13

Chain CG:



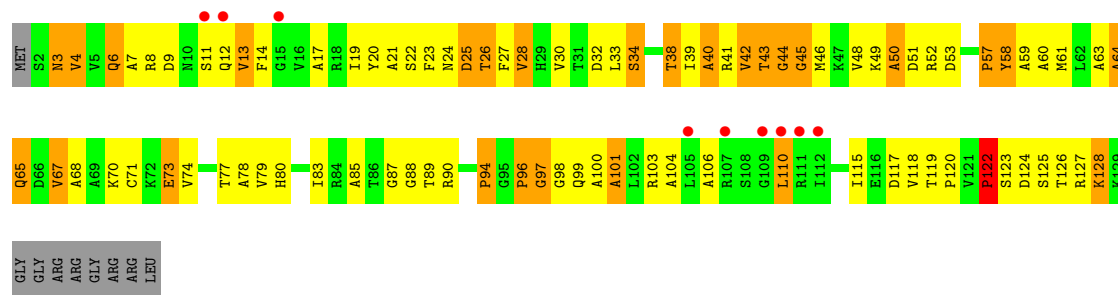
- Molecule 9: 40S ribosomal protein S14-A

Chain AH:



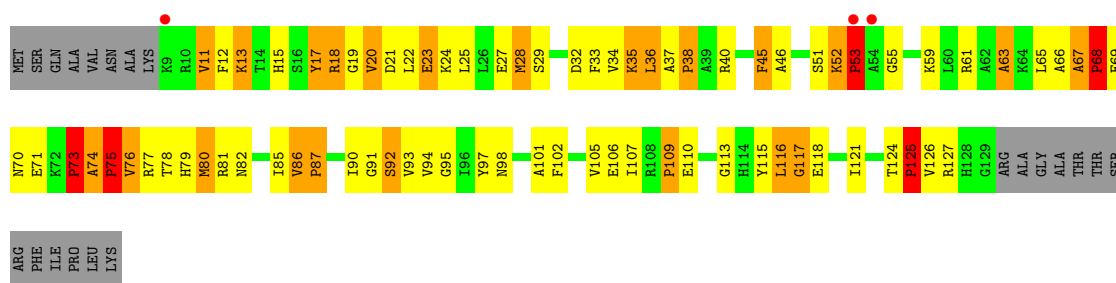
- Molecule 9: 40S ribosomal protein S14-A

Chain CH:



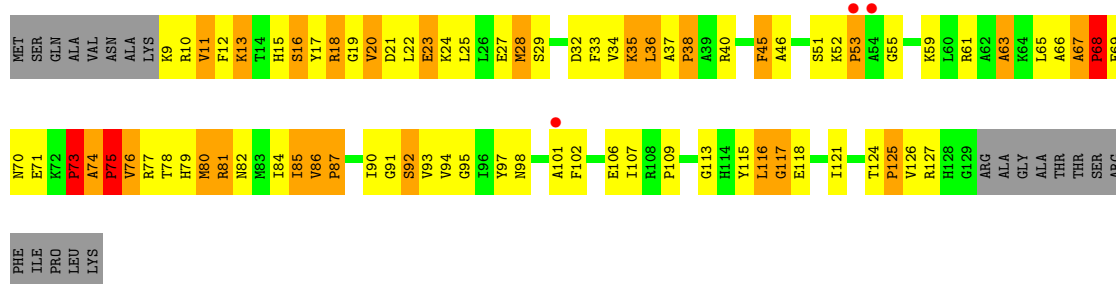
- Molecule 10: 40S ribosomal protein S15

Chain AI:



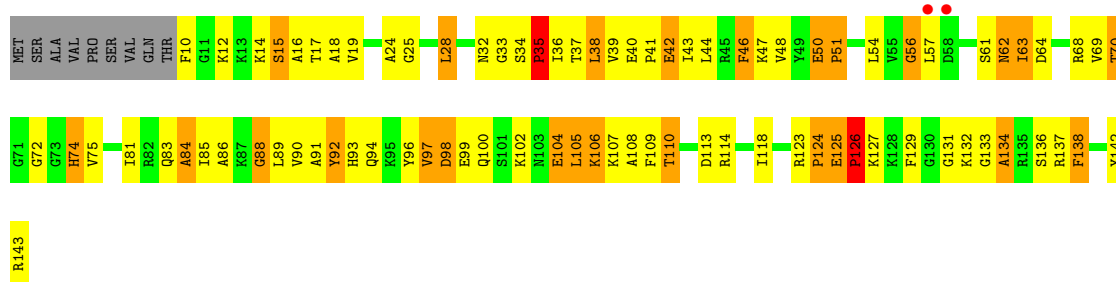
- Molecule 10: 40S ribosomal protein S15

Chain CI:



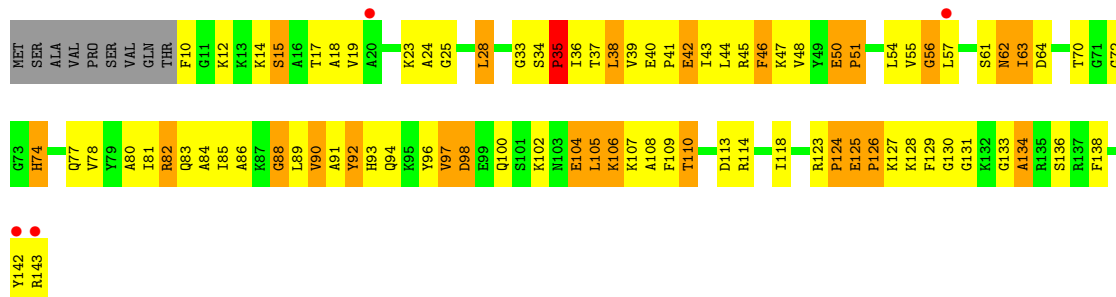
- Molecule 11: 40S ribosomal protein S16

Chain AJ:



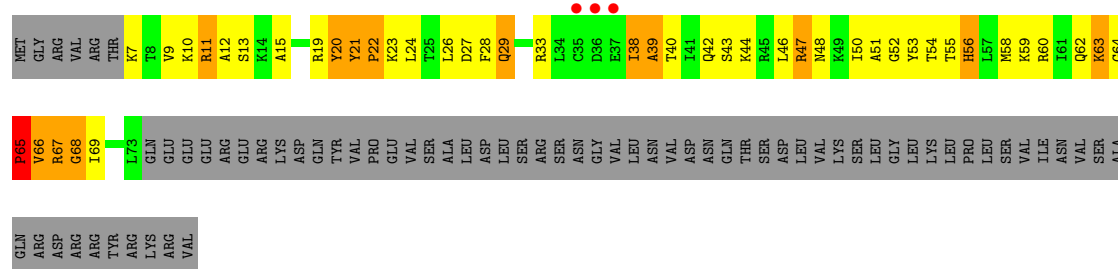
- Molecule 11: 40S ribosomal protein S16

Chain CJ:



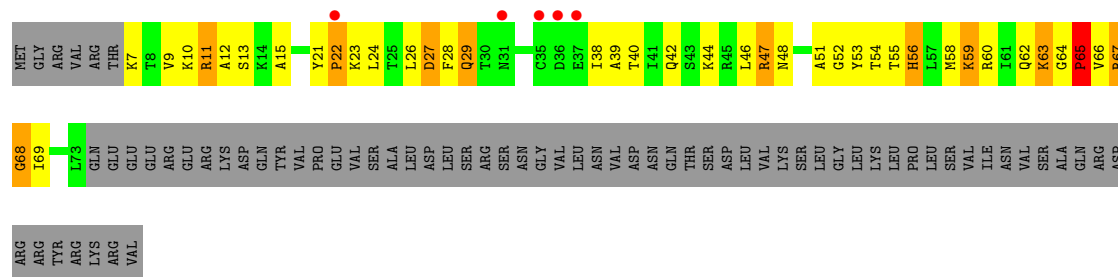
- Molecule 12: 40S ribosomal protein S17-A

Chain AK:



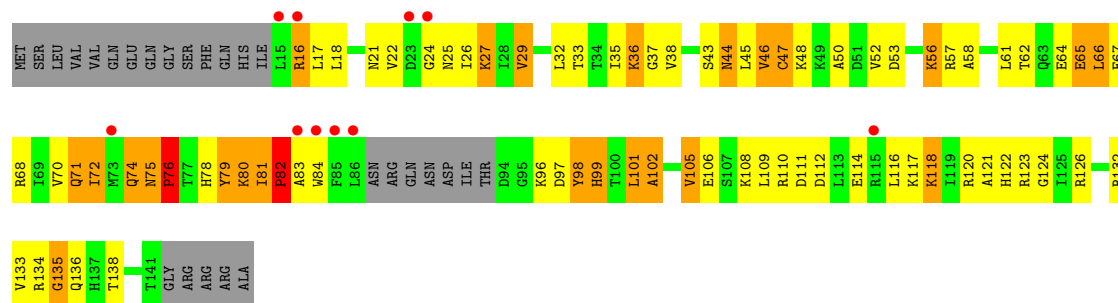
- Molecule 12: 40S ribosomal protein S17-A

Chain CK:



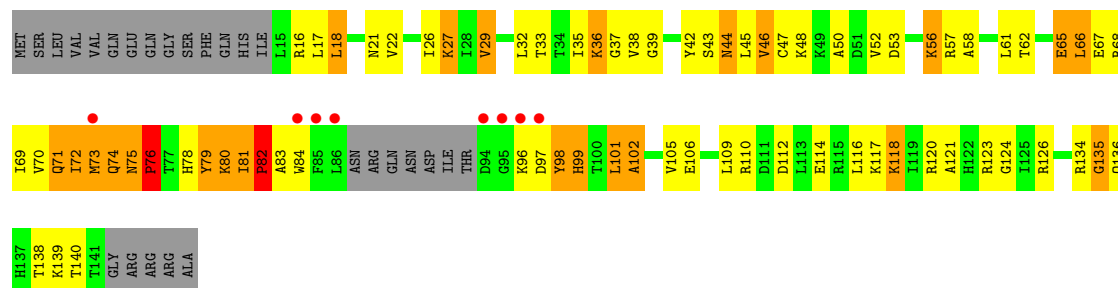
- Molecule 13: 40S ribosomal protein S18

Chain AL:



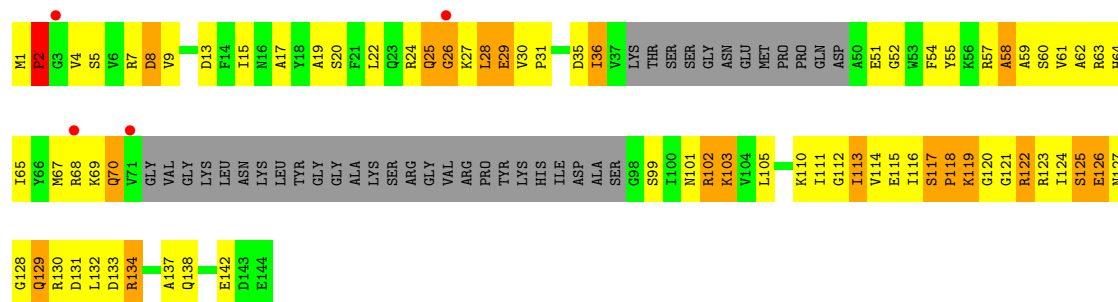
- Molecule 13: 40S ribosomal protein S18

Chain CL:



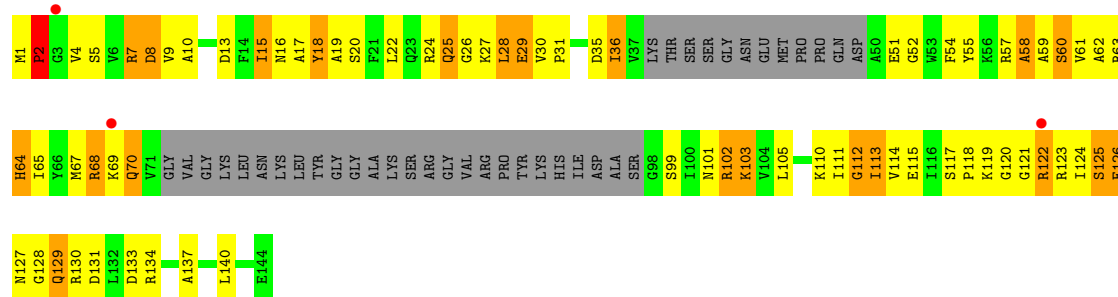
- Molecule 14: 40S ribosomal protein S19-A

Chain AM:



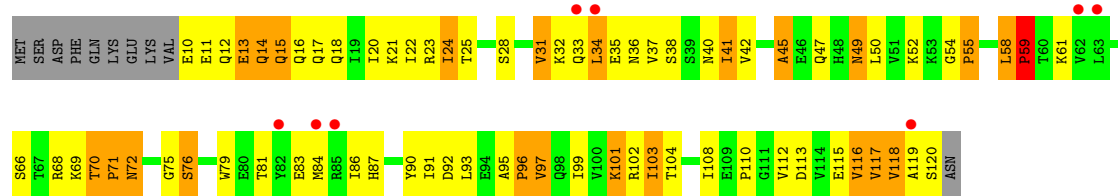
- Molecule 14: 40S ribosomal protein S19-A

Chain CM:



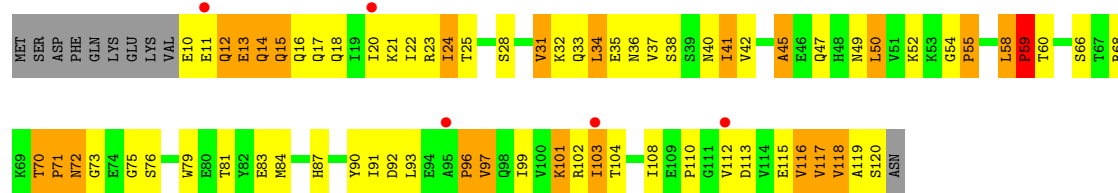
- Molecule 15: 40S ribosomal protein S20

Chain AN:



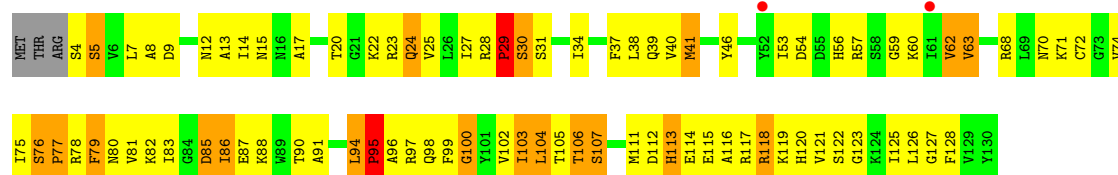
- Molecule 15: 40S ribosomal protein S20

Chain CN:



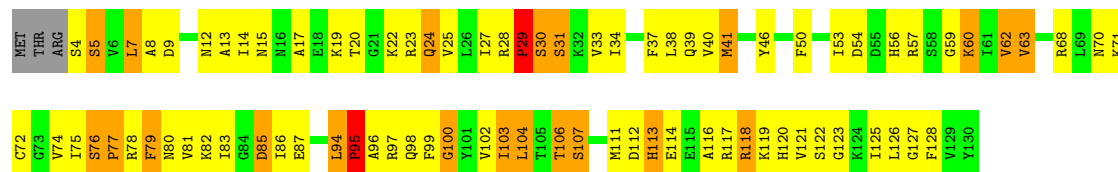
- Molecule 16: 40S ribosomal protein S22-A

Chain AO:



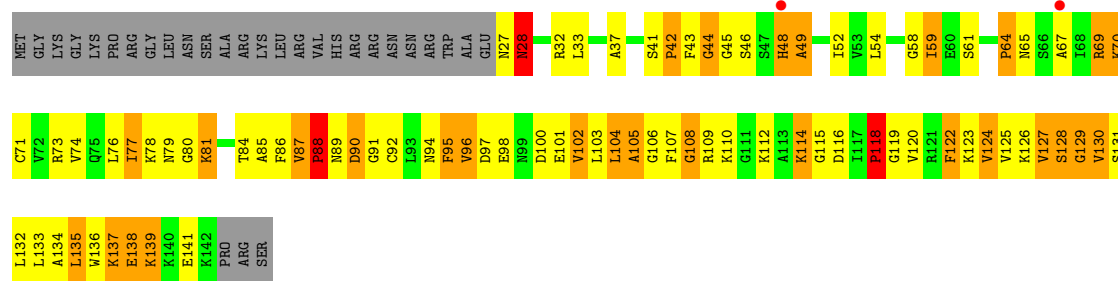
- Molecule 16: 40S ribosomal protein S22-A

Chain CO:



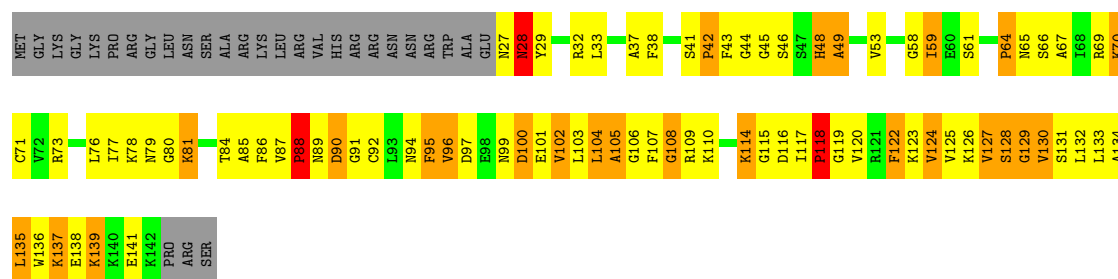
- Molecule 17: 40S ribosomal protein S23

Chain AP:



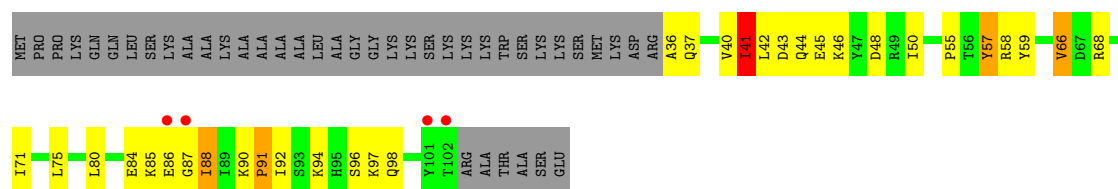
- Molecule 17: 40S ribosomal protein S23

Chain CP:



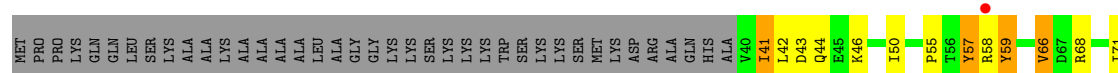
- Molecule 18: 40S ribosomal protein S25-A

Chain AQ:



- Molecule 18: 40S ribosomal protein S25-A

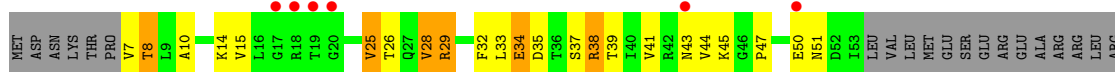
Chain CQ:





- Molecule 19: 40S ribosomal protein S28-A

Chain AR:



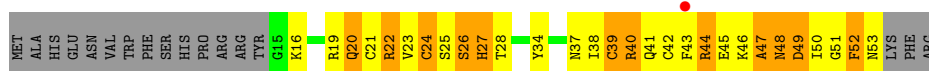
- Molecule 19: 40S ribosomal protein S28-A

Chain CR:



- Molecule 20: 40S ribosomal protein S29-A

Chain AS:



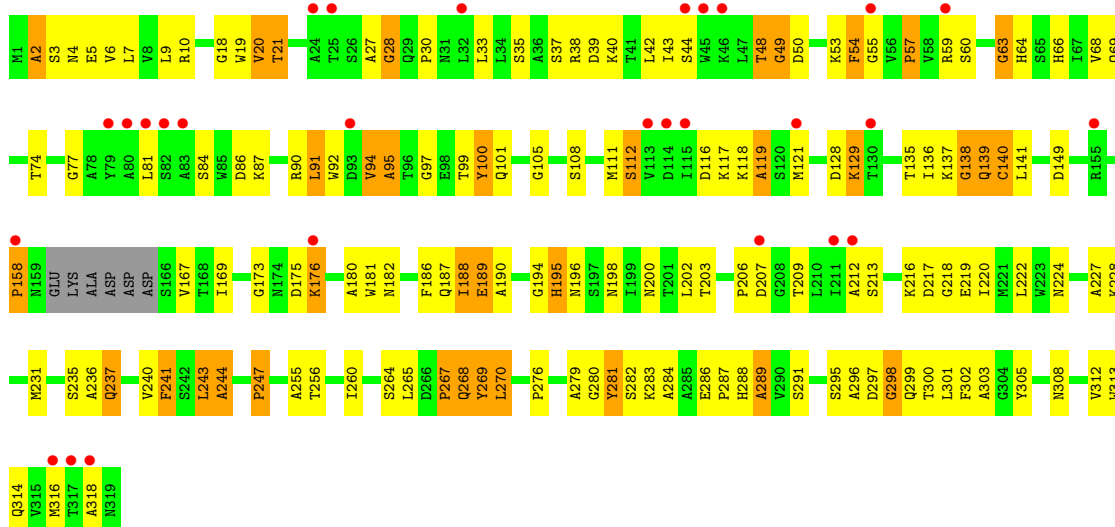
- Molecule 20: 40S ribosomal protein S29-A

Chain CS:



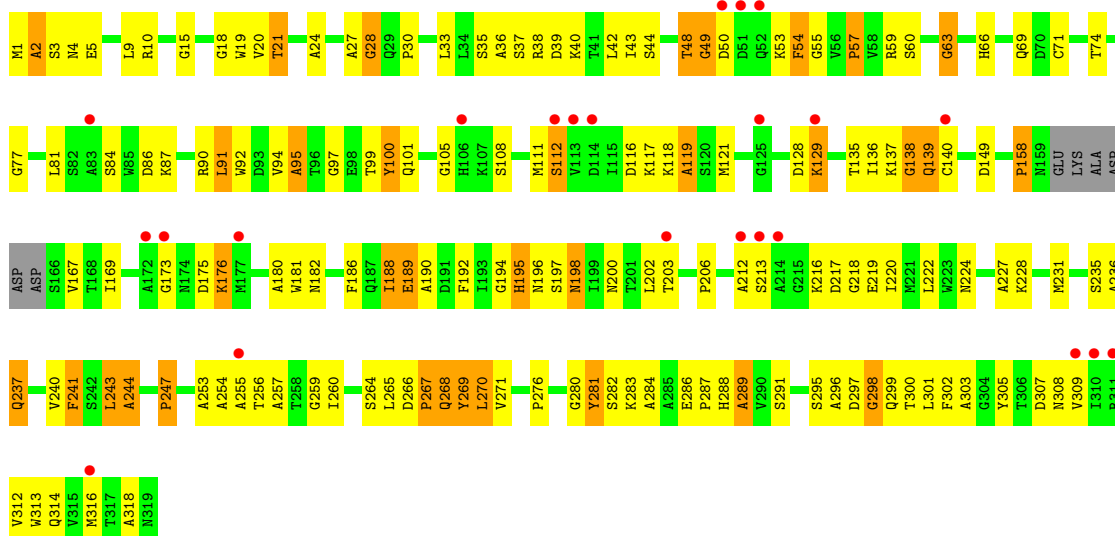
- Molecule 21: Guanine nucleotide-binding protein subunit beta-like protein; RACK-1

Chain AT:



- Molecule 21: Guanine nucleotide-binding protein subunit beta-like protein; RACK-1

Chain CT: 



- Molecule 22: Unassigned secondary structure

Chain Aa: 

There are no outlier residues recorded for this chain.

- Molecule 22: Unassigned secondary structure

Chain Bo: 



- Molecule 22: Unassigned secondary structure

Chain Ca: 

There are no outlier residues recorded for this chain.

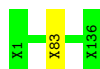
- Molecule 23: Unassigned secondary structure

Chain Ab: 



- Molecule 23: Unassigned secondary structure

Chain Cb: 



- Molecule 24: Unassigned secondary structure

Chain Ac: 



- Molecule 24: Unassigned secondary structure

Chain Cc: 

There are no outlier residues recorded for this chain.

- Molecule 25: Unassigned secondary structure

Chain Ad: 

There are no outlier residues recorded for this chain.

- Molecule 25: Unassigned secondary structure

Chain Cd: 

There are no outlier residues recorded for this chain.

- Molecule 26: Unassigned secondary structure

Chain Ae: 

There are no outlier residues recorded for this chain.

- Molecule 26: Unassigned secondary structure

Chain Bj: 

There are no outlier residues recorded for this chain.

- Molecule 26: Unassigned secondary structure

Chain Dj: 

There are no outlier residues recorded for this chain.

- Molecule 27: Unassigned secondary structure

Chain Af: 

There are no outlier residues recorded for this chain.

- Molecule 28: Unassigned secondary structure

Chain Ah: 

There are no outlier residues recorded for this chain.

- Molecule 28: Unassigned secondary structure

Chain Ch: 

There are no outlier residues recorded for this chain.

- Molecule 29: 25S ribosomal RNA

Chain B1: 

| | | | | | | | | | | | | | | | |
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| G902 | G942 | U782 | G722 | U662 | A602 | G642 | C | A422 | U362 | U302 | C242 | U182 | A122 | A62 | U |
| U903 | A943 | A783 | U723 | G663 | A603 | C543 | G | A423 | G363 | G303 | G243 | U183 | A123 | A63 | U3 |
| A904 | G944 | U784 | U724 | U664 | G604 | C544 | C | G424 | G364 | G304 | G244 | U184 | U124 | G64 | U4 |
| U905 | G945 | G785 | G725 | A665 | U605 | U545 | A | G425 | A365 | U305 | U245 | C185 | C125 | A65 | G5 |
| A906 | G946 | A786 | G726 | A666 | G606 | U546 | U | G426 | A366 | A306 | U246 | U186 | U126 | A66 | A6 |
| G907 | A947 | G787 | G727 | G667 | A607 | G547 | U | C427 | A367 | A307 | C247 | A187 | G127 | A67 | C7 |
| A908 | G948 | C788 | G728 | G668 | A608 | G548 | U | A428 | G368 | A308 | U248 | U188 | G128 | C68 | C8 |
| G909 | C949 | A789 | G729 | U669 | G609 | U549 | C | U429 | A369 | U309 | U249 | U189 | U129 | C69 | U9 |
| G910 | U950 | U790 | A730 | C670 | G610 | A550 | A | U430 | U370 | U310 | U250 | U190 | A130 | C70 | C10 |
| C911 | C851 | A791 | U731 | A551 | A611 | A551 | C | U431 | G371 | G311 | G251 | U191 | C131 | A71 | C11 |
| G912 | U852 | G792 | C732 | A672 | U612 | U552 | U492 | G432 | A372 | C312 | U252 | C192 | C132 | C72 | A12 |
| A913 | G853 | G793 | G733 | U673 | G613 | U553 | G493 | A433 | A373 | A313 | A253 | C193 | U133 | C73 | A13 |
| A914 | G854 | U794 | C734 | G674 | C614 | A554 | G494 | U434 | A374 | U314 | A254 | U194 | U134 | G74 | U14 |
| A915 | U855 | G795 | A735 | C675 | U615 | U555 | G495 | A435 | A375 | C315 | A255 | U195 | C135 | G75 | C15 |
| G916 | G956 | U796 | A736 | U676 | U616 | U556 | C496 | A436 | G376 | U316 | G256 | G196 | G136 | G76 | A16 |
| A917 | G857 | U797 | A737 | A677 | G617 | A557 | A497 | G437 | A377 | A317 | U257 | G197 | G137 | A77 | G17 |
| C918 | A958 | G798 | A738 | G678 | C618 | U558 | C498 | A438 | A378 | A318 | G258 | A198 | U138 | U78 | G18 |
| U919 | G859 | G799 | G739 | U679 | A619 | A559 | G499 | C439 | C379 | A319 | C259 | A199 | G139 | U79 | U19 |
| A920 | G860 | G800 | G740 | G680 | U620 | G560 | C500 | A440 | U380 | G320 | C260 | C200 | C140 | G80 | A20 |
| A921 | C861 | U801 | U741 | C561 | A621 | C561 | A501 | U441 | U381 | C321 | U261 | A201 | C141 | G81 | G21 |
| U922 | U862 | C802 | G742 | U682 | U622 | C562 | U502 | G | U382 | U322 | U262 | G202 | C142 | C82 | G22 |
| C923 | C863 | C803 | C743 | U683 | U623 | U563 | C503 | G | G383 | A323 | C263 | G203 | G143 | U83 | A23 |
| G924 | G864 | C804 | A744 | G684 | G624 | G564 | A504 | U | A384 | A324 | G264 | A204 | A144 | U84 | G24 |
| A925 | U865 | G805 | G745 | G685 | G625 | U565 | G505 | G | A385 | A325 | A265 | C205 | G145 | A85 | U25 |
| A926 | A866 | A806 | A746 | G686 | U626 | G566 | U506 | U | A386 | U326 | A266 | G206 | U146 | G86 | A26 |
| C927 | G867 | A807 | A747 | U687 | U627 | G567 | U507 | U | A387 | A327 | G267 | U207 | U147 | U87 | C27 |
| C928 | G868 | A808 | U748 | G688 | A628 | G568 | U508 | U | G388 | U328 | A268 | C208 | G148 | A88 | C28 |
| A929 | G869 | G809 | G749 | U689 | U629 | A569 | U509 | U | A389 | U329 | G269 | A209 | U149 | A89 | C29 |
| U930 | G870 | A810 | G750 | A690 | A630 | A570 | G | U | G390 | U330 | U270 | U210 | A150 | C90 | G30 |
| C931 | U871 | U811 | A751 | A691 | U631 | U571 | U511 | U | A391 | C331 | C271 | A211 | A151 | G91 | C31 |
| U932 | U872 | C812 | C752 | A692 | G632 | A572 | U512 | G | C392 | C332 | G272 | G212 | U152 | G92 | U32 |
| A933 | C873 | G813 | G753 | A693 | C633 | C573 | G513 | C | U393 | G333 | A273 | G213 | C153 | C93 | G33 |
| G934 | U874 | U814 | A754 | C694 | C634 | U574 | G514 | C | A394 | A334 | G274 | G214 | U154 | G94 | A34 |
| U935 | G875 | G815 | A755 | C695 | G635 | G575 | C515 | C | A395 | G335 | U275 | G215 | G155 | A95 | A35 |
| A936 | A876 | A816 | U756 | C696 | C636 | C576 | A516 | U | A396 | A336 | U276 | G216 | G156 | G96 | C36 |
| G937 | C877 | A817 | G757 | A697 | G637 | C577 | G517 | C | A397 | G337 | G277 | U217 | A157 | U97 | U37 |
| C938 | G878 | C818 | C758 | U698 | C638 | A578 | G518 | U | A398 | A338 | U278 | G218 | G158 | G98 | U38 |
| U939 | U879 | U819 | U759 | A699 | C639 | G579 | A519 | G | A399 | C339 | U279 | A219 | A159 | A99 | A39 |
| G940 | G880 | A820 | G760 | C700 | U640 | C580 | U520 | C | G400 | C340 | U280 | G220 | G160 | A100 | A40 |
| G941 | A881 | U821 | A761 | C641 | C641 | U581 | A521 | U | U401 | C341 | G281 | A221 | G161 | G101 | G41 |
| U942 | C882 | G822 | U762 | G702 | U642 | G582 | A522 | C | A402 | A342 | G282 | A222 | G162 | C102 | C42 |
| C943 | A883 | C823 | G763 | G703 | U643 | G583 | A523 | U | C403 | U343 | G283 | U223 | C163 | G103 | A43 |
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| C945 | U885 | U825 | C765 | A645 | A645 | A585 | C525 | U | U405 | G345 | A285 | C225 | A165 | C105 | A45 |
| U946 | C886 | G826 | U766 | A646 | A646 | C586 | C526 | G | G406 | C346 | U286 | C226 | C166 | C106 | A46 |
| G947 | G887 | A827 | U767 | A647 | U647 | U587 | A527 | U | A407 | G347 | G287 | G227 | U167 | A107 | C47 |
| C948 | A888 | A828 | C768 | C648 | C648 | U588 | U528 | G | A408 | A348 | C288 | U228 | U168 | A108 | A48 |
| G949 | U889 | U829 | G769 | A649 | A649 | A589 | A529 | G | A409 | A349 | A289 | G229 | U169 | A109 | A49 |
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| A951 | G891 | C831 | A771 | G651 | G651 | G591 | G531 | U | U411 | A351 | C291 | G231 | G171 | C111 | A51 |
| A952 | U892 | G832 | U772 | G652 | G652 | A592 | A532 | A | G412 | A352 | U292 | G232 | G172 | U112 | A52 |
| G953 | C893 | G833 | G773 | A653 | A653 | C593 | A533 | G | U413 | C353 | C293 | C233 | G173 | C113 | G53 |
| U954 | U894 | U834 | G774 | C654 | C654 | U594 | U534 | G | U414 | U354 | U294 | G234 | C174 | A114 | C54 |
| U955 | A895 | G835 | A775 | G655 | G655 | G595 | G535 | C | G415 | A355 | A295 | A235 | C175 | A115 | G55 |
| U956 | A896 | A836 | U776 | A656 | A656 | C596 | U536 | G | A416 | C356 | A296 | G236 | G176 | A116 | G56 |
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| C958 | U898 | G838 | U778 | G658 | G658 | A598 | G538 | U | A418 | C358 | U298 | A238 | U178 | U118 | G58 |
| C959 | U899 | C839 | G779 | C659 | C659 | C599 | C539 | A | G419 | U359 | G299 | G239 | C179 | U119 | G59 |
| U960 | G900 | C840 | A780 | A660 | A660 | G600 | U540 | C | G420 | G360 | G300 | U240 | C190 | G120 | A60 |

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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
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| G1807 | G1747 | U1687 | U1627 | U1567 | G1507 | U1445 | C1385 | G1323 | A1263 | A1203 | A1143 | G1063 | U1022 | A962 |
| A1808 | G1748 | U1688 | C1628 | U1568 | C1508 | A1446 | C1386 | U1324 | G1264 | A1204 | A1144 | G1064 | G1023 | G963 |
| A1809 | A1749 | U1689 | U1629 | U1569 | A1509 | G1447 | C1387 | U1325 | U1265 | A1205 | G1145 | A1085 | U1024 | G964 |
| A1810 | A1750 | C1690 | U1630 | U1570 | G1510 | U1448 | C1388 | A1326 | G1266 | G1206 | C1146 | A1026 | A1026 | U966 |
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| G1812 | A1752 | U1692 | A1632 | U1572 | U1512 | G1450 | A1390 | U1328 | G1268 | U1208 | G1148 | U1088 | A1027 | A967 |
| A1813 | G1753 | C1693 | C1633 | G1573 | G1513 | C1451 | C1391 | U1329 | U1269 | G1209 | G1149 | U1089 | U1028 | G968 |
| A1814 | G1754 | U1694 | G1634 | C1574 | G1514 | A1452 | C1392 | A1330 | A1270 | U1210 | A1150 | G1090 | G1029 | G969 |
| U1815 | C1755 | A1695 | A1635 | A1575 | A1515 | A1453 | A1393 | U1331 | A1271 | U1211 | U1151 | A1091 | A1030 | A970 |
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| G1817 | A1757 | C1697 | A1637 | G1577 | G1517 | U1455 | C1395 | U1333 | A1273 | G1213 | A1153 | A1093 | C1032 | A972 |
| U1818 | G1758 | C1698 | A1638 | C1578 | U1518 | A1456 | C1396 | U1334 | A1274 | U1214 | U1154 | U1094 | U1033 | A973 |
| U1819 | C1759 | A1699 | C1639 | C1579 | G1519 | U1457 | C1397 | C1335 | C1275 | U1215 | C1155 | U1095 | U1034 | G974 |
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| A1823 | G1763 | U1703 | A1643 | A1583 | U1523 | A1461 | A1401 | C1339 | C1279 | C1219 | A1159 | A1099 | G1038 | G978 |
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| A1827 | C1767 | A1707 | A1647 | A1587 | C1527 | A1465 | A1405 | A1343 | C1283 | A1223 | A1163 | G1103 | U1042 | G982 |
| A1828 | U1768 | C1708 | A1648 | A1588 | G1528 | G1466 | A1406 | C1344 | C1284 | C1224 | G1164 | G1104 | C1043 | A983 |
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| C1832 | U1772 | G1712 | G1652 | G1592 | U1532 | U1470 | U1410 | U1350 | U1288 | C1228 | U1168 | U1108 | A1047 | U987 |
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| A1835 | G1775 | A1715 | G1655 | U1595 | G1535 | U1473 | G1413 | U1353 | A1291 | A1231 | G1171 | U1111 | U1050 | U990 |
| C1836 | C1776 | U1716 | A1656 | C1596 | G1536 | G1474 | G1414 | G1354 | U1292 | C1232 | G1172 | A1112 | U1051 | G991 |
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| C1844 | G1784 | U1724 | G1664 | G1604 | G1544 | G1483 | G1422 | G1362 | G1300 | A1240 | A1180 | A1120 | G1059 | G999 |
| C1845 | U1785 | C1725 | C1665 | A1605 | A1545 | U1484 | C1423 | A1363 | A1301 | U1241 | U1181 | U1121 | U1060 | C1000 |
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| U1853 | C1793 | G1733 | G1673 | A1613 | U1553 | G1493 | A1431 | G1371 | U1309 | G1249 | C1189 | A1129 | U1068 | U1008 |
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| U1855 | U1795 | G1735 | G1675 | C1615 | U1555 | U1495 | A1433 | A1373 | G1311 | A1251 | U1191 | G1131 | G1010 | G1010 |
| C1856 | A1796 | G1736 | A1676 | U1616 | C1556 | C1496 | G1434 | G1374 | C1312 | A1252 | C1192 | C1132 | A1011 | A1011 |
| C1857 | U1797 | U1737 | G1677 | G1617 | A1557 | C1497 | A1435 | G1375 | G1313 | U1253 | A1193 | A1133 | G1012 | G1012 |
| A1858 | A1798 | C1738 | G1678 | A1618 | A1558 | U1498 | A1436 | C1376 | C1314 | C1254 | G1194 | A1134 | U1073 | G1013 |
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| G1860 | U1800 | U1740 | G1680 | U1620 | G1560 | U1500 | A1438 | G1378 | C1316 | G1256 | G1196 | C1136 | G1075 | U1015 |
| G1861 | U1801 | A1741 | A1621 | U1621 | U1561 | U1501 | U1439 | G1379 | A1317 | C1257 | C1197 | C1137 | G1076 | U1016 |
| U1862 | C1802 | U1742 | U1682 | U1622 | C1562 | C1502 | G1440 | C1380 | A1318 | U1258 | C1198 | U1138 | U1078 | C1017 |
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| A1865 | C1805 | C1745 | C1685 | G1565 | G1565 | C1505 | G1443 | G1383 | G1321 | G1261 | C1201 | C1141 | U1081 | G1020 |

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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
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| A2657 | U2597 | U2472 | U2410 | C2350 | C2290 | C2230 | U2170 | G2110 | G1930 | C1869 |
| G2658 | G2598 | U2538 | U2411 | U2351 | A2291 | C2231 | G2171 | U2111 | U1931 | C1870 |
| G2659 | U2599 | G2473 | G2412 | A2352 | U2292 | A2232 | A2172 | U2112 | A1932 | U1871 |
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| G2664 | U2604 | C2478 | U2417 | A2357 | U2297 | C2237 | G2177 | A2117 | U1937 | G1878 |
| U2665 | G2605 | C2479 | G2418 | C2358 | U2298 | G2238 | A2178 | C2118 | G1938 | A1879 |
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| G2670 | G2610 | U2486 | U2423 | A2363 | A2303 | A2243 | A2183 | G2123 | C1943 | A1884 |
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| G2672 | U2612 | U2488 | G2425 | C2365 | G2305 | C2245 | G2185 | A2125 | A1945 | A1886 |
| A2673 | U2613 | C2489 | U2426 | C2366 | C2306 | G2246 | U2186 | A2126 | A1946 | U1887 |
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| A2736 | C2616 | C2492 | G2429 | G2369 | A2309 | G2249 | U2189 | U2129 | G1949 | U1890 |
| G2677 | U2617 | U2493 | A2430 | G2370 | U2310 | G2250 | U2190 | G2130 | U1950 | A1891 |
| A2678 | G2618 | U2494 | C2431 | G2371 | G2311 | G2251 | U2191 | A2131 | C1951 | G1892 |
| A2739 | U2619 | C2495 | A2432 | A2372 | A2312 | A2252 | C2192 | C2132 | G1952 | A1893 |
| A2680 | G2620 | U2496 | U2433 | A2373 | A2313 | G2253 | U2193 | U2133 | U1953 | U1894 |
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| C2742 | C2622 | A2500 | G2435 | G2375 | G2315 | A2255 | C2195 | C2135 | U1901 | A1896 |
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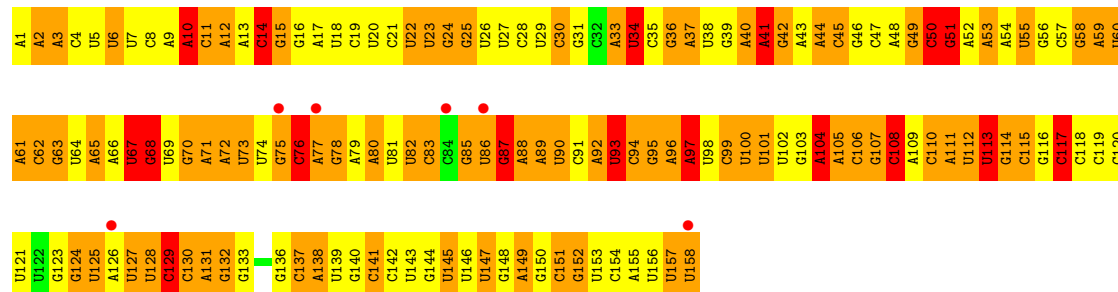
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|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
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| U2827 | U2767 | C2707 | A2647 | U2587 | A2524 | G2463 | G2403 | C2343 | A2223 | C2163 | U |
| G2828 | U2768 | C2708 | G2648 | U2588 | G2525 | U2464 | A2404 | U2344 | A2224 | A2164 | U |
| A2829 | A2769 | G2709 | G2649 | G2589 | G2526 | G2465 | G2405 | G2345 | U2225 | G2165 | C |
| G2830 | G2770 | C2710 | U2650 | A2590 | G2527 | G2466 | C2406 | G2346 | U2226 | A2166 | G |
| G2831 | G2771 | C2711 | G2651 | A2591 | G2528 | G2467 | C2407 | U2347 | C2227 | A2167 | U |
| C2832 | C2772 | U2712 | U2652 | G2592 | A2529 | A2468 | U2408 | A2348 | C2228 | A2168 | G |
| A2833 | C2773 | G2713 | C2653 | A2593 | G2530 | G2469 | U2409 | U2349 | A2229 | A2169 | U |
| G2834 | C2774 | U2714 | C2654 | U2594 | G2531 | G2470 | U2410 | C2350 | C2230 | U2170 | C |
| U2835 | U2775 | A2715 | U2655 | A2595 | A2536 | U2471 | U2411 | U2351 | C2231 | G2171 | U |
| C2836 | C2776 | G2716 | A2656 | U2596 | G2537 | U2472 | G2412 | A2352 | A2232 | A2172 | G |
| A2837 | U2777 | U2717 | G2657 | G2597 | U2538 | G2473 | A2413 | C2353 | C2233 | U2173 | C |
| G2838 | G2778 | G2718 | G2658 | U2598 | U2539 | G2474 | G2414 | G2354 | G2234 | C2174 | C |
| G2839 | A2779 | U2719 | G2659 | U2599 | C2539 | G2475 | C2415 | G2355 | C2235 | U2175 | A |
| C2840 | A2780 | G2720 | G2660 | C2600 | A2540 | C2476 | U2416 | A2356 | U2236 | A2176 | U |
| A2841 | U2781 | U2721 | G2661 | A2601 | U2541 | G2477 | G2417 | A2357 | C2237 | G2177 | C |
| U2842 | G2782 | U2722 | G2662 | G2602 | U2542 | C2478 | G2418 | A2358 | G2238 | A2178 | G |
| G2843 | U2783 | G2723 | G2663 | G2603 | U2543 | G2479 | A2419 | C2359 | G2239 | C2179 | C |
| C2844 | G2784 | U2724 | C2664 | U2604 | U2544 | A2480 | C2420 | C2360 | G2240 | G2180 | A |
| A2845 | A2785 | U2725 | U2665 | G2605 | C2545 | U2481 | U2421 | C2361 | U2241 | C2181 | U |
| U2846 | G2786 | C2726 | C2666 | U2606 | C2546 | U2482 | C2422 | C2362 | G2242 | A2182 | G |
| A2847 | G2787 | A2727 | A2667 | G2607 | A2547 | G2483 | U2423 | A2363 | A2243 | G2183 | C |
| G2848 | G2788 | G2728 | G2668 | G2608 | C2548 | A2484 | A2424 | G2364 | A2244 | U2184 | U |
| C2849 | U2789 | U2729 | G2669 | A2609 | G2549 | A2485 | G2425 | C2365 | G2245 | G2185 | C |
| G2850 | U2790 | G2730 | G2670 | G2610 | U2550 | A2486 | U2426 | C2366 | U2246 | U2186 | G |
| A2851 | G2791 | U2731 | A2671 | U2611 | U2551 | U2487 | U2427 | A2367 | G2247 | G2187 | U |
| C2852 | A2792 | G2732 | G2672 | U2612 | C2552 | A2488 | U2428 | A2368 | C2248 | A2188 | U |
| U2853 | G2793 | A2733 | U2673 | U2613 | G2553 | C2489 | G2429 | G2369 | G2249 | U2189 | C |
| G2854 | G2794 | U2734 | A2674 | G2614 | A2554 | C2490 | A2430 | G2370 | G2250 | U2190 | G |
| U2855 | U2795 | G2735 | C2675 | G2615 | G2555 | A2491 | C2431 | G2371 | G2251 | U2191 | U |
| G2856 | G2796 | U2736 | A2676 | C2616 | G2556 | C2492 | A2432 | A2372 | A2252 | C2192 | C |
| C2857 | C2797 | C2737 | G2677 | U2617 | A2557 | U2493 | U2433 | A2373 | G2253 | U2193 | C |
| U2858 | C2798 | A2738 | A2678 | G2618 | U2558 | A2494 | U2434 | G2374 | U2254 | G2194 | C |
| U2859 | A2799 | G2739 | A2679 | G2619 | U2559 | C2495 | G2435 | G2375 | A2255 | C2195 | C |
| U2860 | G2800 | U2740 | A2680 | G2620 | C2560 | C2496 | U2436 | G2376 | A2256 | G2196 | U |
| U2861 | A2801 | C2741 | U2681 | G2621 | A2561 | U2497 | G2437 | G2377 | C2257 | C2197 | C |
| U2862 | A2802 | G2742 | C2682 | C2622 | A2562 | U2498 | A2438 | C2378 | U2258 | A2198 | C |
| G2863 | A2803 | U2743 | U2683 | G2623 | G2563 | A2499 | A2439 | U2379 | A2259 | G2199 | C |
| A2864 | A2804 | U2744 | C2684 | G2624 | G2564 | A2500 | G2440 | U2380 | U2260 | U2200 | U |
| U2865 | G2805 | G2745 | U2685 | C2625 | U2565 | U2501 | A2441 | G2381 | G2261 | U2140 | C |
| G2866 | U2806 | A2746 | A2686 | A2626 | C2566 | A2502 | G2442 | C2382 | A2262 | U2141 | U |
| C2867 | U2807 | G2747 | G2687 | C2627 | G2567 | G2503 | A2443 | C2383 | C2263 | U2142 | C |
| U2868 | C2808 | U2748 | U2688 | A2628 | C2568 | U2504 | C2444 | A2384 | U2264 | A2144 | C |
| A2869 | A2809 | G2749 | A2689 | U2629 | A2569 | U2505 | U2445 | G2385 | C2265 | U2205 | U |
| C2870 | C2810 | U2750 | G2690 | C2630 | U2570 | U2506 | U2446 | A2386 | G2266 | G2206 | A |
| U2871 | A2811 | G2751 | A2691 | U2631 | U2571 | C2507 | A2447 | U2387 | U2267 | A2147 | C |
| A2872 | C2812 | U2752 | A2692 | G2632 | C2572 | U2508 | G2448 | U2388 | U2268 | A2148 | C |
| U2873 | A2813 | G2753 | C2693 | U2633 | G2573 | U2509 | A2449 | C2389 | U2269 | A2149 | A |
| G2874 | U2814 | U2754 | A2694 | U2634 | G2574 | U2510 | G2450 | A2390 | G2270 | G2150 | U |
| U2875 | G2815 | C2755 | A2695 | A2635 | G2575 | A2511 | G2451 | G2391 | A2271 | C2151 | U |
| C2876 | G2816 | C2756 | A2696 | U2636 | G2576 | C2512 | G2452 | C2392 | G2272 | C2212 | U |
| U2877 | A2817 | U2757 | A2697 | A2637 | U2577 | U2513 | U2453 | G2393 | A2273 | A2213 | G |
| G2878 | U2818 | G2758 | C2698 | C2638 | U2578 | U2514 | G2454 | G2394 | U2274 | A2214 | C |
| C2879 | A2819 | U2759 | G2699 | G2639 | A2579 | A2515 | U2455 | G2395 | A2275 | A2215 | G |
| U2880 | A2820 | G2760 | U2700 | A2640 | A2580 | U2516 | G2456 | G2396 | G2276 | C2216 | U |
| A2881 | C2821 | G2761 | U2701 | U2641 | U2581 | U2517 | G2457 | G2397 | C2277 | U2217 | C |
| U2882 | U2822 | A2762 | A2702 | A2642 | C2582 | A2458 | A2458 | A2398 | C2278 | G2218 | C |
| C2883 | G2823 | U2763 | A2703 | A2643 | C2583 | U2459 | U2459 | A2399 | A2279 | A2219 | C |
| U2884 | A2824 | G2764 | A2704 | G2644 | U2584 | U2460 | G2460 | U2400 | A2280 | A2220 | U |
| C2885 | C2825 | G2765 | A2705 | G2645 | G2585 | A2461 | A2461 | A2401 | A2281 | G2221 | U |

U21

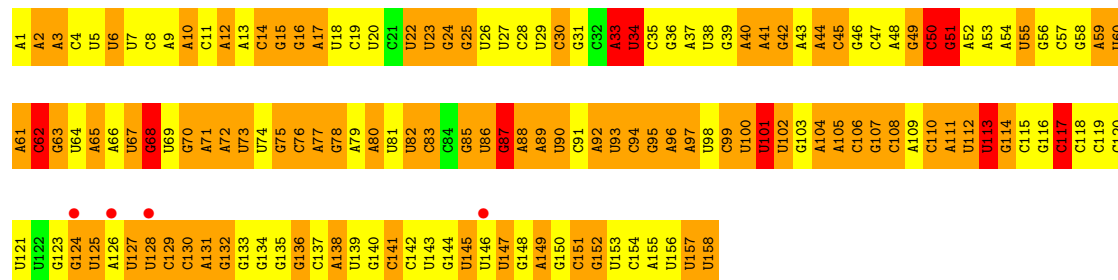
- Molecule 31: 5.8S ribosomal RNA

Chain B3:



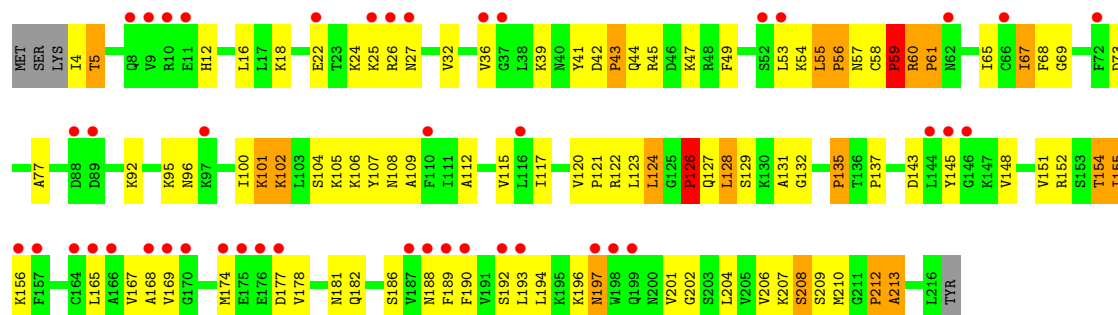
- Molecule 31: 5.8S ribosomal RNA

Chain D3:



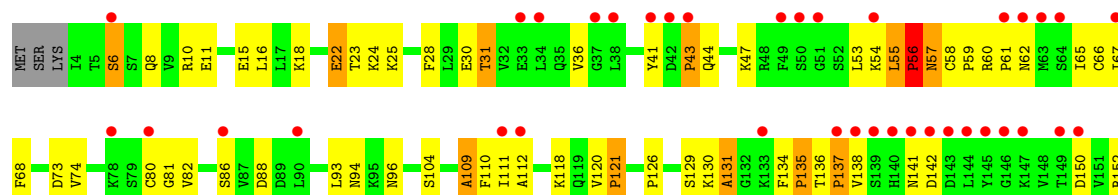
- Molecule 32: 60S ribosomal protein L1

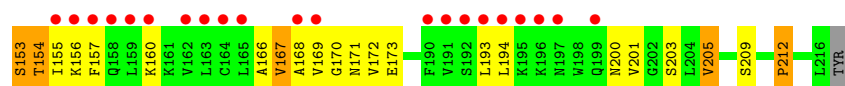
Chain BA:



- Molecule 32: 60S ribosomal protein L1

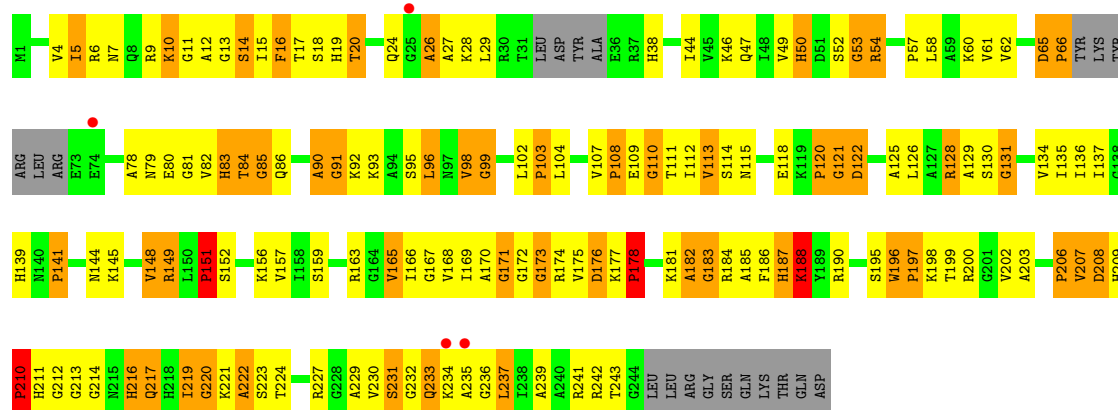
Chain DA:





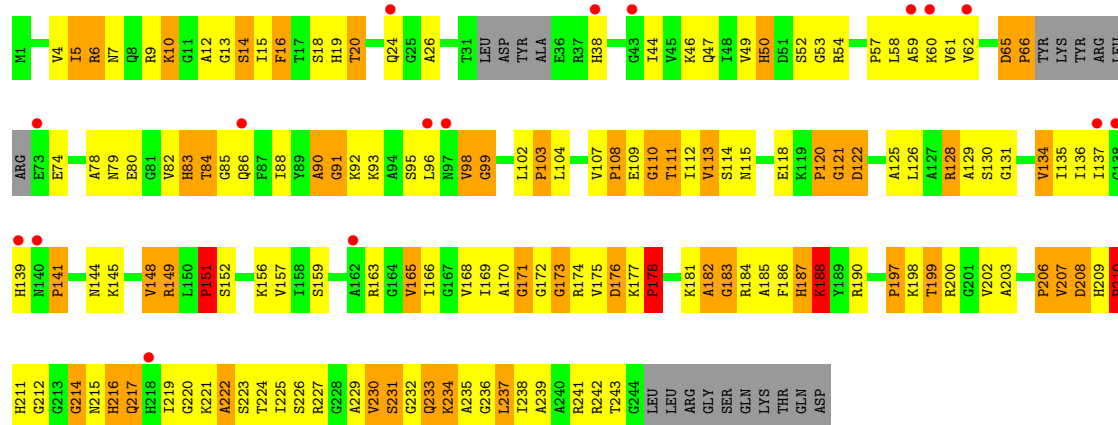
• Molecule 33: 60S ribosomal protein L2

Chain BB:



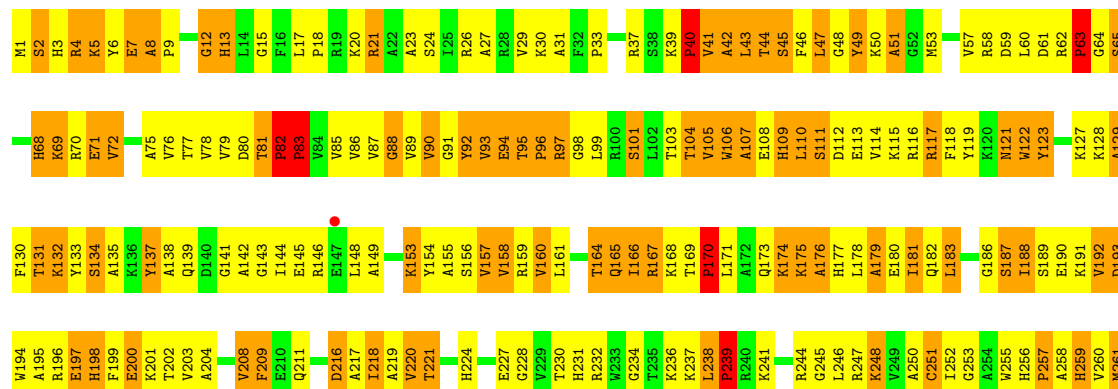
• Molecule 33: 60S ribosomal protein L2

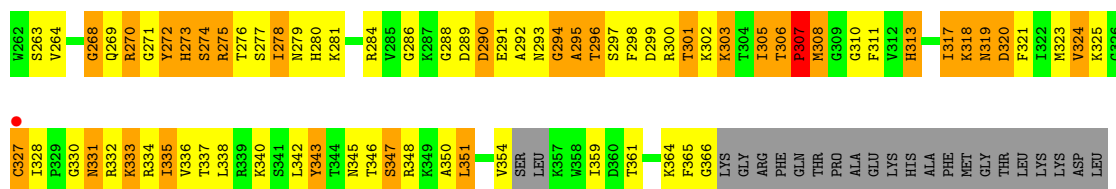
Chain DB:



• Molecule 34: 60S ribosomal protein L3

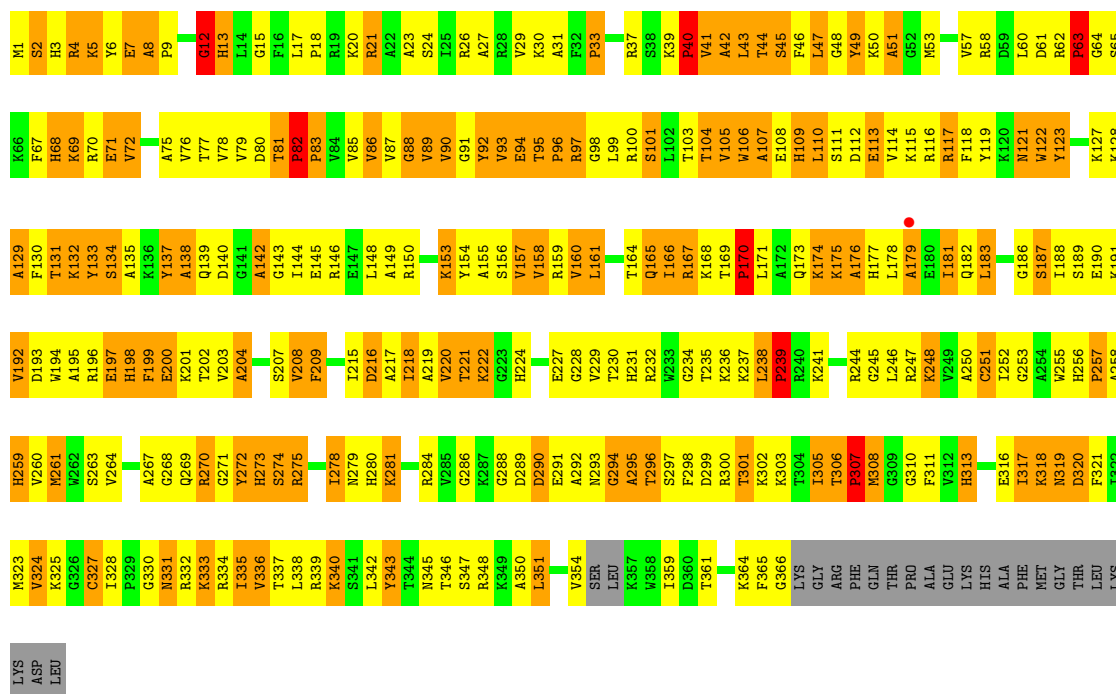
Chain BC:





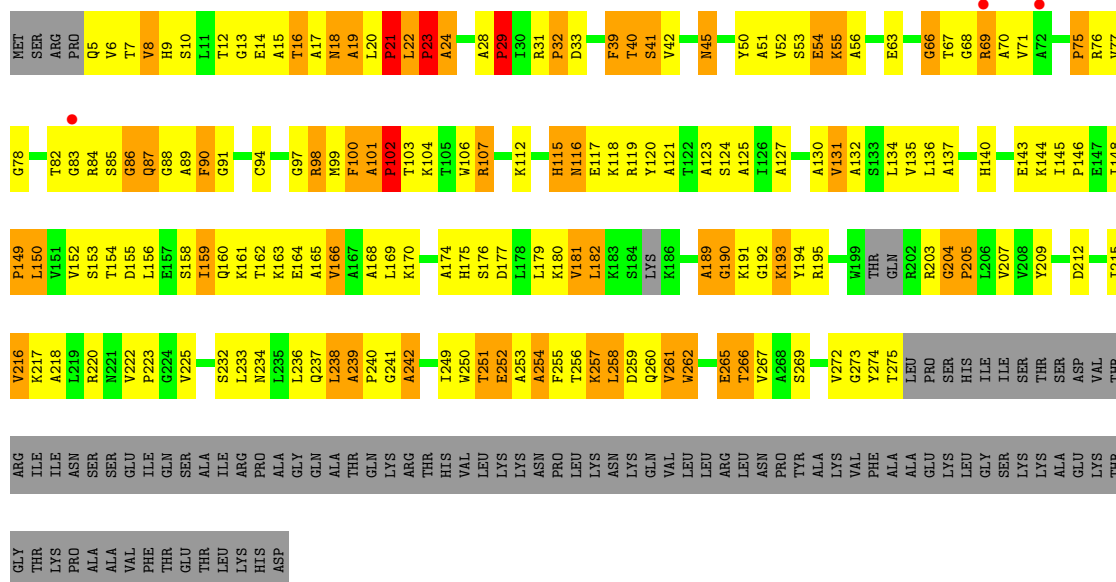
• Molecule 34: 60S ribosomal protein L3

Chain DC:



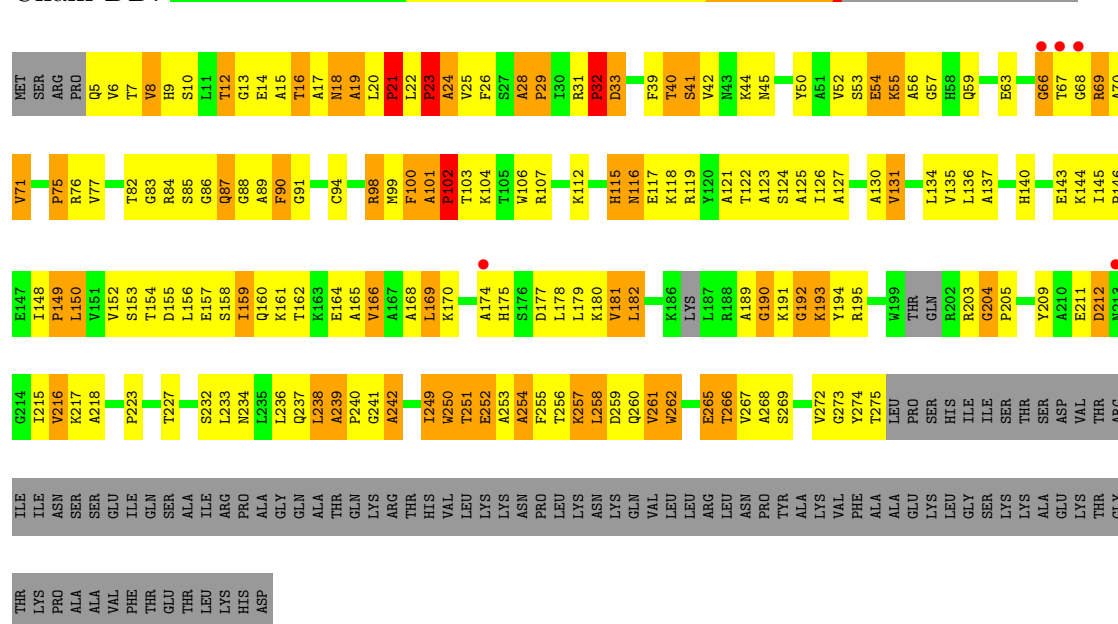
• Molecule 35: 60S ribosomal protein L4-A

Chain BD:



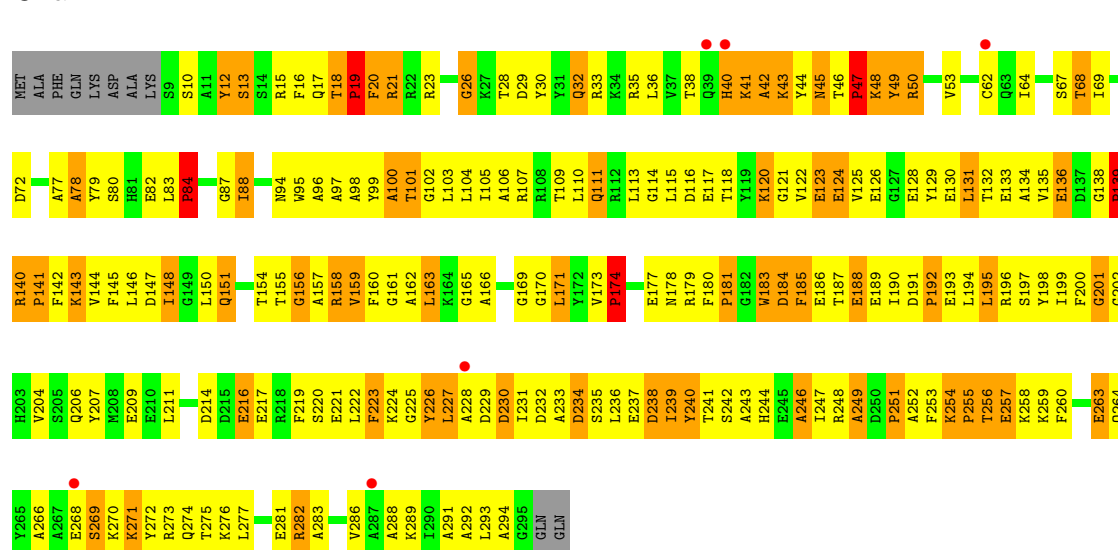
- Molecule 35: 60S ribosomal protein L4-A

Chain DD:



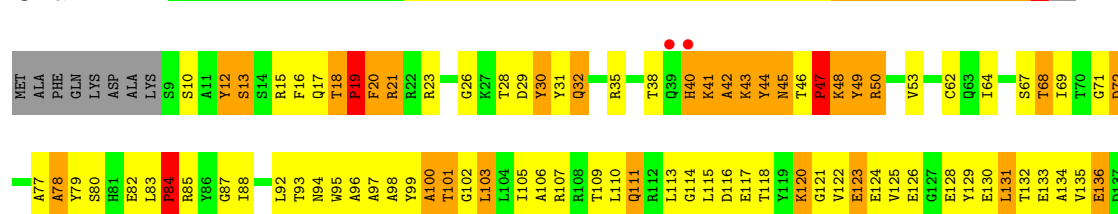
- Molecule 36: 60S ribosomal protein L5

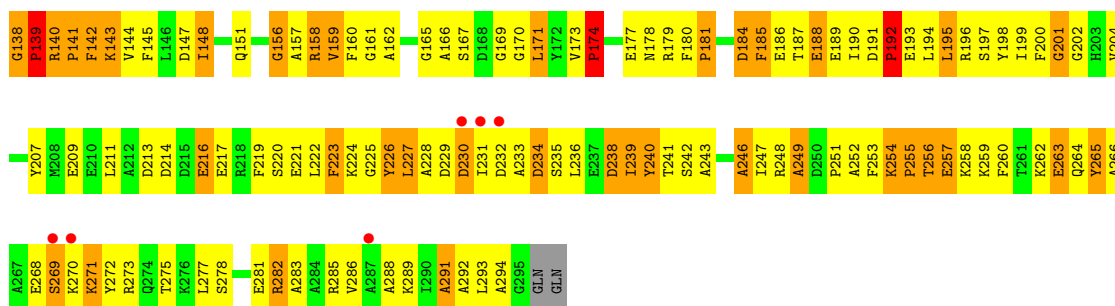
Chain BE:



- Molecule 36: 60S ribosomal protein L5

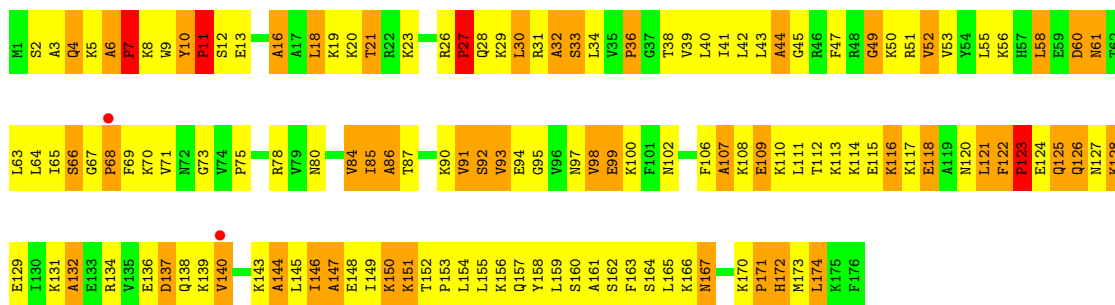
Chain DE:





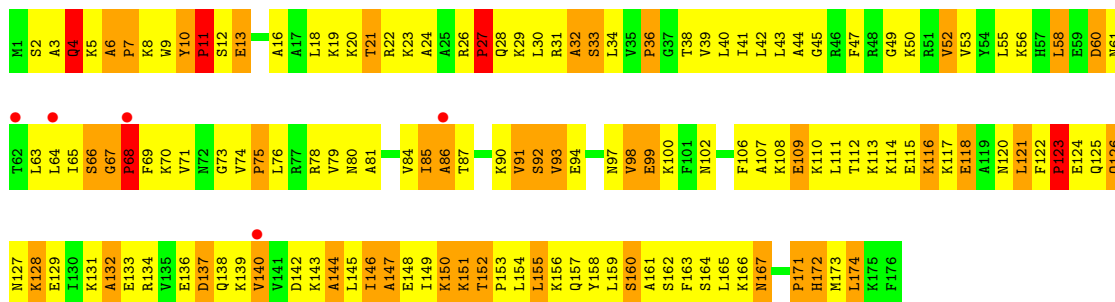
• Molecule 37: 60S ribosomal protein L6-A

Chain BF:



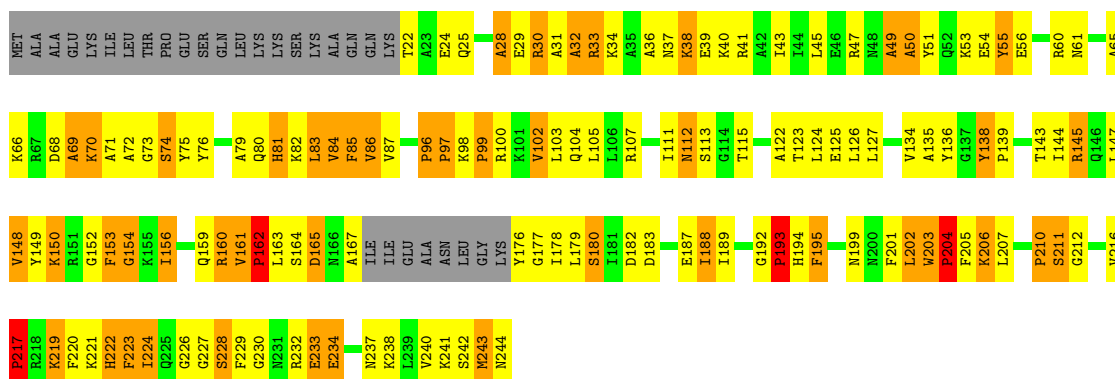
• Molecule 37: 60S ribosomal protein L6-A

Chain DF:

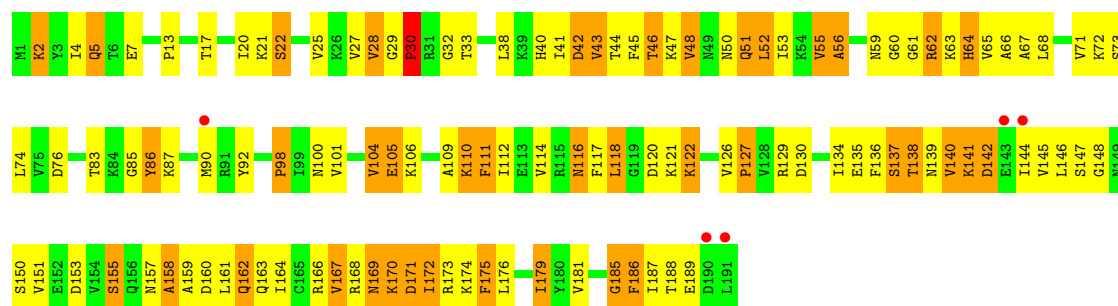


• Molecule 38: 60S ribosomal protein L7-A

Chain BG:

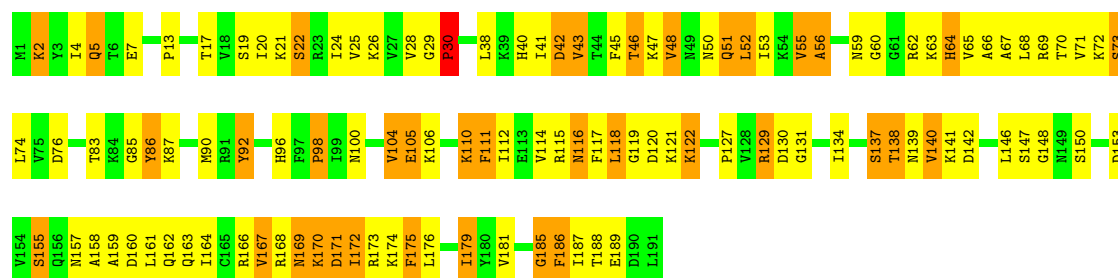






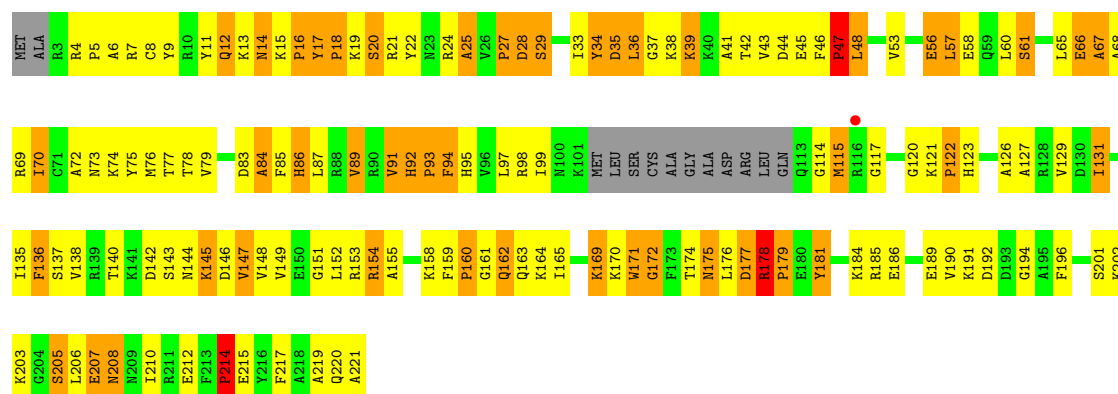
• Molecule 40: 60S ribosomal protein L9-A

Chain DI:



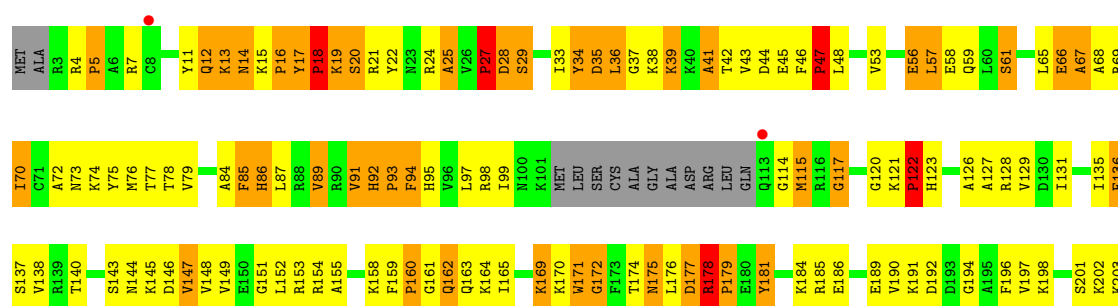
• Molecule 41: 60S ribosomal protein L10

Chain BJ:



• Molecule 41: 60S ribosomal protein L10

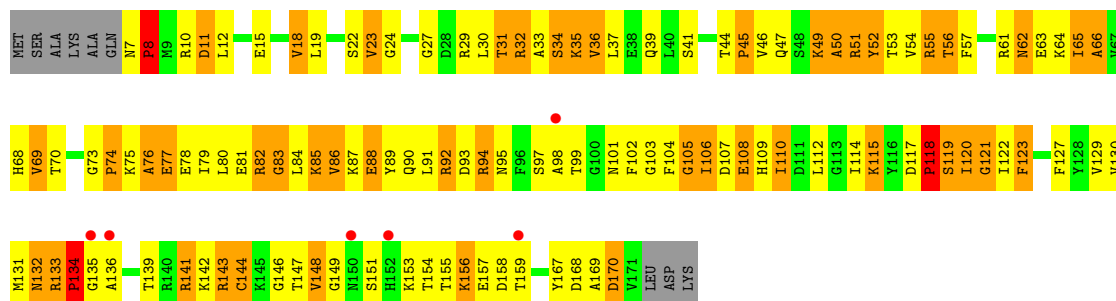
Chain DJ:





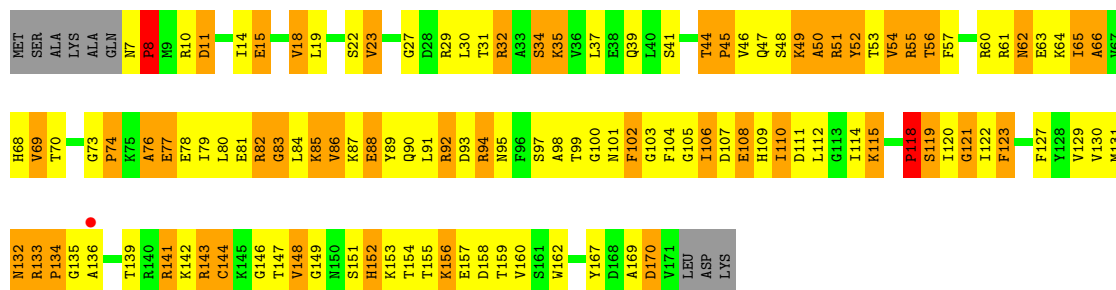
• Molecule 42: 60S ribosomal protein L11-A

Chain BK:



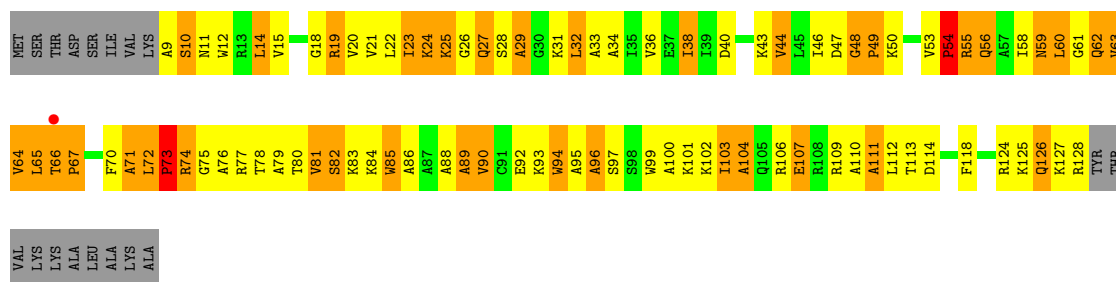
• Molecule 42: 60S ribosomal protein L11-A

Chain DK:



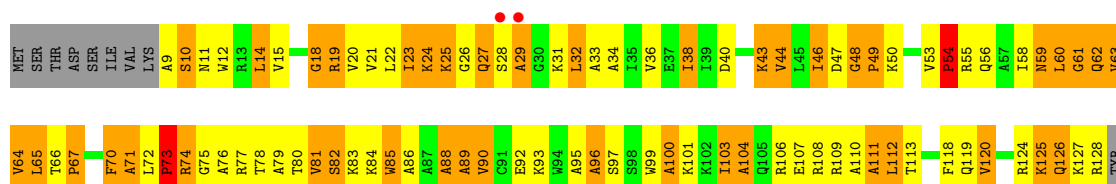
• Molecule 43: 60S ribosomal protein L14-A

Chain BN:



• Molecule 43: 60S ribosomal protein L14-A

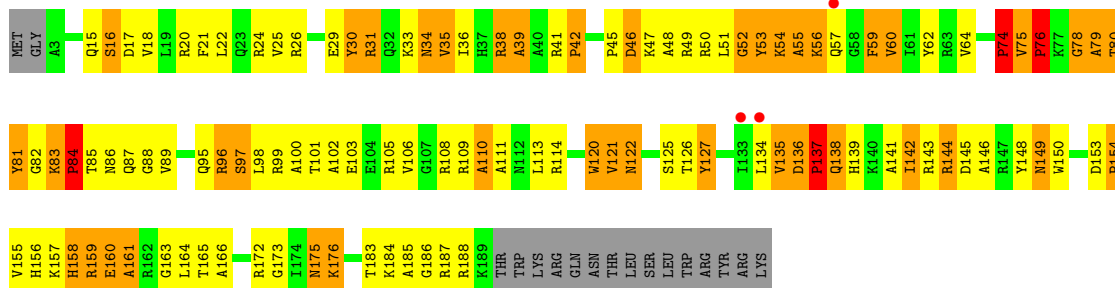
Chain DN:



THR
VAL
LYS
LYS
ALA
LEU
LYS
ALA

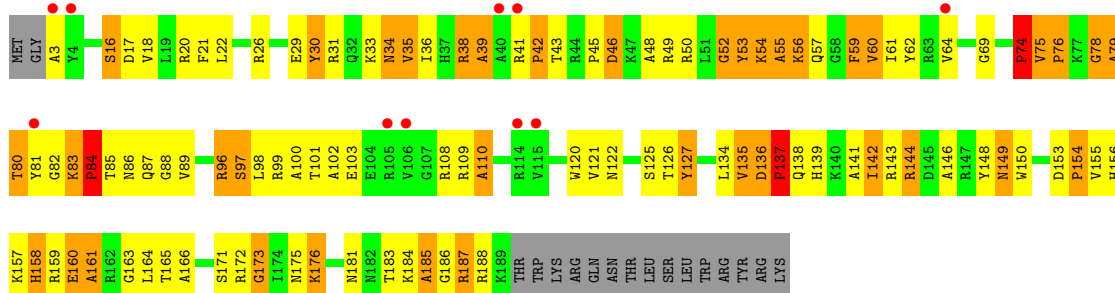
- Molecule 44: 60S ribosomal protein L15-A

Chain BO:



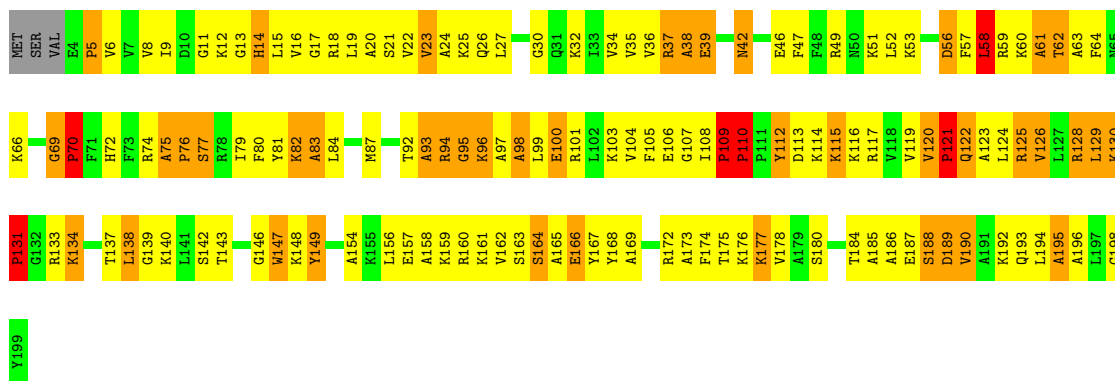
- Molecule 44: 60S ribosomal protein L15-A

Chain DO:



- Molecule 45: 60S ribosomal protein L16-A

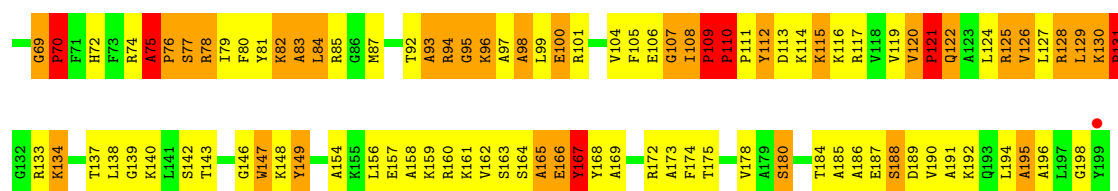
Chain BP:



- Molecule 45: 60S ribosomal protein L16-A

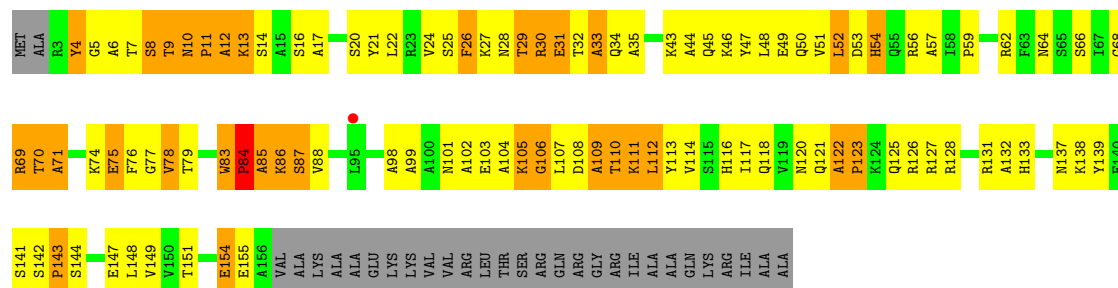
Chain DP:





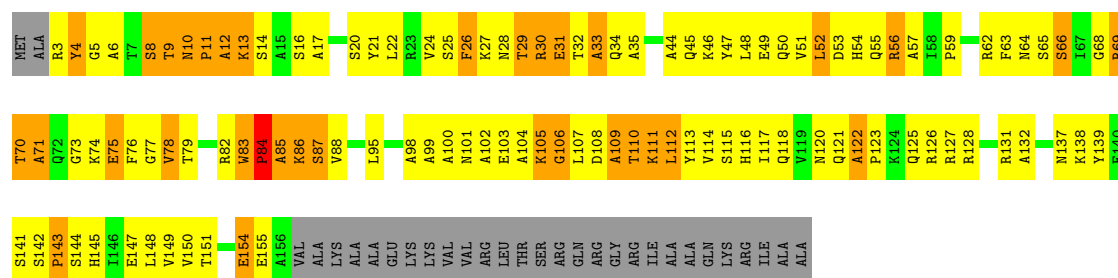
• Molecule 46: 60S ribosomal protein L17-A

Chain BQ:



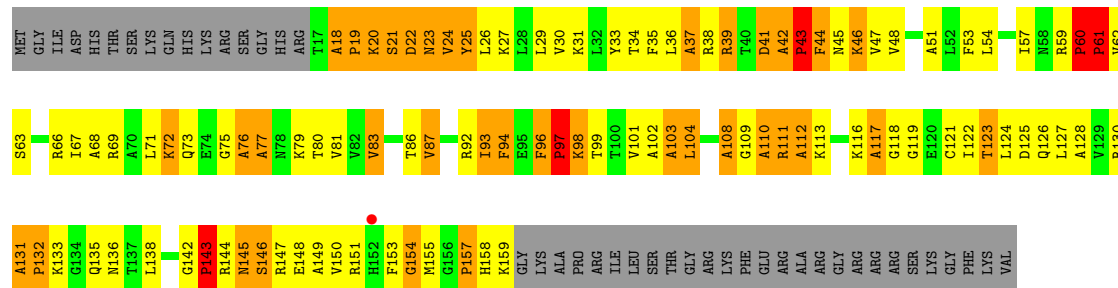
• Molecule 46: 60S ribosomal protein L17-A

Chain DQ:



• Molecule 47: 60S ribosomal protein L18

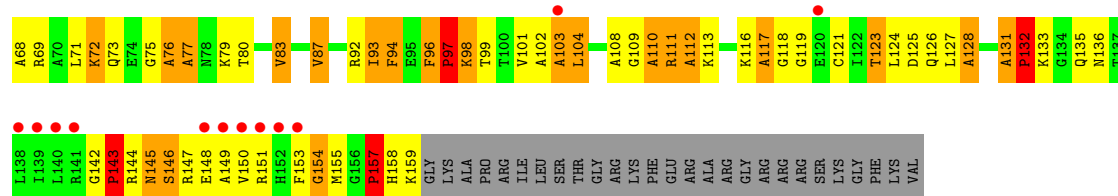
Chain BR:



• Molecule 47: 60S ribosomal protein L18

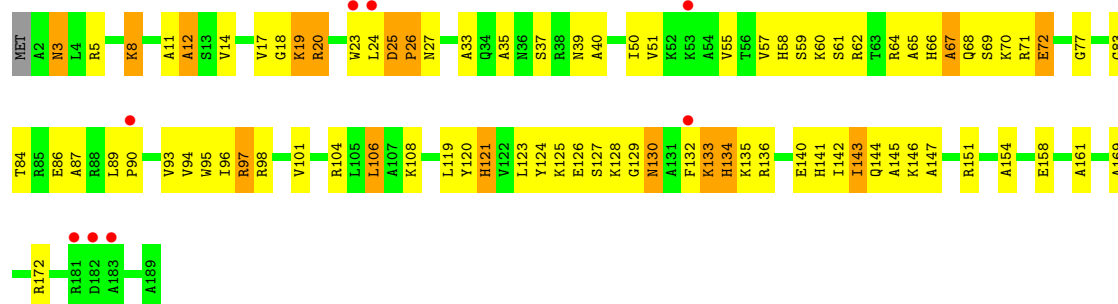
Chain DR:





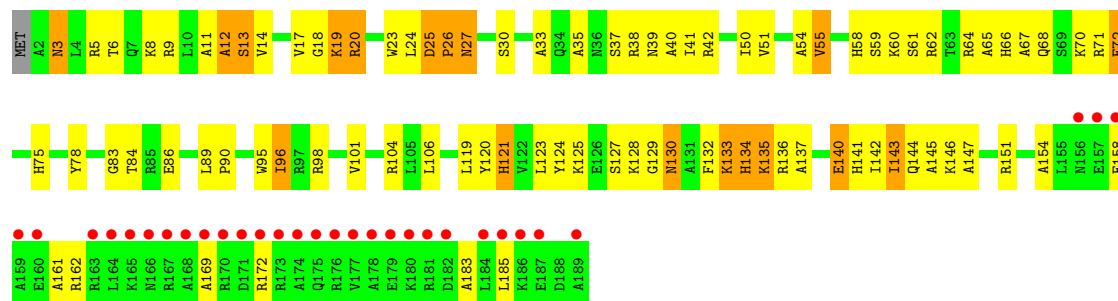
• Molecule 48: 60S ribosomal protein L19

Chain BS:



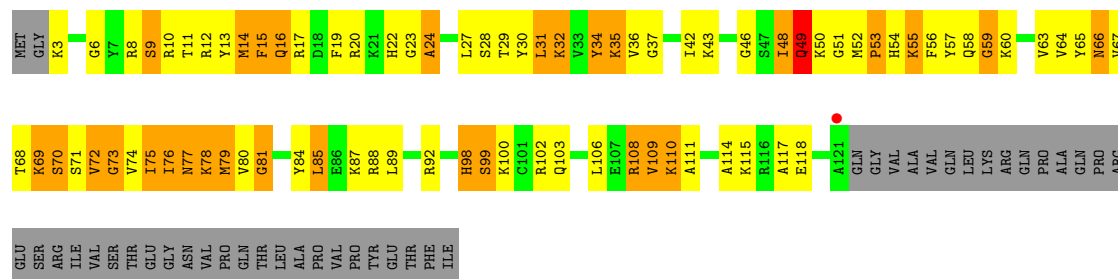
• Molecule 48: 60S ribosomal protein L19

Chain DS:



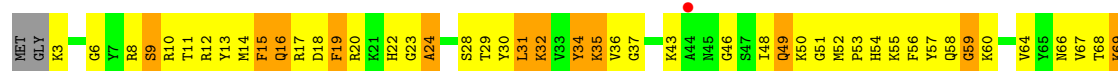
• Molecule 49: 60S ribosomal protein L21-A

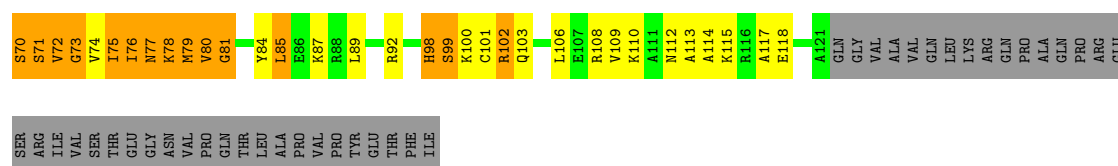
Chain BT:



• Molecule 49: 60S ribosomal protein L21-A

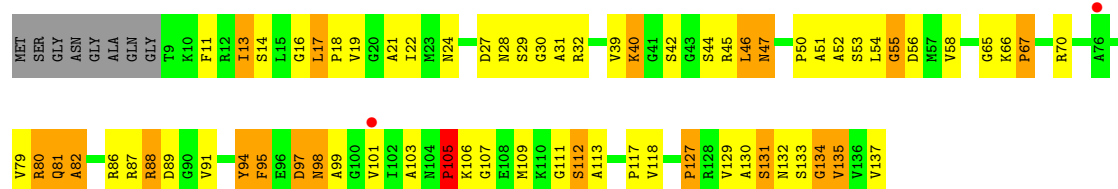
Chain DT:





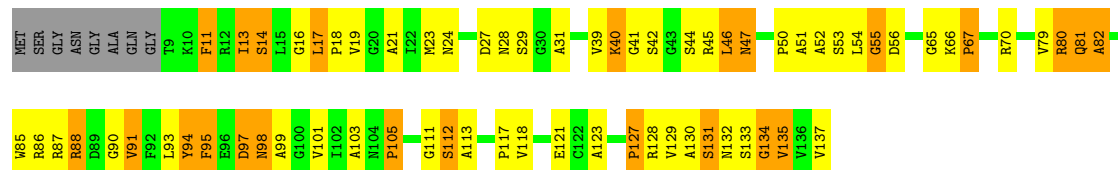
- Molecule 50: 60S ribosomal protein L23

Chain BU:



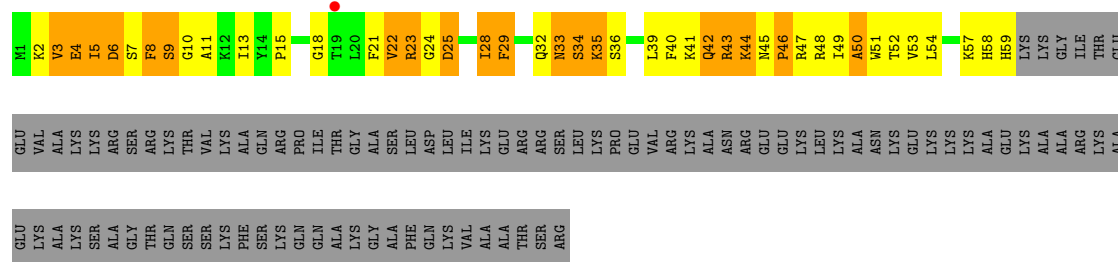
- Molecule 50: 60S ribosomal protein L23

Chain DU:



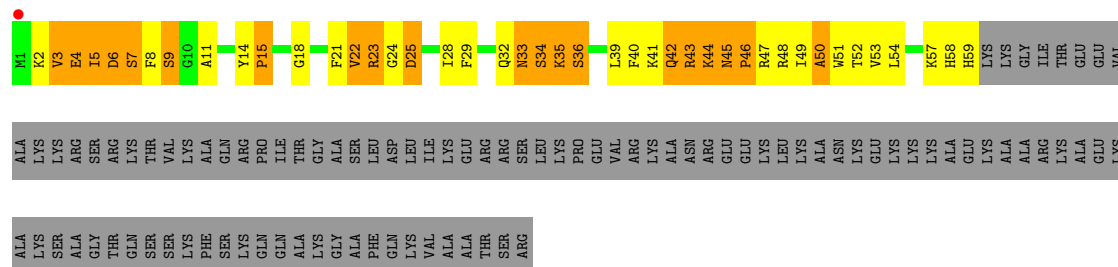
- Molecule 51: 60S ribosomal protein L24-A

Chain BV:



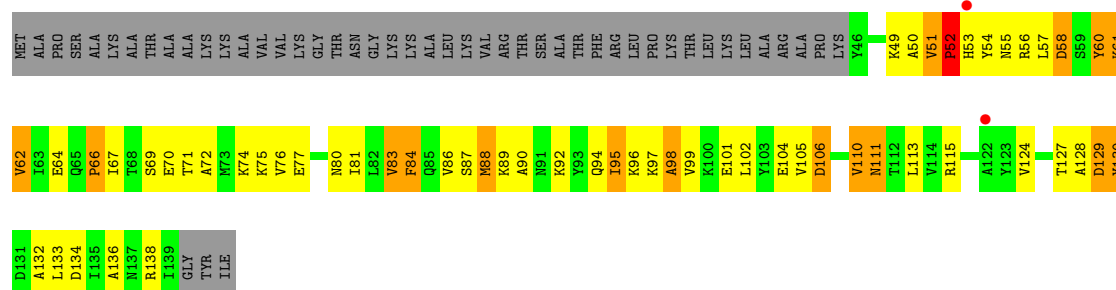
- Molecule 51: 60S ribosomal protein L24-A

Chain DV:



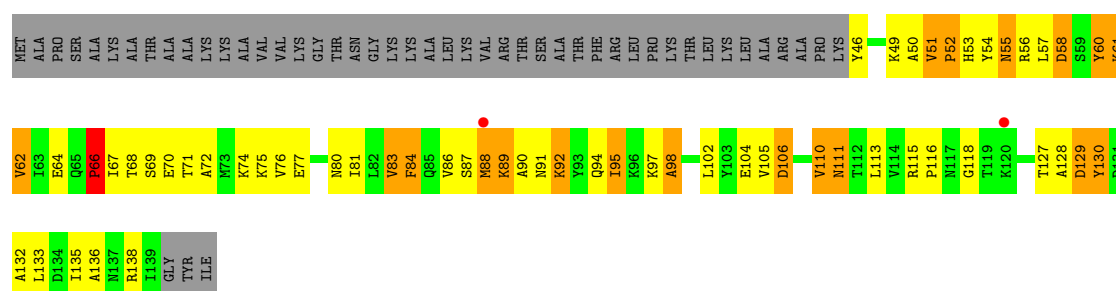
- Molecule 52: 60S ribosomal protein L25

Chain BW:



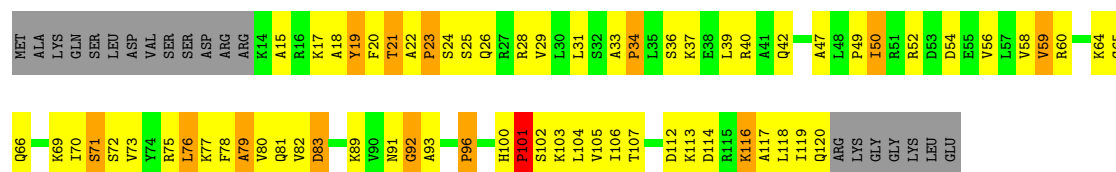
- Molecule 52: 60S ribosomal protein L25

Chain DW:



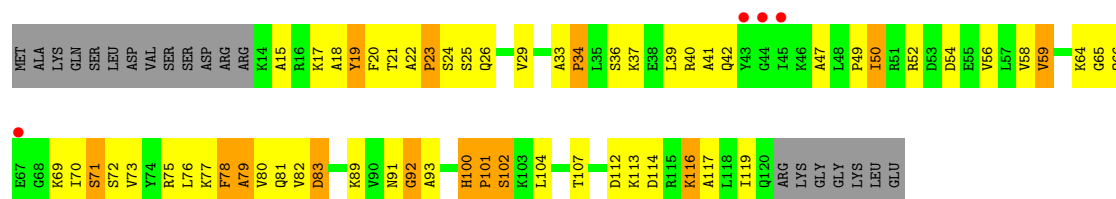
- Molecule 53: 60S ribosomal protein L26-A

Chain BX:



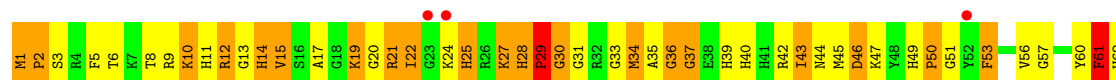
- Molecule 53: 60S ribosomal protein L26-A

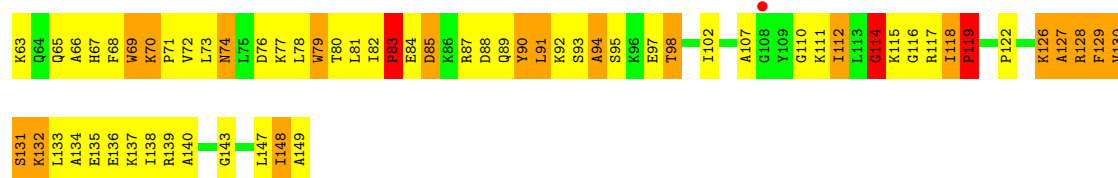
Chain DX:



- Molecule 54: 60S ribosomal protein L28

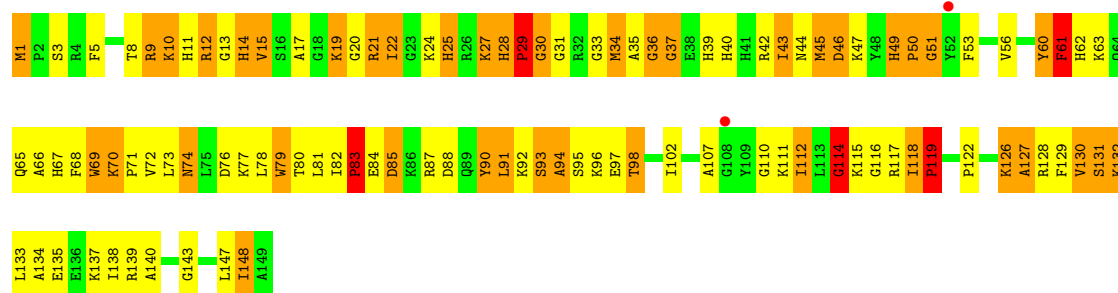
Chain BY:





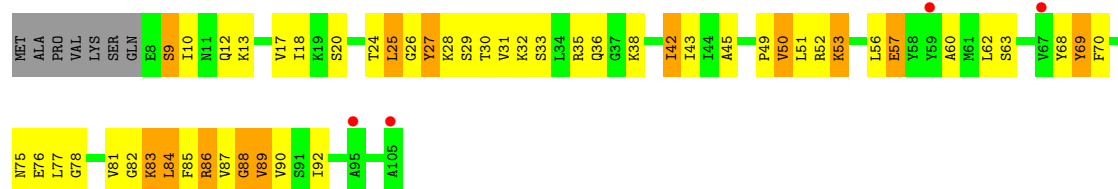
- Molecule 54: 60S ribosomal protein L28

Chain DY:



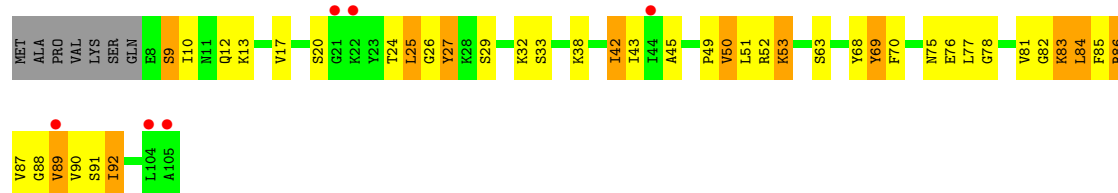
- Molecule 55: 60S ribosomal protein L30

Chain BZ:



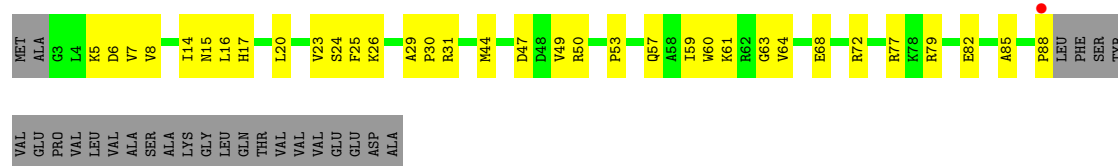
- Molecule 55: 60S ribosomal protein L30

Chain DZ:



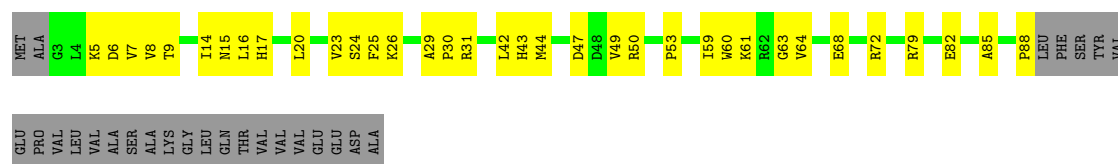
- Molecule 56: 60S ribosomal protein L31-A

Chain Ba:



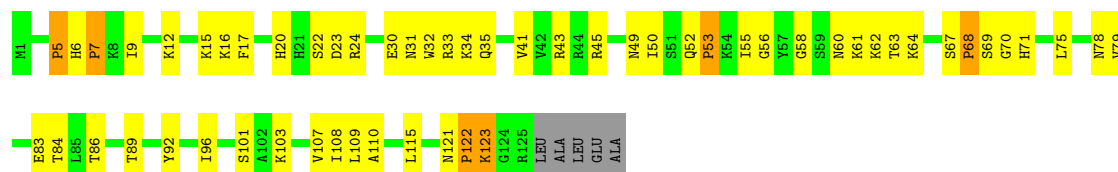
- Molecule 56: 60S ribosomal protein L31-A

Chain Da:



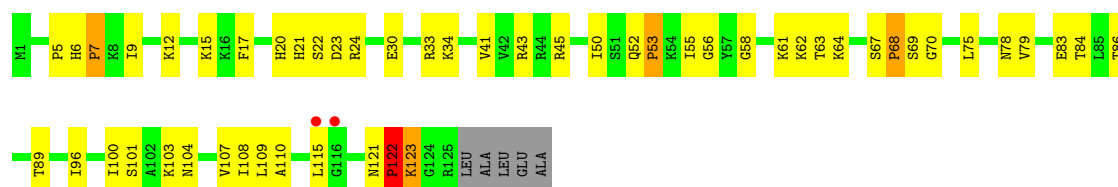
- Molecule 57: 60S ribosomal protein L32

Chain Bb:



- Molecule 57: 60S ribosomal protein L32

Chain Db:



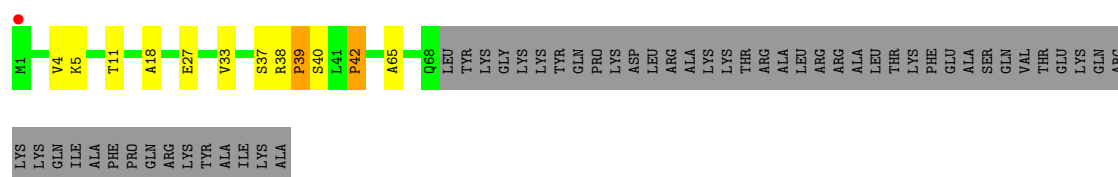
- Molecule 58: 60S ribosomal protein L35

Chain Bc:



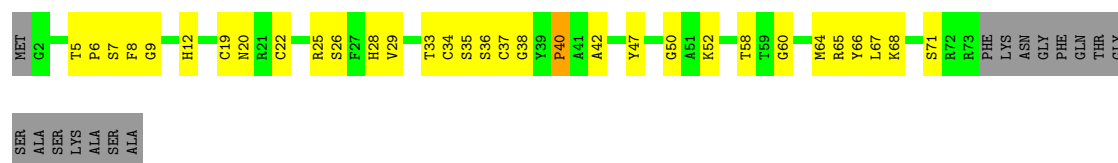
- Molecule 58: 60S ribosomal protein L35

Chain Dc:



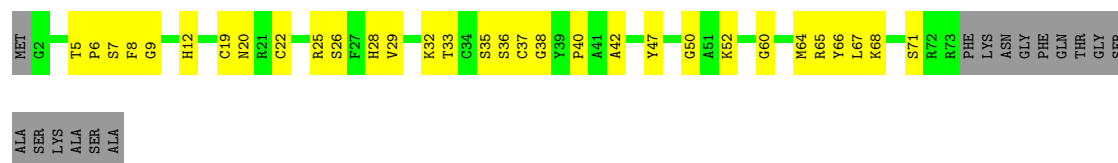
- Molecule 59: 60S ribosomal protein L37-A

Chain Bd:



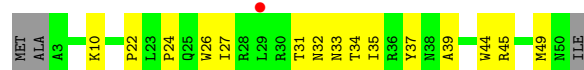
- Molecule 59: 60S ribosomal protein L37-A

Chain Dd:



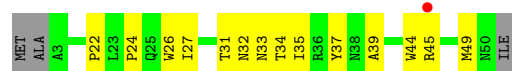
- Molecule 60: 60S ribosomal protein L39

Chain Be:



- Molecule 60: 60S ribosomal protein L39

Chain De:



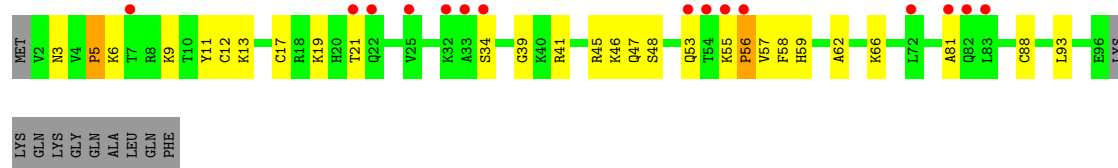
- Molecule 61: 60S ribosomal protein L42

Chain Bf:



- Molecule 61: 60S ribosomal protein L42

Chain Df:



- Molecule 62: 60S ribosomal protein L43

Chain Bg:



- Molecule 62: 60S ribosomal protein L43

Chain Dg:



- Molecule 63: Unassigned secondary structure

Chain Bh: 

There are no outlier residues recorded for this chain.

- Molecule 63: Unassigned secondary structure

Chain Dh: 

There are no outlier residues recorded for this chain.

- Molecule 64: Unassigned secondary structure

Chain Bi: 

There are no outlier residues recorded for this chain.

- Molecule 64: Unassigned secondary structure

Chain Di: 

There are no outlier residues recorded for this chain.

- Molecule 65: Unassigned secondary structure

Chain Bk: 

There are no outlier residues recorded for this chain.

- Molecule 65: Unassigned secondary structure

Chain Dk: 

There are no outlier residues recorded for this chain.

- Molecule 66: Unassigned secondary structure

Chain Bl: 

There are no outlier residues recorded for this chain.

- Molecule 67: Unassigned secondary structure

Chain Bm: 

There are no outlier residues recorded for this chain.

- Molecule 68: Unassigned secondary structure

Chain Bn: 

There are no outlier residues recorded for this chain.

- Molecule 69: Unassigned secondary structure

Chain Bp: 

There are no outlier residues recorded for this chain.

- Molecule 70: Unassigned secondary structure

Chain Bq: _____

There are no outlier residues recorded for this chain.

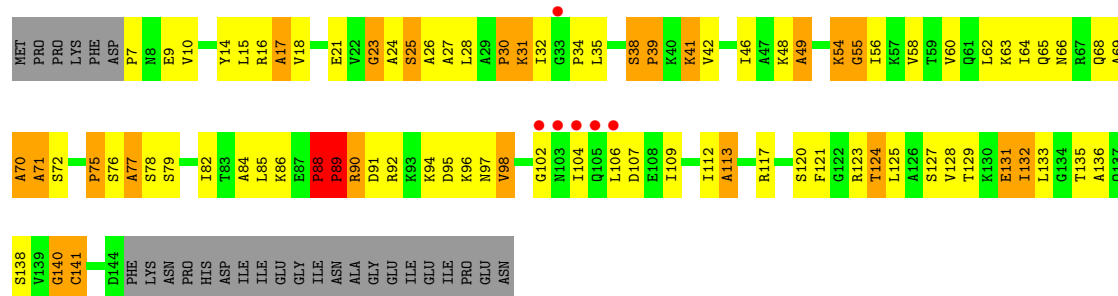
- Molecule 71: Unassigned secondary structure

Chain Br: _____

There are no outlier residues recorded for this chain.

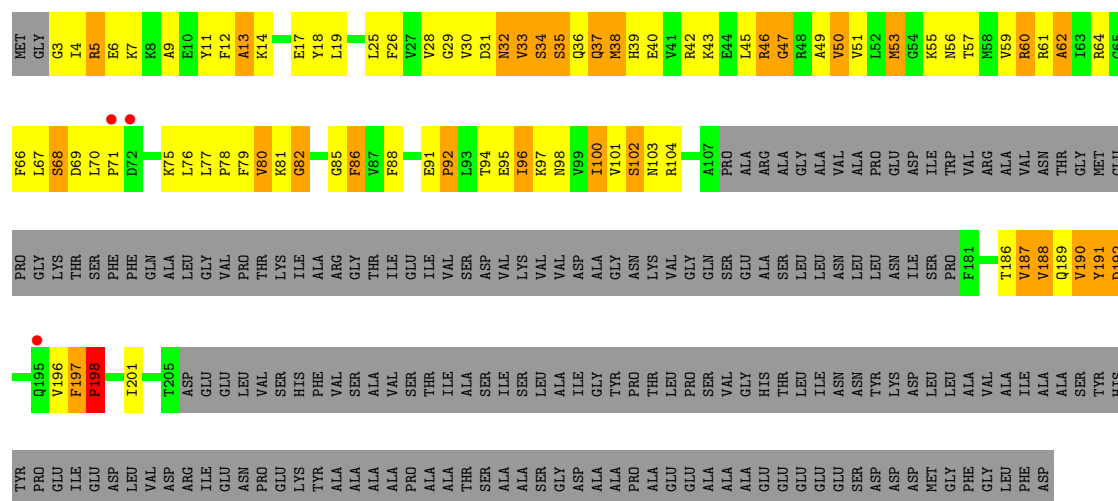
- Molecule 72: 60S ribosomal protein L12

Chain DL:



- Molecule 73: 60S acidic ribosomal protein P0

Chain DM: 



4 Data and refinement statistics

| Property | Value | Source |
|---|---|------------------|
| Space group | P 1 21 1 | Depositor |
| Cell constants a, b, c, α , β , γ | 437.11Å 288.38Å 306.56Å 90.00° 99.13° 90.00° | Depositor |
| Resolution (Å) | 268.00 – 4.00 268.66 – 4.00 | Depositor EDS |
| % Data completeness (in resolution range) | (Not available) (268.00-4.00) 97.9 (268.66-4.00) | Depositor EDS |
| R_{merge} | (Not available) | Depositor |
| R_{sym} | (Not available) | Depositor |
| $\langle I/\sigma(I) \rangle$ ¹ | 1.57 (at 4.02Å) | Xtriage |
| Refinement program | Phenix | Depositor |
| R, R_{free} | 0.278 , 0.341 0.336 , 0.382 | Depositor DCC |
| R_{free} test set | 5852 reflections (0.95%) | DCC |
| Wilson B-factor (Å ²) | 147.1 | Xtriage |
| Anisotropy | 0.257 | Xtriage |
| Bulk solvent k_{sol} (e/Å ³), B_{sol} (Å ²) | 0.21 , 252.2 | EDS |
| Estimated twinning fraction | No twinning to report. | Xtriage |
| L-test for twinning | $\langle L \rangle = 0.42$, $\langle L^2 \rangle = 0.25$ | Xtriage |
| Outliers | 0 of 617642 reflections | Xtriage |
| F_o, F_c correlation | 0.87 | EDS |
| Total number of atoms | 309610 | wwPDB-VP |
| Average B, all atoms (Å ²) | 139.0 | wwPDB-VP |

Xtriage's analysis on translational NCS is as follows: *The largest off-origin peak in the Patterson function is 1.68% of the height of the origin peak. No significant pseudotranslation is detected.*

¹Intensities estimated from amplitudes.

5 Model quality ⓘ

5.1 Standard geometry ⓘ

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

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 | A1 | 0.77 | 20/42619 (0.0%) | 1.32 | 552/66408 (0.8%) |
| 1 | C1 | 0.83 | 25/42619 (0.1%) | 1.37 | 627/66408 (0.9%) |
| 2 | AA | 0.45 | 0/1089 | 0.86 | 16/1517 (1.1%) |
| 2 | CA | 0.50 | 0/1089 | 0.87 | 15/1517 (1.0%) |
| 3 | AB | 0.54 | 0/1073 | 0.91 | 13/1488 (0.9%) |
| 3 | CB | 0.56 | 0/1073 | 0.91 | 10/1488 (0.7%) |
| 4 | AC | 0.50 | 0/927 | 0.68 | 4/1286 (0.3%) |
| 4 | CC | 0.47 | 0/927 | 0.67 | 4/1286 (0.3%) |
| 5 | AD | 0.45 | 0/834 | 0.71 | 5/1159 (0.4%) |
| 5 | CD | 0.50 | 0/834 | 0.79 | 5/1159 (0.4%) |
| 6 | AE | 0.49 | 0/775 | 0.70 | 3/1077 (0.3%) |
| 6 | CE | 0.53 | 0/775 | 0.73 | 3/1077 (0.3%) |
| 7 | AF | 0.60 | 0/381 | 0.88 | 3/530 (0.6%) |
| 7 | CF | 0.59 | 0/381 | 0.90 | 4/530 (0.8%) |
| 8 | AG | 0.51 | 0/579 | 0.78 | 5/806 (0.6%) |
| 8 | CG | 0.52 | 0/579 | 0.79 | 5/806 (0.6%) |
| 9 | AH | 0.43 | 0/626 | 0.71 | 4/867 (0.5%) |
| 9 | CH | 0.44 | 0/626 | 0.72 | 4/867 (0.5%) |
| 10 | AI | 0.45 | 0/595 | 0.90 | 8/826 (1.0%) |
| 10 | CI | 0.52 | 0/595 | 0.91 | 7/826 (0.8%) |
| 11 | AJ | 0.49 | 0/657 | 0.78 | 5/911 (0.5%) |
| 11 | CJ | 0.55 | 0/657 | 0.81 | 5/911 (0.5%) |
| 12 | AK | 0.44 | 0/331 | 0.74 | 2/460 (0.4%) |
| 12 | CK | 0.41 | 0/331 | 0.70 | 2/460 (0.4%) |
| 13 | AL | 0.47 | 0/589 | 0.70 | 2/816 (0.2%) |
| 13 | CL | 0.50 | 0/589 | 0.72 | 2/816 (0.2%) |
| 14 | AM | 0.54 | 0/518 | 0.83 | 3/715 (0.4%) |
| 14 | CM | 0.68 | 1/518 (0.2%) | 0.89 | 3/715 (0.4%) |
| 15 | AN | 0.51 | 0/550 | 0.84 | 5/766 (0.7%) |
| 15 | CN | 0.52 | 0/550 | 0.86 | 5/766 (0.7%) |
| 16 | AO | 0.53 | 0/621 | 0.83 | 3/860 (0.3%) |
| 16 | CO | 0.56 | 0/621 | 0.85 | 3/860 (0.3%) |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|------------------|-------------|--------------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| 17 | AP | 0.61 | 0/565 | 0.92 | 4/781 (0.5%) |
| 17 | CP | 0.68 | 0/565 | 0.97 | 5/781 (0.6%) |
| 18 | AQ | 0.41 | 0/331 | 0.68 | 2/460 (0.4%) |
| 18 | CQ | 0.44 | 0/311 | 0.74 | 2/432 (0.5%) |
| 19 | AR | 0.40 | 0/229 | 0.63 | 1/316 (0.3%) |
| 19 | CR | 0.42 | 0/229 | 0.68 | 1/316 (0.3%) |
| 20 | AS | 0.54 | 0/189 | 0.70 | 0/260 |
| 20 | CS | 0.58 | 0/189 | 0.73 | 0/260 |
| 21 | AT | 0.43 | 0/1541 | 0.61 | 8/2141 (0.4%) |
| 21 | CT | 0.45 | 0/1541 | 0.61 | 8/2141 (0.4%) |
| 29 | B1 | 1.11 | 229/76764 (0.3%) | 1.79 | 2866/119684 (2.4%) |
| 29 | D1 | 1.08 | 218/76764 (0.3%) | 1.75 | 2607/119684 (2.2%) |
| 30 | B2 | 1.06 | 8/2883 (0.3%) | 1.70 | 90/4491 (2.0%) |
| 30 | D2 | 1.17 | 10/2883 (0.3%) | 1.84 | 112/4491 (2.5%) |
| 31 | B3 | 0.91 | 6/3746 (0.2%) | 1.41 | 64/5832 (1.1%) |
| 31 | D3 | 0.79 | 1/3746 (0.0%) | 1.28 | 40/5832 (0.7%) |
| 32 | BA | 0.34 | 0/1054 | 0.63 | 9/1468 (0.6%) |
| 32 | DA | 0.33 | 0/1054 | 0.61 | 9/1468 (0.6%) |
| 33 | BB | 0.62 | 0/1103 | 0.92 | 11/1501 (0.7%) |
| 33 | DB | 0.53 | 0/1103 | 0.87 | 11/1501 (0.7%) |
| 34 | BC | 0.70 | 0/1790 | 1.05 | 9/2487 (0.4%) |
| 34 | DC | 0.76 | 0/1790 | 1.08 | 12/2487 (0.5%) |
| 35 | BD | 0.67 | 0/1311 | 0.95 | 9/1817 (0.5%) |
| 35 | DD | 0.55 | 0/1311 | 0.90 | 12/1817 (0.7%) |
| 36 | BE | 0.53 | 0/1411 | 0.93 | 9/1960 (0.5%) |
| 36 | DE | 0.59 | 0/1411 | 0.97 | 9/1960 (0.5%) |
| 37 | BF | 0.76 | 0/872 | 1.20 | 10/1215 (0.8%) |
| 37 | DF | 0.85 | 0/872 | 1.21 | 12/1215 (1.0%) |
| 38 | BG | 0.73 | 0/1059 | 1.06 | 8/1471 (0.5%) |
| 38 | DG | 0.75 | 0/1059 | 1.05 | 9/1471 (0.6%) |
| 39 | BH | 0.48 | 0/855 | 0.79 | 6/1190 (0.5%) |
| 39 | DH | 0.45 | 0/855 | 0.76 | 6/1190 (0.5%) |
| 40 | BI | 0.64 | 0/941 | 0.86 | 4/1308 (0.3%) |
| 40 | DI | 0.73 | 0/941 | 0.92 | 5/1308 (0.4%) |
| 41 | BJ | 0.66 | 0/1025 | 0.89 | 8/1424 (0.6%) |
| 41 | DJ | 0.71 | 0/1025 | 0.91 | 9/1424 (0.6%) |
| 42 | BK | 0.56 | 0/809 | 0.86 | 5/1122 (0.4%) |
| 42 | DK | 0.61 | 0/809 | 0.87 | 4/1122 (0.4%) |
| 43 | BN | 0.71 | 0/592 | 1.05 | 6/823 (0.7%) |
| 43 | DN | 0.82 | 0/592 | 1.14 | 6/823 (0.7%) |
| 44 | BO | 0.59 | 0/922 | 0.88 | 7/1282 (0.5%) |
| 44 | DO | 0.51 | 0/922 | 0.86 | 7/1282 (0.5%) |
| 45 | BP | 0.80 | 0/966 | 1.12 | 10/1343 (0.7%) |

| Mol | Chain | Bond lengths | | Bond angles | |
|-----|-------|--------------|-------------------|-------------|--------------------|
| | | RMSZ | # Z >5 | RMSZ | # Z >5 |
| 45 | DP | 0.84 | 1/966 (0.1%) | 1.14 | 12/1343 (0.9%) |
| 46 | BQ | 0.72 | 0/760 | 0.94 | 5/1057 (0.5%) |
| 46 | DQ | 0.65 | 0/760 | 0.87 | 4/1057 (0.4%) |
| 47 | BR | 0.70 | 0/705 | 1.00 | 6/980 (0.6%) |
| 47 | DR | 0.60 | 0/705 | 0.94 | 7/980 (0.7%) |
| 48 | BS | 0.52 | 0/930 | 0.63 | 2/1295 (0.2%) |
| 48 | DS | 0.48 | 0/930 | 0.58 | 2/1295 (0.2%) |
| 49 | BT | 0.68 | 0/585 | 0.85 | 0/812 |
| 49 | DT | 0.70 | 0/585 | 0.87 | 0/812 |
| 50 | BU | 0.63 | 0/630 | 0.86 | 5/872 (0.6%) |
| 50 | DU | 0.75 | 0/630 | 0.93 | 5/872 (0.6%) |
| 51 | BV | 0.54 | 0/290 | 0.84 | 2/402 (0.5%) |
| 51 | DV | 0.58 | 0/290 | 0.85 | 2/402 (0.5%) |
| 52 | BW | 0.55 | 0/467 | 0.84 | 2/651 (0.3%) |
| 52 | DW | 0.49 | 0/467 | 0.81 | 3/651 (0.5%) |
| 53 | BX | 0.55 | 0/529 | 0.78 | 4/736 (0.5%) |
| 53 | DX | 0.49 | 0/529 | 0.74 | 3/736 (0.4%) |
| 54 | BY | 0.70 | 0/726 | 1.10 | 9/1004 (0.9%) |
| 54 | DY | 0.62 | 0/726 | 1.03 | 8/1004 (0.8%) |
| 55 | BZ | 0.49 | 0/480 | 0.62 | 1/665 (0.2%) |
| 55 | DZ | 0.46 | 0/480 | 0.62 | 1/665 (0.2%) |
| 56 | Ba | 0.62 | 0/424 | 0.94 | 3/589 (0.5%) |
| 56 | Da | 0.59 | 0/424 | 0.92 | 3/589 (0.5%) |
| 57 | Bb | 0.72 | 0/617 | 1.13 | 6/858 (0.7%) |
| 57 | Db | 0.61 | 0/617 | 1.07 | 6/858 (0.7%) |
| 58 | Bc | 0.53 | 0/338 | 0.82 | 2/471 (0.4%) |
| 58 | Dc | 0.45 | 0/338 | 0.74 | 2/471 (0.4%) |
| 59 | Bd | 0.63 | 0/351 | 0.97 | 2/485 (0.4%) |
| 59 | Dd | 0.54 | 0/351 | 0.89 | 2/485 (0.4%) |
| 60 | Be | 0.59 | 0/239 | 0.85 | 2/333 (0.6%) |
| 60 | De | 0.46 | 0/239 | 0.79 | 2/333 (0.6%) |
| 61 | Bf | 0.47 | 0/466 | 0.68 | 2/646 (0.3%) |
| 61 | Df | 0.39 | 0/466 | 0.66 | 2/646 (0.3%) |
| 62 | Bg | 0.53 | 0/406 | 0.74 | 1/562 (0.2%) |
| 62 | Dg | 0.49 | 0/406 | 0.67 | 0/562 |
| 72 | DL | 0.42 | 0/678 | 0.75 | 7/941 (0.7%) |
| 73 | DM | 0.48 | 0/639 | 0.76 | 4/886 (0.5%) |
| All | All | 0.92 | 519/326627 (0.2%) | 1.50 | 7498/496371 (1.5%) |

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 | AB | 0 | 2 |
| 3 | CB | 0 | 2 |
| 17 | AP | 0 | 1 |
| 17 | CP | 0 | 1 |
| 18 | AQ | 0 | 1 |
| 18 | CQ | 0 | 1 |
| 22 | Bo | 0 | 1 |
| 23 | Ab | 0 | 1 |
| 23 | Cb | 0 | 1 |
| 24 | Ac | 0 | 1 |
| 29 | B1 | 0 | 3 |
| 29 | D1 | 0 | 3 |
| 34 | BC | 0 | 5 |
| 34 | DC | 0 | 6 |
| 35 | BD | 0 | 1 |
| 35 | DD | 0 | 2 |
| 36 | BE | 0 | 1 |
| 36 | DE | 0 | 1 |
| 37 | BF | 0 | 4 |
| 37 | DF | 0 | 4 |
| 38 | BG | 0 | 1 |
| 38 | DG | 0 | 1 |
| 42 | BK | 0 | 1 |
| 42 | DK | 0 | 1 |
| 44 | DO | 0 | 1 |
| 45 | BP | 0 | 4 |
| 45 | DP | 0 | 5 |
| 49 | BT | 0 | 1 |
| 49 | DT | 0 | 1 |
| 51 | BV | 0 | 1 |
| 51 | DV | 0 | 1 |
| 54 | BY | 0 | 2 |
| 54 | DY | 0 | 2 |
| 56 | Ba | 0 | 1 |
| 56 | Da | 0 | 1 |
| 57 | Bb | 0 | 1 |
| 57 | Db | 0 | 1 |
| All | All | 0 | 68 |

The worst 5 of 519 bond length outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(Å) | Ideal(Å) |
|-----|-------|------|------|-------|-------|-------------|----------|
| 29 | D1 | 3243 | A | N9-C4 | 13.96 | 1.46 | 1.37 |

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| Mol | Chain | Res | Type | Atoms | Z | Observed(Å) | Ideal(Å) |
|-----|-------|------|------|-------|--------|-------------|----------|
| 29 | D1 | 308 | A | C6-N1 | -13.36 | 1.26 | 1.35 |
| 29 | B1 | 3184 | A | C6-N1 | -12.55 | 1.26 | 1.35 |
| 29 | B1 | 308 | A | C6-N1 | -11.80 | 1.27 | 1.35 |
| 29 | D1 | 2845 | A | C6-N1 | -11.64 | 1.27 | 1.35 |

The worst 5 of 7498 bond angle outliers are listed below:

| Mol | Chain | Res | Type | Atoms | Z | Observed(°) | Ideal(°) |
|-----|-------|------|------|----------|-------|-------------|----------|
| 29 | D1 | 244 | G | N1-C6-O6 | 43.40 | 145.94 | 119.90 |
| 29 | B1 | 244 | G | N1-C6-O6 | 41.87 | 145.02 | 119.90 |
| 29 | D1 | 2845 | A | N1-C6-N6 | 40.75 | 143.05 | 118.60 |
| 29 | D1 | 2845 | A | C6-N1-C2 | 39.78 | 142.47 | 118.60 |
| 29 | B1 | 2845 | A | N1-C6-N6 | 39.33 | 142.20 | 118.60 |

There are no chirality outliers.

5 of 68 planarity outliers are listed below:

| Mol | Chain | Res | Type | Group |
|-----|-------|-----|------|---------|
| 3 | AB | 224 | PHE | Peptide |
| 3 | AB | 225 | LEU | Peptide |
| 17 | AP | 28 | ASN | Peptide |
| 18 | AQ | 41 | ILE | Peptide |
| 23 | Ab | 14 | UNK | Peptide |

5.2 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 hydrogens added by MolProbity. The Clashes column lists the number of clashes within the asymmetric unit, and the number in parentheses is this value normalized per 1000 atoms of the molecule in the chain. The Symm-Clashes column gives symmetry related clashes, in the same way as for the Clashes column.

| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 1 | A1 | 38107 | 0 | 19170 | 5867 | 0 |
| 1 | C1 | 38107 | 0 | 19169 | 6035 | 0 |
| 2 | AA | 1090 | 0 | 508 | 112 | 0 |
| 2 | CA | 1090 | 0 | 508 | 119 | 0 |
| 3 | AB | 1074 | 0 | 502 | 131 | 0 |
| 3 | CB | 1074 | 0 | 502 | 141 | 0 |
| 4 | AC | 928 | 0 | 448 | 85 | 0 |

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| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 4 | CC | 928 | 0 | 448 | 89 | 0 |
| 5 | AD | 836 | 0 | 391 | 107 | 0 |
| 5 | CD | 836 | 0 | 391 | 111 | 0 |
| 6 | AE | 777 | 0 | 362 | 86 | 0 |
| 6 | CE | 777 | 0 | 362 | 89 | 0 |
| 7 | AF | 382 | 0 | 164 | 27 | 0 |
| 7 | CF | 382 | 0 | 164 | 25 | 0 |
| 8 | AG | 580 | 0 | 266 | 67 | 0 |
| 8 | CG | 580 | 0 | 266 | 61 | 0 |
| 9 | AH | 627 | 0 | 312 | 61 | 0 |
| 9 | CH | 627 | 0 | 312 | 77 | 0 |
| 10 | AI | 596 | 0 | 272 | 56 | 0 |
| 10 | CI | 596 | 0 | 272 | 71 | 0 |
| 11 | AJ | 658 | 0 | 307 | 80 | 0 |
| 11 | CJ | 658 | 0 | 307 | 83 | 0 |
| 12 | AK | 332 | 0 | 146 | 26 | 0 |
| 12 | CK | 332 | 0 | 146 | 21 | 0 |
| 13 | AL | 591 | 0 | 261 | 72 | 0 |
| 13 | CL | 591 | 0 | 261 | 77 | 0 |
| 14 | AM | 521 | 0 | 251 | 66 | 0 |
| 14 | CM | 521 | 0 | 251 | 67 | 0 |
| 15 | AN | 551 | 0 | 229 | 82 | 0 |
| 15 | CN | 551 | 0 | 229 | 77 | 0 |
| 16 | AO | 622 | 0 | 283 | 58 | 0 |
| 16 | CO | 622 | 0 | 283 | 51 | 0 |
| 17 | AP | 566 | 0 | 260 | 75 | 0 |
| 17 | CP | 566 | 0 | 260 | 74 | 0 |
| 18 | AQ | 332 | 0 | 149 | 16 | 0 |
| 18 | CQ | 312 | 0 | 135 | 17 | 0 |
| 19 | AR | 230 | 0 | 100 | 10 | 0 |
| 19 | CR | 230 | 0 | 100 | 11 | 0 |
| 20 | AS | 190 | 0 | 85 | 47 | 0 |
| 20 | CS | 190 | 0 | 85 | 45 | 0 |
| 21 | AT | 1543 | 0 | 743 | 94 | 0 |
| 21 | CT | 1543 | 0 | 743 | 103 | 0 |
| 22 | Aa | 100 | 0 | 25 | 0 | 0 |
| 22 | Bo | 100 | 0 | 23 | 0 | 0 |
| 22 | Ca | 100 | 0 | 23 | 0 | 0 |
| 23 | Ab | 525 | 0 | 141 | 0 | 0 |
| 23 | Cb | 525 | 0 | 138 | 0 | 0 |
| 24 | Ac | 465 | 0 | 122 | 0 | 0 |
| 24 | Cc | 465 | 0 | 120 | 0 | 0 |

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| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 25 | Ad | 175 | 0 | 39 | 0 | 0 |
| 25 | Cd | 175 | 0 | 41 | 0 | 0 |
| 26 | Ae | 105 | 0 | 25 | 0 | 0 |
| 26 | Bj | 105 | 0 | 23 | 0 | 0 |
| 26 | Dj | 105 | 0 | 24 | 0 | 0 |
| 27 | Af | 55 | 0 | 15 | 0 | 0 |
| 28 | Ah | 205 | 0 | 51 | 0 | 0 |
| 28 | Ch | 205 | 0 | 50 | 0 | 0 |
| 29 | B1 | 68577 | 0 | 34452 | 11488 | 0 |
| 29 | D1 | 68577 | 0 | 34452 | 11458 | 0 |
| 30 | B2 | 2579 | 0 | 1304 | 604 | 0 |
| 30 | D2 | 2579 | 0 | 1304 | 619 | 0 |
| 31 | B3 | 3353 | 0 | 1695 | 663 | 0 |
| 31 | D3 | 3353 | 0 | 1695 | 615 | 0 |
| 32 | BA | 1055 | 0 | 453 | 34 | 0 |
| 32 | DA | 1055 | 0 | 453 | 36 | 0 |
| 33 | BB | 1106 | 0 | 512 | 95 | 0 |
| 33 | DB | 1106 | 0 | 512 | 108 | 0 |
| 34 | BC | 1791 | 0 | 839 | 262 | 0 |
| 34 | DC | 1791 | 0 | 839 | 274 | 0 |
| 35 | BD | 1312 | 0 | 651 | 166 | 0 |
| 35 | DD | 1312 | 0 | 651 | 155 | 0 |
| 36 | BE | 1412 | 0 | 670 | 216 | 0 |
| 36 | DE | 1412 | 0 | 670 | 207 | 0 |
| 37 | BF | 873 | 0 | 400 | 151 | 0 |
| 37 | DF | 873 | 0 | 400 | 144 | 0 |
| 38 | BG | 1061 | 0 | 492 | 138 | 0 |
| 38 | DG | 1061 | 0 | 492 | 140 | 0 |
| 39 | BH | 856 | 0 | 432 | 75 | 0 |
| 39 | DH | 856 | 0 | 432 | 64 | 0 |
| 40 | BI | 942 | 0 | 414 | 88 | 0 |
| 40 | DI | 942 | 0 | 414 | 87 | 0 |
| 41 | BJ | 1027 | 0 | 468 | 98 | 0 |
| 41 | DJ | 1027 | 0 | 468 | 99 | 0 |
| 42 | BK | 810 | 0 | 360 | 126 | 0 |
| 42 | DK | 810 | 0 | 360 | 122 | 0 |
| 43 | BN | 593 | 0 | 299 | 99 | 0 |
| 43 | DN | 593 | 0 | 299 | 112 | 0 |
| 44 | BO | 923 | 0 | 423 | 128 | 0 |
| 44 | DO | 923 | 0 | 423 | 114 | 0 |
| 45 | BP | 967 | 0 | 468 | 145 | 0 |
| 45 | DP | 967 | 0 | 468 | 154 | 0 |

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| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|-------|----------|----------|---------|--------------|
| 46 | BQ | 761 | 0 | 371 | 101 | 0 |
| 46 | DQ | 761 | 0 | 371 | 111 | 0 |
| 47 | BR | 706 | 0 | 340 | 94 | 0 |
| 47 | DR | 706 | 0 | 340 | 90 | 0 |
| 48 | BS | 931 | 0 | 460 | 66 | 0 |
| 48 | DS | 931 | 0 | 460 | 75 | 0 |
| 49 | BT | 586 | 0 | 269 | 85 | 0 |
| 49 | DT | 586 | 0 | 269 | 72 | 0 |
| 50 | BU | 631 | 0 | 306 | 38 | 0 |
| 50 | DU | 631 | 0 | 306 | 40 | 0 |
| 51 | BV | 291 | 0 | 131 | 38 | 0 |
| 51 | DV | 291 | 0 | 131 | 34 | 0 |
| 52 | BW | 468 | 0 | 213 | 38 | 0 |
| 52 | DW | 468 | 0 | 213 | 43 | 0 |
| 53 | BX | 530 | 0 | 240 | 48 | 0 |
| 53 | DX | 530 | 0 | 240 | 41 | 0 |
| 54 | BY | 727 | 0 | 346 | 102 | 0 |
| 54 | DY | 727 | 0 | 346 | 98 | 0 |
| 55 | BZ | 481 | 0 | 224 | 32 | 0 |
| 55 | DZ | 481 | 0 | 224 | 31 | 0 |
| 56 | Ba | 425 | 0 | 191 | 0 | 0 |
| 56 | Da | 425 | 0 | 191 | 0 | 0 |
| 57 | Bb | 618 | 0 | 284 | 0 | 0 |
| 57 | Db | 618 | 0 | 284 | 0 | 0 |
| 58 | Bc | 339 | 0 | 155 | 0 | 0 |
| 58 | Dc | 339 | 0 | 155 | 0 | 0 |
| 59 | Bd | 352 | 0 | 161 | 0 | 0 |
| 59 | Dd | 352 | 0 | 161 | 0 | 0 |
| 60 | Be | 240 | 0 | 105 | 0 | 0 |
| 60 | De | 240 | 0 | 105 | 0 | 0 |
| 61 | Bf | 467 | 0 | 210 | 0 | 0 |
| 61 | Df | 467 | 0 | 210 | 0 | 0 |
| 62 | Bg | 407 | 0 | 203 | 0 | 0 |
| 62 | Dg | 407 | 0 | 203 | 0 | 0 |
| 63 | Bh | 220 | 0 | 57 | 0 | 0 |
| 63 | Dh | 220 | 0 | 53 | 0 | 0 |
| 64 | Bi | 60 | 0 | 16 | 0 | 0 |
| 64 | Di | 60 | 0 | 14 | 0 | 0 |
| 65 | Bk | 80 | 0 | 20 | 0 | 0 |
| 65 | Dk | 80 | 0 | 21 | 0 | 0 |
| 66 | Bl | 95 | 0 | 21 | 0 | 0 |
| 67 | Bm | 45 | 0 | 12 | 0 | 0 |

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| Mol | Chain | Non-H | H(model) | H(added) | Clashes | Symm-Clashes |
|-----|-------|--------|----------|----------|---------|--------------|
| 68 | Bn | 135 | 0 | 34 | 0 | 0 |
| 69 | Bp | 40 | 0 | 11 | 0 | 0 |
| 70 | Bq | 85 | 0 | 25 | 0 | 0 |
| 71 | Br | 115 | 0 | 27 | 0 | 0 |
| 72 | DL | 679 | 0 | 325 | 49 | 0 |
| 73 | DM | 641 | 0 | 281 | 65 | 0 |
| 74 | A1 | 714 | 0 | 0 | 109 | 0 |
| 74 | AL | 7 | 0 | 0 | 0 | 0 |
| 74 | AS | 7 | 0 | 0 | 18 | 0 |
| 74 | AT | 7 | 0 | 0 | 1 | 0 |
| 74 | Ac | 7 | 0 | 0 | 0 | 0 |
| 74 | B1 | 1547 | 0 | 0 | 220 | 0 |
| 74 | B2 | 70 | 0 | 0 | 12 | 0 |
| 74 | B3 | 84 | 0 | 0 | 14 | 0 |
| 74 | BC | 7 | 0 | 0 | 1 | 0 |
| 74 | BO | 7 | 0 | 0 | 0 | 0 |
| 74 | BT | 7 | 0 | 0 | 2 | 0 |
| 74 | Bd | 14 | 0 | 0 | 0 | 0 |
| 74 | Bg | 7 | 0 | 0 | 0 | 0 |
| 74 | C1 | 707 | 0 | 0 | 107 | 0 |
| 74 | CI | 7 | 0 | 0 | 0 | 0 |
| 74 | CS | 14 | 0 | 0 | 16 | 0 |
| 74 | CT | 7 | 0 | 0 | 0 | 0 |
| 74 | D1 | 1575 | 0 | 0 | 223 | 0 |
| 74 | D2 | 63 | 0 | 0 | 18 | 0 |
| 74 | D3 | 84 | 0 | 0 | 28 | 0 |
| 74 | DC | 7 | 0 | 0 | 0 | 0 |
| 74 | DE | 7 | 0 | 0 | 0 | 0 |
| 74 | DJ | 7 | 0 | 0 | 0 | 0 |
| 74 | DO | 14 | 0 | 0 | 5 | 0 |
| 74 | DT | 7 | 0 | 0 | 0 | 0 |
| 74 | Dd | 14 | 0 | 0 | 0 | 0 |
| 74 | Dg | 7 | 0 | 0 | 0 | 0 |
| All | All | 309610 | 0 | 149262 | 44156 | 0 |

Clashscore is defined as the number of clashes calculated for the entry per 1000 atoms (including hydrogens) of the entry. The overall clashscore for this entry is 99.

The worst 5 of 44156 close contacts within the same asymmetric unit are listed below.

| Atom-1 | Atom-2 | Distance(Å) | Clash(Å) |
|-----------------|-----------------|-------------|----------|
| 29:B1:592:A:H2' | 29:B1:593:C:C4' | 1.31 | 1.55 |
| 29:B1:606:C:H3' | 29:B1:607:A:C8 | 1.39 | 1.54 |

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| Atom-1 | Atom-2 | Distance(Å) | Clash(Å) |
|-----------------|----------------|-------------|----------|
| 29:D1:606:C:H3' | 29:D1:607:A:C8 | 1.43 | 1.52 |
| 1:A1:825:U:C5 | 1:A1:847:A:N1 | 1.82 | 1.45 |
| 1:C1:825:U:C5 | 1:C1:847:A:N1 | 1.84 | 1.45 |

There are no symmetry-related clashes.

5.3 Torsion angles

5.3.1 Protein backbone ⓘ

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 | AA | 218/252 (86%) | 75 (34%) | 68 (31%) | 75 (34%) | 0 | 0 |
| 2 | CA | 218/252 (86%) | 78 (36%) | 63 (29%) | 77 (35%) | 0 | 0 |
| 3 | AB | 217/254 (85%) | 85 (39%) | 54 (25%) | 78 (36%) | 0 | 0 |
| 3 | CB | 217/254 (85%) | 81 (37%) | 62 (29%) | 74 (34%) | 0 | 0 |
| 4 | AC | 187/240 (78%) | 72 (38%) | 56 (30%) | 59 (32%) | 0 | 0 |
| 4 | CC | 187/240 (78%) | 69 (37%) | 55 (29%) | 63 (34%) | 0 | 0 |
| 5 | AD | 165/225 (73%) | 55 (33%) | 46 (28%) | 64 (39%) | 0 | 0 |
| 5 | CD | 165/225 (73%) | 58 (35%) | 44 (27%) | 63 (38%) | 0 | 0 |
| 6 | AE | 153/197 (78%) | 48 (31%) | 54 (35%) | 51 (33%) | 0 | 0 |
| 6 | CE | 153/197 (78%) | 48 (31%) | 49 (32%) | 56 (37%) | 0 | 0 |
| 7 | AF | 75/156 (48%) | 32 (43%) | 18 (24%) | 25 (33%) | 0 | 0 |
| 7 | CF | 75/156 (48%) | 31 (41%) | 20 (27%) | 24 (32%) | 0 | 0 |
| 8 | AG | 115/151 (76%) | 46 (40%) | 38 (33%) | 31 (27%) | 0 | 1 |
| 8 | CG | 115/151 (76%) | 49 (43%) | 33 (29%) | 33 (29%) | 0 | 1 |
| 9 | AH | 126/137 (92%) | 52 (41%) | 38 (30%) | 36 (29%) | 0 | 1 |
| 9 | CH | 126/137 (92%) | 51 (40%) | 39 (31%) | 36 (29%) | 0 | 1 |
| 10 | AI | 119/142 (84%) | 38 (32%) | 40 (34%) | 41 (34%) | 0 | 0 |
| 10 | CI | 119/142 (84%) | 43 (36%) | 35 (29%) | 41 (34%) | 0 | 0 |

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| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|---------------|-----------|-----------|-----------|-------------|---|
| 11 | AJ | 132/143 (92%) | 57 (43%) | 33 (25%) | 42 (32%) | 0 | 0 |
| 11 | CJ | 132/143 (92%) | 52 (39%) | 37 (28%) | 43 (33%) | 0 | 0 |
| 12 | AK | 65/136 (48%) | 27 (42%) | 16 (25%) | 22 (34%) | 0 | 0 |
| 12 | CK | 65/136 (48%) | 28 (43%) | 16 (25%) | 21 (32%) | 0 | 0 |
| 13 | AL | 116/146 (80%) | 48 (41%) | 34 (29%) | 34 (29%) | 0 | 1 |
| 13 | CL | 116/146 (80%) | 48 (41%) | 33 (28%) | 35 (30%) | 0 | 1 |
| 14 | AM | 100/144 (69%) | 38 (38%) | 28 (28%) | 34 (34%) | 0 | 0 |
| 14 | CM | 100/144 (69%) | 36 (36%) | 27 (27%) | 37 (37%) | 0 | 0 |
| 15 | AN | 109/121 (90%) | 49 (45%) | 30 (28%) | 30 (28%) | 0 | 1 |
| 15 | CN | 109/121 (90%) | 49 (45%) | 29 (27%) | 31 (28%) | 0 | 1 |
| 16 | AO | 125/130 (96%) | 48 (38%) | 40 (32%) | 37 (30%) | 0 | 1 |
| 16 | CO | 125/130 (96%) | 49 (39%) | 36 (29%) | 40 (32%) | 0 | 0 |
| 17 | AP | 114/145 (79%) | 48 (42%) | 24 (21%) | 42 (37%) | 0 | 0 |
| 17 | CP | 114/145 (79%) | 45 (40%) | 28 (25%) | 41 (36%) | 0 | 0 |
| 18 | AQ | 65/108 (60%) | 28 (43%) | 21 (32%) | 16 (25%) | 0 | 2 |
| 18 | CQ | 61/108 (56%) | 28 (46%) | 18 (30%) | 15 (25%) | 0 | 2 |
| 19 | AR | 45/67 (67%) | 17 (38%) | 12 (27%) | 16 (36%) | 0 | 0 |
| 19 | CR | 45/67 (67%) | 17 (38%) | 11 (24%) | 17 (38%) | 0 | 0 |
| 20 | AS | 37/56 (66%) | 8 (22%) | 14 (38%) | 15 (40%) | 0 | 0 |
| 20 | CS | 37/56 (66%) | 8 (22%) | 13 (35%) | 16 (43%) | 0 | 0 |
| 21 | AT | 309/319 (97%) | 180 (58%) | 71 (23%) | 58 (19%) | 0 | 4 |
| 21 | CT | 309/319 (97%) | 184 (60%) | 66 (21%) | 59 (19%) | 0 | 4 |
| 32 | BA | 211/217 (97%) | 76 (36%) | 67 (32%) | 68 (32%) | 0 | 0 |
| 32 | DA | 211/217 (97%) | 76 (36%) | 79 (37%) | 56 (26%) | 0 | 1 |
| 33 | BB | 228/254 (90%) | 80 (35%) | 55 (24%) | 93 (41%) | 0 | 0 |
| 33 | DB | 228/254 (90%) | 83 (36%) | 55 (24%) | 90 (40%) | 0 | 0 |
| 34 | BC | 362/387 (94%) | 112 (31%) | 100 (28%) | 150 (41%) | 0 | 0 |
| 34 | DC | 362/387 (94%) | 109 (30%) | 102 (28%) | 151 (42%) | 0 | 0 |
| 35 | BD | 266/362 (74%) | 111 (42%) | 79 (30%) | 76 (29%) | 0 | 1 |
| 35 | DD | 266/362 (74%) | 109 (41%) | 78 (29%) | 79 (30%) | 0 | 1 |
| 36 | BE | 285/297 (96%) | 108 (38%) | 82 (29%) | 95 (33%) | 0 | 0 |

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| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|---------------|-----------|----------|-----------|-------------|----|
| 36 | DE | 285/297 (96%) | 105 (37%) | 79 (28%) | 101 (35%) | 0 | 0 |
| 37 | BF | 174/176 (99%) | 44 (25%) | 62 (36%) | 68 (39%) | 0 | 0 |
| 37 | DF | 174/176 (99%) | 43 (25%) | 61 (35%) | 70 (40%) | 0 | 0 |
| 38 | BG | 211/244 (86%) | 85 (40%) | 62 (29%) | 64 (30%) | 0 | 1 |
| 38 | DG | 211/244 (86%) | 89 (42%) | 60 (28%) | 62 (29%) | 0 | 1 |
| 39 | BH | 171/256 (67%) | 59 (34%) | 58 (34%) | 54 (32%) | 0 | 0 |
| 39 | DH | 171/256 (67%) | 60 (35%) | 62 (36%) | 49 (29%) | 0 | 1 |
| 40 | BI | 189/191 (99%) | 76 (40%) | 60 (32%) | 53 (28%) | 0 | 1 |
| 40 | DI | 189/191 (99%) | 79 (42%) | 57 (30%) | 53 (28%) | 0 | 1 |
| 41 | BJ | 204/221 (92%) | 80 (39%) | 52 (26%) | 72 (35%) | 0 | 0 |
| 41 | DJ | 204/221 (92%) | 75 (37%) | 55 (27%) | 74 (36%) | 0 | 0 |
| 42 | BK | 163/174 (94%) | 57 (35%) | 42 (26%) | 64 (39%) | 0 | 0 |
| 42 | DK | 163/174 (94%) | 56 (34%) | 46 (28%) | 61 (37%) | 0 | 0 |
| 43 | BN | 118/138 (86%) | 27 (23%) | 44 (37%) | 47 (40%) | 0 | 0 |
| 43 | DN | 118/138 (86%) | 28 (24%) | 39 (33%) | 51 (43%) | 0 | 0 |
| 44 | BO | 185/204 (91%) | 77 (42%) | 49 (26%) | 59 (32%) | 0 | 0 |
| 44 | DO | 185/204 (91%) | 76 (41%) | 53 (29%) | 56 (30%) | 0 | 1 |
| 45 | BP | 194/199 (98%) | 81 (42%) | 56 (29%) | 57 (29%) | 0 | 1 |
| 45 | DP | 194/199 (98%) | 77 (40%) | 62 (32%) | 55 (28%) | 0 | 1 |
| 46 | BQ | 152/184 (83%) | 62 (41%) | 44 (29%) | 46 (30%) | 0 | 1 |
| 46 | DQ | 152/184 (83%) | 62 (41%) | 45 (30%) | 45 (30%) | 0 | 1 |
| 47 | BR | 141/186 (76%) | 63 (45%) | 28 (20%) | 50 (36%) | 0 | 0 |
| 47 | DR | 141/186 (76%) | 59 (42%) | 32 (23%) | 50 (36%) | 0 | 0 |
| 48 | BS | 186/189 (98%) | 104 (56%) | 57 (31%) | 25 (13%) | 0 | 11 |
| 48 | DS | 186/189 (98%) | 101 (54%) | 60 (32%) | 25 (13%) | 0 | 11 |
| 49 | BT | 117/160 (73%) | 53 (45%) | 18 (15%) | 46 (39%) | 0 | 0 |
| 49 | DT | 117/160 (73%) | 50 (43%) | 23 (20%) | 44 (38%) | 0 | 0 |
| 50 | BU | 127/137 (93%) | 64 (50%) | 28 (22%) | 35 (28%) | 0 | 1 |
| 50 | DU | 127/137 (93%) | 70 (55%) | 21 (16%) | 36 (28%) | 0 | 1 |
| 51 | BV | 57/155 (37%) | 14 (25%) | 19 (33%) | 24 (42%) | 0 | 0 |
| 51 | DV | 57/155 (37%) | 15 (26%) | 16 (28%) | 26 (46%) | 0 | 0 |

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| Mol | Chain | Analysed | Favoured | Allowed | Outliers | Percentiles | |
|-----|-------|-------------------|------------|------------|------------|-------------|---|
| 52 | BW | 92/142 (65%) | 30 (33%) | 30 (33%) | 32 (35%) | 0 | 0 |
| 52 | DW | 92/142 (65%) | 32 (35%) | 28 (30%) | 32 (35%) | 0 | 0 |
| 53 | BX | 105/127 (83%) | 53 (50%) | 28 (27%) | 24 (23%) | 0 | 2 |
| 53 | DX | 105/127 (83%) | 55 (52%) | 30 (29%) | 20 (19%) | 0 | 4 |
| 54 | BY | 147/149 (99%) | 37 (25%) | 47 (32%) | 63 (43%) | 0 | 0 |
| 54 | DY | 147/149 (99%) | 36 (24%) | 51 (35%) | 60 (41%) | 0 | 0 |
| 55 | BZ | 96/105 (91%) | 48 (50%) | 28 (29%) | 20 (21%) | 0 | 3 |
| 55 | DZ | 96/105 (91%) | 51 (53%) | 28 (29%) | 17 (18%) | 0 | 5 |
| 56 | Ba | 84/113 (74%) | 27 (32%) | 27 (32%) | 30 (36%) | 0 | 0 |
| 56 | Da | 84/113 (74%) | 25 (30%) | 28 (33%) | 31 (37%) | 0 | 0 |
| 57 | Bb | 123/130 (95%) | 39 (32%) | 28 (23%) | 56 (46%) | 0 | 0 |
| 57 | Db | 123/130 (95%) | 41 (33%) | 31 (25%) | 51 (42%) | 0 | 0 |
| 58 | Bc | 66/120 (55%) | 28 (42%) | 23 (35%) | 15 (23%) | 0 | 2 |
| 58 | Dc | 66/120 (55%) | 28 (42%) | 26 (39%) | 12 (18%) | 0 | 5 |
| 59 | Bd | 70/88 (80%) | 19 (27%) | 20 (29%) | 31 (44%) | 0 | 0 |
| 59 | Dd | 70/88 (80%) | 17 (24%) | 24 (34%) | 29 (41%) | 0 | 0 |
| 60 | Be | 46/51 (90%) | 25 (54%) | 8 (17%) | 13 (28%) | 0 | 1 |
| 60 | De | 46/51 (90%) | 22 (48%) | 12 (26%) | 12 (26%) | 0 | 2 |
| 61 | Bf | 93/106 (88%) | 37 (40%) | 28 (30%) | 28 (30%) | 0 | 1 |
| 61 | Df | 93/106 (88%) | 37 (40%) | 28 (30%) | 28 (30%) | 0 | 1 |
| 62 | Bg | 81/92 (88%) | 31 (38%) | 27 (33%) | 23 (28%) | 0 | 1 |
| 62 | Dg | 81/92 (88%) | 32 (40%) | 24 (30%) | 25 (31%) | 0 | 1 |
| 72 | DL | 136/165 (82%) | 42 (31%) | 42 (31%) | 52 (38%) | 0 | 0 |
| 73 | DM | 126/312 (40%) | 48 (38%) | 31 (25%) | 47 (37%) | 0 | 0 |
| All | All | 14930/18123 (82%) | 5798 (39%) | 4273 (29%) | 4859 (32%) | 0 | 0 |

5 of 4859 Ramachandran outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 2 | AA | 11 | PRO |
| 2 | AA | 13 | ASP |
| 2 | AA | 14 | ALA |
| 2 | AA | 21 | ASN |
| 2 | AA | 24 | LEU |

5.3.2 Protein sidechains ⓘ

There are no protein residues with a non-rotameric sidechain to report in this entry.

5.3.3 RNA ⓘ

| Mol | Chain | Analysed | Backbone Outliers | Pucker Outliers |
|-----|-------|-------------------|-------------------|-----------------|
| 1 | A1 | 1787/1800 (99%) | 1003 (56%) | 148 (8%) |
| 1 | C1 | 1787/1800 (99%) | 990 (55%) | 150 (8%) |
| 29 | B1 | 3203/3396 (94%) | 1725 (53%) | 259 (8%) |
| 29 | D1 | 3203/3396 (94%) | 1714 (53%) | 257 (8%) |
| 30 | B2 | 120/121 (99%) | 70 (58%) | 12 (10%) |
| 30 | D2 | 120/121 (99%) | 66 (55%) | 12 (10%) |
| 31 | B3 | 157/158 (99%) | 80 (50%) | 9 (5%) |
| 31 | D3 | 157/158 (99%) | 79 (50%) | 9 (5%) |
| All | All | 10534/10950 (96%) | 5727 (54%) | 856 (8%) |

5 of 5727 RNA backbone outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|-----|------|
| 1 | A1 | 2 | A |
| 1 | A1 | 3 | U |
| 1 | A1 | 4 | C |
| 1 | A1 | 7 | G |
| 1 | A1 | 8 | U |

5 of 856 RNA pucker outliers are listed below:

| Mol | Chain | Res | Type |
|-----|-------|------|------|
| 29 | B1 | 3179 | U |
| 1 | C1 | 400 | A |
| 29 | D1 | 3038 | U |
| 29 | B1 | 3303 | G |
| 1 | C1 | 65 | A |

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

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

5.5 Carbohydrates ⓘ

There are no carbohydrates in this entry.

5.6 Ligand geometry ⓘ

715 ligands 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 |
| 74 | OHX | A1 | 1901 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1902 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1903 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1904 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1905 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1906 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1907 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1908 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1909 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1910 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1911 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1912 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1913 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1914 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1915 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1916 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1917 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1918 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1919 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1920 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1921 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1922 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1923 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1924 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1925 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1926 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1927 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1928 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1929 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1930 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1931 | 1 | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1932 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | A1 | 1933 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1934 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1935 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1936 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1937 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1938 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1939 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1940 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1941 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1942 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1943 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1944 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1945 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1946 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1947 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1948 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1949 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1950 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1951 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1952 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1953 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1954 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1955 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1956 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1957 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1958 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1959 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1960 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1961 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1962 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1963 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1964 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1965 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1966 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1967 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1968 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1969 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1970 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1971 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1972 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1973 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1974 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1975 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | A1 | 1976 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1977 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1978 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1979 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1980 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1981 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1982 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1983 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1984 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1985 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1986 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1987 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1988 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1989 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1990 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1991 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1992 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1993 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1994 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1995 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1996 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1997 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1998 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 1999 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 2000 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 2001 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | A1 | 2002 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | AL | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | AS | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | AT | 401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Ac | 100 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3402 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3403 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3404 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3405 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3406 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3407 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3408 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3409 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3410 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3411 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3412 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B1 | 3413 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3414 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3415 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3416 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3417 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3418 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3419 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3420 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3421 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3422 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3423 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3424 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3425 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3426 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3427 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3428 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3429 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3430 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3431 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3432 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3433 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3434 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3435 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3436 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3437 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3438 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3439 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3440 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3441 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3442 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3443 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3444 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3445 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3446 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3447 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3448 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3449 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3450 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3451 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3452 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3453 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3454 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3455 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B1 | 3456 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3457 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3458 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3459 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3460 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3461 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3462 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3463 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3464 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3465 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3466 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3467 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3468 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3469 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3470 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3471 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3472 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3473 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3474 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3475 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3476 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3477 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3478 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3479 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3480 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3481 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3482 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3483 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3484 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3485 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3486 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3487 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3488 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3489 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3490 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3491 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3492 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3493 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3494 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3495 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3496 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3497 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3498 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B1 | 3499 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3500 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3501 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3502 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3503 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3504 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3505 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3506 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3507 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3508 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3509 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3510 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3511 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3512 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3513 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3514 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3515 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3516 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3517 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3518 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3519 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3520 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3521 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3522 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3523 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3524 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3525 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3526 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3527 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3528 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3529 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3530 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3531 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3532 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3533 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3534 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3535 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3536 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3537 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3538 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3539 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3540 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3541 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B1 | 3542 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3543 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3544 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3545 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3546 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3547 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3548 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3549 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3550 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3551 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3552 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3553 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3554 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3555 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3556 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3557 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3558 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3559 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3560 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3561 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3562 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3563 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3564 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3565 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3566 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3567 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3568 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3569 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3570 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3571 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3572 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3573 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3574 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3575 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3576 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3577 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3578 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3579 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3580 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3581 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3582 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3583 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3584 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B1 | 3585 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3586 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3587 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3588 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3589 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3590 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3591 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3592 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3593 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3594 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3595 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3596 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3597 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3598 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3599 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3600 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3601 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3602 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3603 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3604 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3605 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3606 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3607 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3608 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3609 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3610 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3611 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3612 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3613 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3614 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3615 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3616 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3617 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3618 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3619 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3620 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B1 | 3621 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 202 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 203 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 204 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 205 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 206 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | B2 | 207 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 208 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 209 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B2 | 210 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 202 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 203 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 204 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 205 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 206 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 207 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 208 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 209 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 210 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 211 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | B3 | 212 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | BC | 401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | BO | 301 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | BT | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Bd | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Bd | 102 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Bg | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1901 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1902 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1903 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1904 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1905 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1906 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1907 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1908 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1909 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1910 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1911 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1912 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1913 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1914 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1915 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1916 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1917 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1918 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1919 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1920 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1921 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | C1 | 1922 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1923 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1924 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1925 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1926 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1927 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1928 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1929 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1930 | 1 | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1931 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1932 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1933 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1934 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1935 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1936 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1937 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1938 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1939 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1940 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1941 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1942 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1943 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1944 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1945 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1946 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1947 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1948 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1949 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1950 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1951 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1952 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1953 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1954 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1955 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1956 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1957 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1958 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1959 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1960 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1961 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1962 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1963 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1964 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | C1 | 1965 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1966 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1967 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1968 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1969 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1970 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1971 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1972 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1973 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1974 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1975 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1976 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1977 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1978 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1979 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1980 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1981 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1982 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1983 | 1 | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1984 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1985 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1986 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1987 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1988 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1989 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1990 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1991 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1992 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1993 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1994 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1995 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1996 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1997 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1998 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 1999 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 2000 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | C1 | 2001 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | CI | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | CS | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | CS | 102 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | CT | 401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3402 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3403 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3404 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3405 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3406 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3407 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3408 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3409 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3410 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3411 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3412 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3413 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3414 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3415 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3416 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3417 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3418 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3419 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3420 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3421 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3422 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3423 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3424 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3425 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3426 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3427 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3428 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3429 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3430 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3431 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3432 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3433 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3434 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3435 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3436 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3437 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3438 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3439 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3440 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3441 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3442 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3443 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3444 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3445 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3446 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3447 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3448 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3449 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3450 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3451 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3452 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3453 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3454 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3455 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3456 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3457 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3458 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3459 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3460 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3461 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3462 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3463 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3464 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3465 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3466 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3467 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3468 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3469 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3470 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3471 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3472 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3473 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3474 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3475 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3476 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3477 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3478 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3479 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3480 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3481 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3482 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3483 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3484 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3485 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3486 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3487 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3488 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3489 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3490 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3491 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3492 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3493 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3494 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3495 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3496 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3497 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3498 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3499 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3500 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3501 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3502 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3503 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3504 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3505 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3506 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3507 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3508 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3509 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3510 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3511 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3512 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3513 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3514 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3515 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3516 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3517 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3518 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3519 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3520 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3521 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3522 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3523 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3524 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3525 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3526 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3527 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3528 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3529 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3530 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3531 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3532 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3533 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3534 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3535 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3536 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3537 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3538 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3539 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3540 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3541 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3542 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3543 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3544 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3545 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3546 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3547 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3548 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3549 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3550 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3551 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3552 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3553 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3554 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3555 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3556 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3557 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3558 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3559 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3560 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3561 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3562 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3563 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3564 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3565 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3566 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3567 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3568 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3569 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3570 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3571 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3572 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3573 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3574 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3575 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3576 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3577 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3578 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3579 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3580 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3581 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3582 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3583 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3584 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3585 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3586 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3587 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3588 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3589 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3590 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3591 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3592 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3593 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3594 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3595 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3596 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3597 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3598 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3599 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3600 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3601 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3602 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3603 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3604 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3605 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3606 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3607 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3608 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3609 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3610 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3611 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3612 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3613 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3614 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3615 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3616 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3617 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

| Mol | Type | Chain | Res | Link | Bond lengths | | | Bond angles | | |
|-----|------|-------|------|------|--------------|------|----------|-------------|------|----------|
| | | | | | Counts | RMSZ | # Z > 2 | Counts | RMSZ | # Z > 2 |
| 74 | OHX | D1 | 3618 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3619 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3620 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3621 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3622 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3623 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3624 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D1 | 3625 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 202 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 203 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 204 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 205 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 206 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 207 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 208 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D2 | 209 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 202 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 203 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 204 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 205 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 206 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 207 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 208 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 209 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 210 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 211 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | D3 | 212 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DC | 401 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DE | 301 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DJ | 301 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DO | 301 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DO | 302 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | DT | 201 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Dd | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Dd | 102 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |
| 74 | OHX | Dg | 101 | - | 0,6,6 | 0.00 | - | 0,15,15 | 0.00 | - |

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 |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | A1 | 1901 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1902 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1903 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1904 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1905 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1906 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1907 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1908 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1909 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1910 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1911 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1912 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1913 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1914 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1915 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1916 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1917 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1918 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1919 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1920 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1921 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1922 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1923 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1924 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1925 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1926 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1927 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1928 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1929 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1930 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1931 | 1 | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1932 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1933 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1934 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1935 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1936 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1937 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1938 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1939 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1940 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1941 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1942 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1943 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | A1 | 1944 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1945 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1946 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1947 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1948 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1949 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1950 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1951 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1952 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1953 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1954 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1955 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1956 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1957 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1958 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1959 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1960 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1961 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1962 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1963 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1964 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1965 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1966 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1967 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1968 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1969 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1970 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1971 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1972 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1973 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1974 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1975 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1976 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1977 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1978 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1979 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1980 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1981 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1982 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1983 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1984 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1985 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | A1 | 1986 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1987 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1988 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1989 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1990 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1991 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1992 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1993 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1994 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1995 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1996 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1997 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1998 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 1999 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 2000 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 2001 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | A1 | 2002 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | AL | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | AS | 101 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | AT | 401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Ac | 100 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3402 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3403 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3404 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3405 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3406 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3407 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3408 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3409 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3410 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3411 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3412 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3413 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3414 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3415 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3416 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3417 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3418 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3419 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3420 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3421 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B1 | 3422 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3423 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3424 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3425 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3426 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3427 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3428 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3429 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3430 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3431 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3432 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3433 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3434 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3435 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3436 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3437 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3438 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3439 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3440 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3441 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3442 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3443 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3444 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3445 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3446 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3447 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3448 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3449 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3450 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3451 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3452 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3453 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3454 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3455 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3456 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3457 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3458 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3459 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3460 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3461 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3462 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3463 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B1 | 3464 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3465 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3466 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3467 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3468 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3469 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3470 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3471 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3472 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3473 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3474 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3475 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3476 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3477 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3478 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3479 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3480 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3481 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3482 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3483 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3484 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3485 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3486 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3487 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3488 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3489 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3490 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3491 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3492 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3493 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3494 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3495 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3496 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3497 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3498 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3499 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3500 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3501 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3502 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3503 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3504 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3505 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B1 | 3506 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3507 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3508 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3509 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3510 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3511 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3512 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3513 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3514 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3515 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3516 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3517 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3518 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3519 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3520 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3521 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3522 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3523 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3524 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3525 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3526 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3527 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3528 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3529 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3530 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3531 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3532 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3533 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3534 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3535 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3536 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3537 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3538 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3539 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3540 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3541 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3542 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3543 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3544 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3545 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3546 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3547 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B1 | 3548 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3549 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3550 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3551 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3552 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3553 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3554 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3555 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3556 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3557 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3558 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3559 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3560 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3561 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3562 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3563 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3564 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3565 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3566 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3567 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3568 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3569 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3570 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3571 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3572 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3573 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3574 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3575 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3576 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3577 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3578 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3579 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3580 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3581 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3582 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3583 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3584 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3585 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3586 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3587 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3588 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3589 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B1 | 3590 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3591 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3592 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3593 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3594 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3595 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3596 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3597 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3598 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3599 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3600 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3601 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3602 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3603 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3604 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3605 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3606 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3607 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3608 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3609 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3610 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3611 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3612 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3613 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3614 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3615 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3616 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3617 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3618 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3619 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3620 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B1 | 3621 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 202 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 203 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 204 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 205 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 206 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 207 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 208 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 209 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B2 | 210 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | B3 | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 202 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 203 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 204 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 205 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 206 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 207 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 208 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 209 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 210 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 211 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | B3 | 212 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | BC | 401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | BO | 301 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | BT | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Bd | 101 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Bd | 102 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Bg | 101 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1901 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1902 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1903 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1904 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1905 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1906 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1907 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1908 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1909 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1910 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1911 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1912 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1913 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1914 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1915 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1916 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1917 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1918 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1919 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1920 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1921 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1922 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1923 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1924 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | C1 | 1925 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1926 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1927 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1928 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1929 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1930 | 1 | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1931 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1932 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1933 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1934 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1935 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1936 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1937 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1938 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1939 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1940 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1941 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1942 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1943 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1944 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1945 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1946 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1947 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1948 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1949 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1950 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1951 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1952 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1953 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1954 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1955 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1956 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1957 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1958 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1959 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1960 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1961 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1962 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1963 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1964 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1965 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1966 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | C1 | 1967 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1968 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1969 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1970 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1971 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1972 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1973 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1974 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1975 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1976 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1977 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1978 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1979 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1980 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1981 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1982 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1983 | 1 | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1984 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1985 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1986 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1987 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1988 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1989 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1990 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1991 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1992 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1993 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1994 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1995 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1996 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1997 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1998 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 1999 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 2000 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | C1 | 2001 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | CI | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | CS | 101 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | CS | 102 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | CT | 401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3402 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3403 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3404 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3405 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3406 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3407 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3408 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3409 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3410 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3411 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3412 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3413 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3414 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3415 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3416 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3417 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3418 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3419 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3420 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3421 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3422 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3423 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3424 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3425 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3426 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3427 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3428 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3429 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3430 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3431 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3432 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3433 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3434 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3435 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3436 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3437 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3438 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3439 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3440 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3441 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3442 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3443 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3444 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3445 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3446 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3447 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3448 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3449 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3450 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3451 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3452 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3453 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3454 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3455 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3456 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3457 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3458 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3459 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3460 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3461 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3462 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3463 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3464 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3465 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3466 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3467 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3468 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3469 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3470 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3471 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3472 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3473 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3474 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3475 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3476 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3477 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3478 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3479 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3480 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3481 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3482 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3483 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3484 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3485 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3486 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3487 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3488 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3489 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3490 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3491 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3492 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3493 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3494 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3495 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3496 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3497 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3498 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3499 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3500 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3501 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3502 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3503 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3504 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3505 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3506 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3507 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3508 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3509 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3510 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3511 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3512 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3513 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3514 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3515 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3516 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3517 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3518 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3519 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3520 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3521 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3522 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3523 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3524 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3525 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3526 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3527 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3528 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3529 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3530 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3531 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3532 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3533 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3534 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3535 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3536 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3537 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3538 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3539 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3540 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3541 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3542 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3543 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3544 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3545 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3546 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3547 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3548 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3549 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3550 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3551 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3552 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3553 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3554 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3555 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3556 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3557 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3558 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3559 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3560 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3561 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3562 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3563 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3564 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3565 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3566 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3567 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3568 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3569 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3570 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3571 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3572 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3573 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3574 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3575 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3576 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3577 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3578 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3579 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3580 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3581 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3582 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3583 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3584 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3585 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3586 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3587 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3588 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3589 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3590 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3591 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3592 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3593 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3594 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3595 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3596 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3597 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3598 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3599 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3600 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3601 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3602 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3603 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3604 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3605 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3606 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3607 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3608 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3609 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3610 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3611 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3612 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3613 | - | - | 0/0/0/0 | 0/0/0/0 |

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| Mol | Type | Chain | Res | Link | Chirals | Torsions | Rings |
|-----|------|-------|------|------|---------|----------|---------|
| 74 | OHX | D1 | 3614 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3615 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3616 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3617 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3618 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3619 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3620 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3621 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3622 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3623 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3624 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D1 | 3625 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 202 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 203 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 204 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 205 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 206 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 207 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 208 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D2 | 209 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 202 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 203 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 204 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 205 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 206 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 207 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 208 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 209 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 210 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 211 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | D3 | 212 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DC | 401 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DE | 301 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DJ | 301 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DO | 301 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DO | 302 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | DT | 201 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Dd | 101 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Dd | 102 | - | - | 0/0/0/0 | 0/0/0/0 |
| 74 | OHX | Dg | 101 | - | - | 0/0/0/0 | 0/0/0/0 |

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.

5.7 Other polymers

There are no such residues in this entry.

5.8 Polymer linkage issues

The following chains have linkage breaks:

| Mol | Chain | Number of breaks |
|-----|-------|------------------|
| 23 | Cb | 4 |
| 23 | Ab | 4 |
| 63 | Dh | 1 |
| 68 | Bn | 1 |
| 28 | Ch | 1 |
| 24 | Cc | 1 |
| 24 | Ac | 1 |
| 28 | Ah | 1 |
| 63 | Bh | 1 |

The worst 5 of 15 chain breaks are listed below:

| Model | Chain | Residue-1 | Atom-1 | Residue-2 | Atom-2 | Distance (Å) |
|-------|-------|-----------|--------|-----------|--------|--------------|
| 1 | Bh | 23:UNK | C | 34:UNK | N | 29.25 |
| 1 | Dh | 23:UNK | C | 34:UNK | N | 28.80 |
| 1 | Ch | 25:UNK | C | 50:UNK | N | 22.77 |
| 1 | Ab | 19:UNK | C | 21:UNK | N | 20.41 |
| 1 | Bn | 19:UNK | C | 27:UNK | N | 20.28 |

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 | A1 | 1789/1800 (99%) | -0.14 | 60 (3%) 43 35 | 45, 138, 429, 753 | 0 |
| 1 | C1 | 1789/1800 (99%) | -0.03 | 82 (4%) 31 27 | 42, 120, 419, 674 | 0 |
| 2 | AA | 220/252 (87%) | -0.07 | 10 (4%) 32 27 | 64, 150, 323, 474 | 0 |
| 2 | CA | 220/252 (87%) | -0.09 | 4 (1%) 65 52 | 66, 119, 336, 538 | 0 |
| 3 | AB | 219/254 (86%) | 0.22 | 10 (4%) 31 27 | 42, 117, 298, 500 | 0 |
| 3 | CB | 219/254 (86%) | -0.12 | 1 (0%) 88 78 | 50, 108, 288, 386 | 0 |
| 4 | AC | 189/240 (78%) | 0.21 | 10 (5%) 25 23 | 52, 120, 278, 403 | 0 |
| 4 | CC | 189/240 (78%) | 0.00 | 5 (2%) 53 42 | 41, 120, 262, 460 | 0 |
| 5 | AD | 169/225 (75%) | -0.15 | 5 (2%) 48 38 | 58, 150, 355, 516 | 0 |
| 5 | CD | 169/225 (75%) | -0.16 | 4 (2%) 56 43 | 33, 108, 269, 383 | 0 |
| 6 | AE | 157/197 (79%) | 0.04 | 9 (5%) 23 21 | 44, 140, 362, 438 | 0 |
| 6 | CE | 157/197 (79%) | -0.01 | 4 (2%) 54 43 | 31, 99, 330, 482 | 0 |
| 7 | AF | 77/156 (49%) | -0.08 | 1 (1%) 74 59 | 45, 95, 205, 412 | 0 |
| 7 | CF | 77/156 (49%) | 0.43 | 7 (9%) 9 12 | 56, 91, 267, 342 | 0 |
| 8 | AG | 117/151 (77%) | -0.31 | 1 (0%) 81 68 | 35, 108, 284, 362 | 0 |
| 8 | CG | 117/151 (77%) | -0.31 | 0 100 100 | 47, 97, 263, 458 | 0 |
| 9 | AH | 128/137 (93%) | 0.21 | 8 (6%) 19 19 | 53, 186, 349, 436 | 0 |
| 9 | CH | 128/137 (93%) | 0.09 | 9 (7%) 16 16 | 39, 132, 354, 482 | 0 |
| 10 | AI | 121/142 (85%) | -0.01 | 3 (2%) 54 43 | 55, 140, 329, 419 | 0 |
| 10 | CI | 121/142 (85%) | 0.09 | 3 (2%) 54 43 | 46, 116, 273, 447 | 0 |
| 11 | AJ | 134/143 (93%) | -0.03 | 2 (1%) 70 55 | 74, 144, 302, 340 | 0 |
| 11 | CJ | 134/143 (93%) | 0.01 | 4 (2%) 48 38 | 44, 99, 288, 381 | 0 |
| 12 | AK | 67/136 (49%) | 0.02 | 3 (4%) 32 27 | 52, 142, 319, 407 | 0 |
| 12 | CK | 67/136 (49%) | 0.49 | 5 (7%) 14 15 | 64, 199, 350, 401 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-----------------|--------|----------------|-----------------------|-------|
| 13 | AL | 120/146 (82%) | 0.08 | 10 (8%) 11 13 | 55, 146, 298, 514 | 0 |
| 13 | CL | 120/146 (82%) | 0.13 | 8 (6%) 17 18 | 52, 96, 293, 519 | 0 |
| 14 | AM | 106/144 (73%) | -0.07 | 4 (3%) 38 32 | 71, 138, 348, 425 | 0 |
| 14 | CM | 106/144 (73%) | -0.10 | 3 (2%) 50 40 | 42, 81, 260, 338 | 0 |
| 15 | AN | 111/121 (91%) | 0.16 | 8 (7%) 15 16 | 68, 129, 336, 412 | 0 |
| 15 | CN | 111/121 (91%) | 0.17 | 5 (4%) 32 27 | 32, 111, 286, 424 | 0 |
| 16 | AO | 127/130 (97%) | -0.06 | 2 (1%) 68 54 | 53, 95, 256, 411 | 0 |
| 16 | CO | 127/130 (97%) | -0.33 | 0 100 100 | 54, 91, 229, 441 | 0 |
| 17 | AP | 116/145 (80%) | -0.16 | 2 (1%) 67 53 | 29, 95, 247, 384 | 0 |
| 17 | CP | 116/145 (80%) | -0.20 | 0 100 100 | 29, 71, 190, 418 | 0 |
| 18 | AQ | 67/108 (62%) | 0.25 | 4 (5%) 21 20 | 94, 210, 332, 355 | 0 |
| 18 | CQ | 63/108 (58%) | 0.30 | 3 (4%) 29 25 | 68, 150, 282, 307 | 0 |
| 19 | AR | 47/67 (70%) | 0.76 | 6 (12%) 4 6 | 107, 245, 393, 457 | 0 |
| 19 | CR | 47/67 (70%) | 0.91 | 7 (14%) 3 5 | 51, 221, 381, 425 | 0 |
| 20 | AS | 39/56 (69%) | -0.04 | 1 (2%) 53 42 | 58, 108, 181, 260 | 0 |
| 20 | CS | 39/56 (69%) | -0.04 | 0 100 100 | 37, 95, 140, 292 | 0 |
| 21 | AT | 313/319 (98%) | 0.37 | 28 (8%) 10 12 | 106, 195, 286, 348 | 0 |
| 21 | CT | 313/319 (98%) | 0.31 | 23 (7%) 15 15 | 67, 158, 257, 328 | 0 |
| 22 | Aa | 0/20 | - | - | - | - |
| 22 | Bo | 0/20 | - | - | - | - |
| 22 | Ca | 0/20 | - | - | - | - |
| 23 | Ab | 0/105 | - | - | - | - |
| 23 | Cb | 0/105 | - | - | - | - |
| 24 | Ac | 0/93 | - | - | - | - |
| 24 | Cc | 0/93 | - | - | - | - |
| 25 | Ad | 0/35 | - | - | - | - |
| 25 | Cd | 0/35 | - | - | - | - |
| 26 | Ae | 0/21 | - | - | - | - |
| 26 | Bj | 0/21 | - | - | - | - |
| 26 | Dj | 0/21 | - | - | - | - |
| 27 | Af | 0/11 | - | - | - | - |
| 28 | Ah | 0/41 | - | - | - | - |
| 28 | Ch | 0/41 | - | - | - | - |
| 29 | B1 | 3206/3396 (94%) | -0.18 | 95 (2%) 48 38 | 33, 86, 395, 634 | 0 |
| 29 | D1 | 3206/3396 (94%) | -0.12 | 105 (3%) 44 36 | 30, 94, 427, 674 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|---------------|-----------------------|-------|
| 30 | B2 | 121/121 (100%) | -0.33 | 1 (0%) 83 70 | 46, 118, 189, 323 | 0 |
| 30 | D2 | 121/121 (100%) | -0.27 | 1 (0%) 83 70 | 36, 95, 180, 349 | 0 |
| 31 | B3 | 158/158 (100%) | -0.19 | 6 (3%) 38 32 | 46, 108, 258, 619 | 0 |
| 31 | D3 | 158/158 (100%) | -0.22 | 4 (2%) 54 43 | 59, 136, 358, 586 | 0 |
| 32 | BA | 213/217 (98%) | 1.12 | 44 (20%) 1 3 | 137, 327, 441, 483 | 0 |
| 32 | DA | 213/217 (98%) | 1.36 | 58 (27%) 1 3 | 159, 354, 442, 484 | 0 |
| 33 | BB | 234/254 (92%) | -0.04 | 4 (1%) 67 53 | 25, 83, 246, 419 | 0 |
| 33 | DB | 234/254 (92%) | 0.22 | 16 (6%) 17 17 | 54, 108, 254, 417 | 0 |
| 34 | BC | 364/387 (94%) | -0.18 | 2 (0%) 88 78 | 20, 66, 216, 560 | 0 |
| 34 | DC | 364/387 (94%) | -0.23 | 1 (0%) 91 86 | 29, 58, 208, 543 | 0 |
| 35 | BD | 268/362 (74%) | -0.26 | 3 (1%) 77 63 | 34, 70, 207, 500 | 0 |
| 35 | DD | 268/362 (74%) | -0.05 | 5 (1%) 64 49 | 50, 102, 274, 463 | 0 |
| 36 | BE | 287/297 (96%) | -0.05 | 6 (2%) 60 47 | 58, 119, 355, 497 | 0 |
| 36 | DE | 287/297 (96%) | -0.17 | 8 (2%) 50 40 | 38, 91, 302, 478 | 0 |
| 37 | BF | 176/176 (100%) | -0.19 | 2 (1%) 77 63 | 25, 81, 305, 519 | 0 |
| 37 | DF | 176/176 (100%) | -0.01 | 5 (2%) 50 40 | 31, 69, 342, 518 | 0 |
| 38 | BG | 215/244 (88%) | -0.42 | 0 100 100 | 21, 59, 226, 486 | 0 |
| 38 | DG | 215/244 (88%) | -0.49 | 0 100 100 | 25, 49, 167, 330 | 0 |
| 39 | BH | 173/256 (67%) | 0.12 | 12 (6%) 17 17 | 45, 110, 297, 429 | 0 |
| 39 | DH | 173/256 (67%) | -0.02 | 4 (2%) 57 44 | 70, 146, 316, 422 | 0 |
| 40 | BI | 191/191 (100%) | -0.01 | 5 (2%) 53 42 | 27, 83, 237, 347 | 0 |
| 40 | DI | 191/191 (100%) | -0.41 | 0 100 100 | 22, 49, 164, 286 | 0 |
| 41 | BJ | 208/221 (94%) | -0.25 | 1 (0%) 88 78 | 39, 93, 251, 452 | 0 |
| 41 | DJ | 208/221 (94%) | -0.29 | 3 (1%) 72 57 | 25, 64, 257, 456 | 0 |
| 42 | BK | 165/174 (94%) | -0.08 | 6 (3%) 41 33 | 56, 125, 348, 497 | 0 |
| 42 | DK | 165/174 (94%) | -0.16 | 1 (0%) 86 75 | 45, 97, 330, 532 | 0 |
| 43 | BN | 120/138 (86%) | -0.05 | 1 (0%) 83 70 | 34, 77, 260, 387 | 0 |
| 43 | DN | 120/138 (86%) | -0.26 | 2 (1%) 67 53 | 33, 60, 262, 325 | 0 |
| 44 | BO | 187/204 (91%) | -0.12 | 3 (1%) 68 54 | 38, 86, 178, 383 | 0 |
| 44 | DO | 187/204 (91%) | 0.14 | 10 (5%) 25 23 | 57, 119, 255, 327 | 0 |
| 45 | BP | 196/199 (98%) | -0.35 | 0 100 100 | 23, 48, 152, 409 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|----------------|--------|--------------|-----------------------|-------|
| 45 | DP | 196/199 (98%) | -0.32 | 2 (1%) 79 65 | 23, 45, 111, 424 | 0 |
| 46 | BQ | 154/184 (83%) | -0.34 | 1 (0%) 86 75 | 30, 55, 144, 337 | 0 |
| 46 | DQ | 154/184 (83%) | -0.35 | 0 100 100 | 37, 77, 243, 373 | 0 |
| 47 | BR | 143/186 (76%) | -0.26 | 1 (0%) 84 73 | 38, 70, 200, 421 | 0 |
| 47 | DR | 143/186 (76%) | 0.24 | 13 (9%) 9 12 | 60, 87, 244, 378 | 0 |
| 48 | BS | 188/189 (99%) | 0.02 | 8 (4%) 34 28 | 52, 101, 419, 569 | 0 |
| 48 | DS | 188/189 (99%) | 0.56 | 30 (15%) 3 5 | 59, 109, 589, 657 | 0 |
| 49 | BT | 119/160 (74%) | -0.12 | 1 (0%) 83 70 | 42, 73, 221, 310 | 0 |
| 49 | DT | 119/160 (74%) | -0.13 | 1 (0%) 83 70 | 36, 72, 184, 282 | 0 |
| 50 | BU | 129/137 (94%) | -0.05 | 2 (1%) 68 54 | 27, 70, 208, 391 | 0 |
| 50 | DU | 129/137 (94%) | -0.16 | 0 100 100 | 20, 48, 151, 235 | 0 |
| 51 | BV | 59/155 (38%) | -0.28 | 1 (1%) 67 53 | 29, 84, 259, 363 | 0 |
| 51 | DV | 59/155 (38%) | -0.01 | 1 (1%) 67 53 | 53, 73, 197, 320 | 0 |
| 52 | BW | 94/142 (66%) | 0.06 | 2 (2%) 60 47 | 53, 91, 211, 312 | 0 |
| 52 | DW | 94/142 (66%) | 0.07 | 2 (2%) 60 47 | 64, 124, 247, 337 | 0 |
| 53 | BX | 107/127 (84%) | -0.26 | 0 100 100 | 58, 91, 182, 233 | 0 |
| 53 | DX | 107/127 (84%) | 0.14 | 4 (3%) 39 32 | 56, 106, 248, 361 | 0 |
| 54 | BY | 149/149 (100%) | -0.05 | 4 (2%) 52 41 | 30, 76, 331, 456 | 0 |
| 54 | DY | 149/149 (100%) | -0.08 | 2 (1%) 74 59 | 49, 95, 277, 409 | 0 |
| 55 | BZ | 98/105 (93%) | 0.17 | 4 (4%) 35 29 | 52, 128, 269, 360 | 0 |
| 55 | DZ | 98/105 (93%) | 0.26 | 6 (6%) 21 20 | 56, 134, 272, 365 | 0 |
| 56 | Ba | 86/113 (76%) | -0.23 | 1 (1%) 75 61 | 38, 83, 232, 396 | 0 |
| 56 | Da | 86/113 (76%) | -0.14 | 0 100 100 | 51, 82, 274, 430 | 0 |
| 57 | Bb | 125/130 (96%) | -0.38 | 0 100 100 | 26, 54, 138, 435 | 0 |
| 57 | Db | 125/130 (96%) | -0.02 | 2 (1%) 68 54 | 39, 77, 168, 380 | 0 |
| 58 | Bc | 68/120 (56%) | -0.23 | 2 (2%) 49 39 | 46, 89, 202, 381 | 0 |
| 58 | Dc | 68/120 (56%) | -0.28 | 1 (1%) 70 55 | 50, 123, 270, 348 | 0 |
| 59 | Bd | 72/88 (81%) | -0.03 | 0 100 100 | 36, 79, 322, 434 | 0 |
| 59 | Dd | 72/88 (81%) | -0.14 | 0 100 100 | 30, 103, 268, 336 | 0 |
| 60 | Be | 48/51 (94%) | -0.21 | 1 (2%) 60 47 | 30, 72, 159, 290 | 0 |
| 60 | De | 48/51 (94%) | 0.07 | 1 (2%) 60 47 | 40, 118, 222, 333 | 0 |

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| Mol | Chain | Analysed | <RSRZ> | #RSRZ>2 | OWAB(Å ²) | Q<0.9 |
|-----|-------|-------------------|--------|----------------|-----------------------|-------|
| 61 | Bf | 95/106 (89%) | 0.23 | 5 (5%) 25 23 | 57, 145, 363, 475 | 0 |
| 61 | Df | 95/106 (89%) | 0.76 | 15 (15%) 3 5 | 62, 195, 389, 486 | 0 |
| 62 | Bg | 83/92 (90%) | -0.17 | 2 (2%) 56 43 | 35, 98, 311, 431 | 0 |
| 62 | Dg | 83/92 (90%) | -0.11 | 0 100 100 | 42, 103, 241, 369 | 0 |
| 63 | Bh | 0/44 | - | - | - | - |
| 63 | Dh | 0/44 | - | - | - | - |
| 64 | Bi | 0/12 | - | - | - | - |
| 64 | Di | 0/12 | - | - | - | - |
| 65 | Bk | 0/16 | - | - | - | - |
| 65 | Dk | 0/16 | - | - | - | - |
| 66 | Bl | 0/19 | - | - | - | - |
| 67 | Bm | 0/9 | - | - | - | - |
| 68 | Bn | 0/27 | - | - | - | - |
| 69 | Bp | 0/8 | - | - | - | - |
| 70 | Bq | 0/17 | - | - | - | - |
| 71 | Br | 0/23 | - | - | - | - |
| 72 | DL | 138/165 (83%) | 0.03 | 6 (4%) 34 28 | 84, 172, 387, 465 | 0 |
| 73 | DM | 130/312 (41%) | -0.11 | 3 (2%) 57 44 | 47, 121, 305, 409 | 0 |
| All | All | 25728/30002 (85%) | -0.06 | 902 (3%) 42 34 | 20, 105, 353, 753 | 0 |

The worst 5 of 902 RSRZ outliers are listed below:

| Mol | Chain | Res | Type | RSRZ |
|-----|-------|------|------|------|
| 29 | D1 | 2494 | A | 22.1 |
| 29 | D1 | 2495 | C | 18.4 |
| 29 | B1 | 2493 | U | 18.1 |
| 1 | C1 | 681 | U | 17.0 |
| 29 | B1 | 136 | G | 16.5 |

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

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

6.3 Carbohydrates ⓘ

There are no carbohydrates 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. LLDF column lists the quality of electron density of the group with respect to its neighbouring residues in protein, DNA or RNA chains. 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 | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|--------|----------------------------|-------|
| 74 | OHX | D1 | 3557 | 7/7 | 0.27 | 151.00 | 148,148,148,148 | 7 |
| 74 | OHX | A1 | 1947 | 7/7 | 0.30 | 68.02 | 143,143,143,143 | 7 |
| 74 | OHX | B2 | 207 | 7/7 | 0.51 | 48.72 | 104,104,104,104 | 7 |
| 74 | OHX | B2 | 210 | 7/7 | 0.45 | 42.09 | 131,131,131,131 | 7 |
| 74 | OHX | A1 | 1962 | 7/7 | 0.53 | 41.51 | 193,193,193,193 | 7 |
| 74 | OHX | B3 | 210 | 7/7 | 0.42 | 35.69 | 64,64,64,64 | 7 |
| 74 | OHX | D1 | 3614 | 7/7 | 0.45 | 29.62 | 83,83,83,83 | 7 |
| 74 | OHX | C1 | 1989 | 7/7 | 0.53 | 29.37 | 114,114,114,114 | 7 |
| 74 | OHX | B1 | 3548 | 7/7 | 0.57 | 28.95 | 153,153,153,153 | 7 |
| 74 | OHX | D1 | 3541 | 7/7 | 0.33 | 27.15 | 141,141,141,141 | 7 |
| 74 | OHX | D1 | 3542 | 7/7 | 0.34 | 25.94 | 198,198,198,198 | 7 |
| 74 | OHX | D1 | 3497 | 7/7 | 0.41 | 25.20 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3605 | 7/7 | 0.51 | 24.40 | 93,93,93,93 | 7 |
| 74 | OHX | A1 | 1930 | 7/7 | 0.49 | 23.62 | 228,228,228,228 | 7 |
| 74 | OHX | A1 | 1992 | 7/7 | 0.46 | 23.59 | 45,45,45,45 | 7 |
| 74 | OHX | B1 | 3504 | 7/7 | 0.36 | 23.19 | 140,140,140,140 | 7 |
| 74 | OHX | B1 | 3577 | 7/7 | 0.50 | 21.96 | 148,148,148,148 | 7 |
| 74 | OHX | B2 | 208 | 7/7 | 0.46 | 21.90 | 152,152,152,152 | 7 |
| 74 | OHX | B1 | 3584 | 7/7 | 0.51 | 21.58 | 99,99,99,99 | 7 |
| 74 | OHX | B1 | 3594 | 7/7 | 0.39 | 21.10 | 100,100,100,100 | 7 |
| 74 | OHX | B1 | 3498 | 7/7 | 0.34 | 20.55 | 83,83,83,83 | 7 |
| 74 | OHX | D1 | 3601 | 7/7 | 0.55 | 20.23 | 99,99,99,99 | 7 |
| 74 | OHX | B1 | 3554 | 7/7 | 0.68 | 20.02 | 156,156,156,156 | 7 |
| 74 | OHX | B1 | 3545 | 7/7 | 0.36 | 19.73 | 82,82,82,82 | 7 |
| 74 | OHX | D1 | 3578 | 7/7 | 0.69 | 19.68 | 222,222,222,222 | 7 |
| 74 | OHX | D1 | 3573 | 7/7 | 0.39 | 19.42 | 135,135,135,135 | 7 |
| 74 | OHX | B1 | 3454 | 7/7 | 0.33 | 18.57 | 123,123,123,123 | 7 |
| 74 | OHX | C1 | 1965 | 7/7 | 0.42 | 18.34 | 101,101,101,101 | 7 |
| 74 | OHX | C1 | 1998 | 7/7 | 0.63 | 18.14 | 129,129,129,129 | 7 |
| 74 | OHX | D1 | 3586 | 7/7 | 0.65 | 18.00 | 115,115,115,115 | 7 |
| 74 | OHX | B2 | 203 | 7/7 | 0.37 | 17.55 | 174,174,174,174 | 7 |
| 74 | OHX | B1 | 3555 | 7/7 | 0.30 | 17.35 | 103,103,103,103 | 7 |
| 74 | OHX | D1 | 3550 | 7/7 | 0.50 | 16.81 | 100,100,100,100 | 7 |
| 74 | OHX | B1 | 3621 | 7/7 | 0.32 | 16.28 | 83,83,83,83 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|-----------------------------|-------|
| 74 | OHX | D2 | 204 | 7/7 | 0.23 | 16.08 | 116,116,116,116 | 7 |
| 74 | OHX | D1 | 3552 | 7/7 | 0.38 | 15.30 | 115,115,115,115 | 7 |
| 74 | OHX | D1 | 3592 | 7/7 | 0.26 | 15.29 | 118,118,118,118 | 7 |
| 74 | OHX | D1 | 3570 | 7/7 | 0.37 | 14.93 | 49,49,49,49 | 7 |
| 74 | OHX | A1 | 1968 | 7/7 | 0.30 | 14.84 | 180,180,180,180 | 7 |
| 74 | OHX | B1 | 3497 | 7/7 | 0.23 | 14.72 | 103,103,103,103 | 7 |
| 74 | OHX | A1 | 2002 | 7/7 | 0.44 | 14.53 | 185,185,185,185 | 7 |
| 74 | OHX | B1 | 3542 | 7/7 | 0.42 | 14.44 | 64,64,64,64 | 7 |
| 74 | OHX | A1 | 1995 | 7/7 | 0.36 | 14.26 | 80,80,80,80 | 7 |
| 74 | OHX | B1 | 3582 | 7/7 | 0.31 | 14.24 | 83,83,83,83 | 7 |
| 74 | OHX | D1 | 3507 | 7/7 | 0.29 | 14.10 | 133,133,133,133 | 7 |
| 74 | OHX | A1 | 1988 | 7/7 | 0.43 | 14.01 | 25,25,25,25 | 7 |
| 74 | OHX | D1 | 3545 | 7/7 | 0.40 | 13.81 | 77,77,77,77 | 7 |
| 74 | OHX | D2 | 208 | 7/7 | 0.36 | 13.80 | 105,105,105,105 | 7 |
| 74 | OHX | B1 | 3546 | 7/7 | 0.36 | 13.79 | 148,148,148,148 | 7 |
| 74 | OHX | D1 | 3563 | 7/7 | 0.36 | 13.71 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3618 | 7/7 | 0.34 | 13.63 | 62,62,62,62 | 7 |
| 74 | OHX | B1 | 3602 | 7/7 | 0.44 | 13.48 | 75,75,75,75 | 7 |
| 74 | OHX | B1 | 3605 | 7/7 | 0.27 | 13.00 | 52,52,52,52 | 7 |
| 74 | OHX | A1 | 1983 | 7/7 | 0.61 | 12.95 | 122,122,122,122 | 7 |
| 74 | OHX | B1 | 3538 | 7/7 | 0.29 | 12.84 | 93,93,93,93 | 7 |
| 74 | OHX | B1 | 3589 | 7/7 | 0.47 | 12.42 | 85,85,85,85 | 7 |
| 74 | OHX | D1 | 3474 | 7/7 | 0.28 | 11.90 | 118,118,118,118 | 7 |
| 74 | OHX | B1 | 3512 | 7/7 | 0.23 | 11.73 | 113,113,113,113 | 7 |
| 74 | OHX | B3 | 206 | 7/7 | 0.36 | 11.33 | 201,201,201,201 | 7 |
| 74 | OHX | A1 | 1966 | 7/7 | 0.47 | 11.33 | 120,120,120,120 | 7 |
| 74 | OHX | D1 | 3625 | 7/7 | 0.26 | 11.12 | 100,100,100,100 | 7 |
| 74 | OHX | D3 | 208 | 7/7 | 0.26 | 11.10 | 135,135,135,135 | 7 |
| 74 | OHX | C1 | 1982 | 7/7 | 0.28 | 11.09 | 106,106,106,106 | 7 |
| 74 | OHX | B1 | 3549 | 7/7 | 0.28 | 10.77 | 86,86,86,86 | 7 |
| 74 | OHX | B1 | 3575 | 7/7 | 0.30 | 10.66 | 123,123,123,123 | 7 |
| 74 | OHX | B1 | 3562 | 7/7 | 0.41 | 10.62 | 130,130,130,130 | 7 |
| 74 | OHX | D1 | 3525 | 7/7 | 0.29 | 10.58 | 106,106,106,106 | 7 |
| 74 | OHX | C1 | 1988 | 7/7 | 0.26 | 10.54 | 146,146,146,146 | 7 |
| 74 | OHX | A1 | 1952 | 7/7 | 0.34 | 10.51 | 110,110,110,110 | 7 |
| 74 | OHX | D1 | 3467 | 7/7 | 0.28 | 10.46 | 129,129,129,129 | 7 |
| 74 | OHX | B1 | 3571 | 7/7 | 0.47 | 10.42 | 176,176,176,176 | 7 |
| 74 | OHX | B1 | 3564 | 7/7 | 0.30 | 10.26 | 126,126,126,126 | 7 |
| 74 | OHX | B1 | 3603 | 7/7 | 0.34 | 10.16 | 63,63,63,63 | 7 |
| 74 | OHX | D1 | 3580 | 7/7 | 0.30 | 10.08 | 114,114,114,114 | 7 |
| 74 | OHX | D1 | 3617 | 7/7 | 0.26 | 10.04 | 50,50,50,50 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|-----------------------------|-------|
| 74 | OHX | B1 | 3528 | 7/7 | 0.39 | 10.02 | 158,158,158,158 | 7 |
| 74 | OHX | B1 | 3515 | 7/7 | 0.38 | 9.98 | 119,119,119,119 | 7 |
| 74 | OHX | A1 | 1993 | 7/7 | 0.33 | 9.89 | 108,108,108,108 | 7 |
| 74 | OHX | D1 | 3546 | 7/7 | 0.32 | 9.85 | 105,105,105,105 | 7 |
| 74 | OHX | D1 | 3535 | 7/7 | 0.32 | 9.84 | 142,142,142,142 | 7 |
| 74 | OHX | D1 | 3475 | 7/7 | 0.35 | 9.78 | 142,142,142,142 | 7 |
| 74 | OHX | B1 | 3609 | 7/7 | 0.30 | 9.63 | 80,80,80,80 | 7 |
| 74 | OHX | C1 | 1929 | 7/7 | 0.21 | 9.60 | 90,90,90,90 | 7 |
| 74 | OHX | D1 | 3437 | 7/7 | 0.26 | 9.56 | 103,103,103,103 | 7 |
| 74 | OHX | D1 | 3457 | 7/7 | 0.31 | 9.39 | 130,130,130,130 | 7 |
| 74 | OHX | D1 | 3579 | 7/7 | 0.30 | 9.18 | 44,44,44,44 | 7 |
| 74 | OHX | D1 | 3623 | 7/7 | 0.36 | 9.12 | 23,23,23,23 | 7 |
| 74 | OHX | B1 | 3617 | 7/7 | 0.33 | 9.01 | 90,90,90,90 | 7 |
| 74 | OHX | D1 | 3564 | 7/7 | 0.39 | 8.87 | 85,85,85,85 | 7 |
| 74 | OHX | D1 | 3544 | 7/7 | 0.43 | 8.72 | 127,127,127,127 | 7 |
| 74 | OHX | D1 | 3559 | 7/7 | 0.24 | 8.70 | 116,116,116,116 | 7 |
| 74 | OHX | A1 | 1998 | 7/7 | 0.35 | 8.70 | 125,125,125,125 | 7 |
| 74 | OHX | B1 | 3608 | 7/7 | 0.56 | 8.68 | 75,75,75,75 | 7 |
| 74 | OHX | C1 | 1995 | 7/7 | 0.33 | 8.62 | 51,51,51,51 | 7 |
| 74 | OHX | B1 | 3611 | 7/7 | 0.37 | 8.58 | 68,68,68,68 | 7 |
| 74 | OHX | A1 | 1925 | 7/7 | 0.39 | 8.51 | 165,165,165,165 | 7 |
| 74 | OHX | A1 | 1907 | 7/7 | 0.21 | 8.42 | 111,111,111,111 | 7 |
| 74 | OHX | B1 | 3552 | 7/7 | 0.33 | 8.32 | 138,138,138,138 | 7 |
| 74 | OHX | B1 | 3572 | 7/7 | 0.36 | 8.32 | 56,56,56,56 | 7 |
| 74 | OHX | B1 | 3604 | 7/7 | 0.32 | 8.23 | 53,53,53,53 | 7 |
| 74 | OHX | C1 | 1967 | 7/7 | 0.24 | 8.16 | 100,100,100,100 | 7 |
| 74 | OHX | D1 | 3519 | 7/7 | 0.38 | 8.12 | 111,111,111,111 | 7 |
| 74 | OHX | D1 | 3603 | 7/7 | 0.43 | 8.11 | 114,114,114,114 | 7 |
| 74 | OHX | A1 | 1991 | 7/7 | 0.35 | 7.96 | 98,98,98,98 | 7 |
| 74 | OHX | D1 | 3593 | 7/7 | 0.48 | 7.89 | 99,99,99,99 | 7 |
| 74 | OHX | B1 | 3458 | 7/7 | 0.27 | 7.89 | 114,114,114,114 | 7 |
| 74 | OHX | C1 | 1984 | 7/7 | 0.28 | 7.79 | 78,78,78,78 | 7 |
| 74 | OHX | D1 | 3568 | 7/7 | 0.36 | 7.78 | 92,92,92,92 | 7 |
| 74 | OHX | A1 | 1955 | 7/7 | 0.30 | 7.71 | 110,110,110,110 | 7 |
| 74 | OHX | B1 | 3551 | 7/7 | 0.41 | 7.69 | 84,84,84,84 | 7 |
| 74 | OHX | B1 | 3495 | 7/7 | 0.32 | 7.58 | 108,108,108,108 | 7 |
| 74 | OHX | C1 | 1981 | 7/7 | 0.34 | 7.57 | 87,87,87,87 | 7 |
| 74 | OHX | B1 | 3573 | 7/7 | 0.28 | 7.52 | 111,111,111,111 | 7 |
| 74 | OHX | D1 | 3517 | 7/7 | 0.27 | 7.45 | 126,126,126,126 | 7 |
| 74 | OHX | D1 | 3547 | 7/7 | 0.20 | 7.44 | 64,64,64,64 | 7 |
| 74 | OHX | D1 | 3558 | 7/7 | 0.32 | 7.39 | 127,127,127,127 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | C1 | 1966 | 7/7 | 0.40 | 7.39 | 127,127,127,127 | 7 |
| 74 | OHX | B1 | 3520 | 7/7 | 0.34 | 7.32 | 109,109,109,109 | 7 |
| 74 | OHX | D1 | 3565 | 7/7 | 0.23 | 7.25 | 60,60,60,60 | 7 |
| 74 | OHX | D1 | 3549 | 7/7 | 0.30 | 7.23 | 127,127,127,127 | 7 |
| 74 | OHX | A1 | 1967 | 7/7 | 0.34 | 7.13 | 96,96,96,96 | 7 |
| 74 | OHX | D1 | 3468 | 7/7 | 0.26 | 7.06 | 130,130,130,130 | 7 |
| 74 | OHX | D3 | 211 | 7/7 | 0.42 | 7.03 | 137,137,137,137 | 7 |
| 74 | OHX | B1 | 3457 | 7/7 | 0.22 | 6.98 | 147,147,147,147 | 7 |
| 74 | OHX | B1 | 3441 | 7/7 | 0.20 | 6.97 | 129,129,129,129 | 7 |
| 74 | OHX | D1 | 3611 | 7/7 | 0.36 | 6.93 | 82,82,82,82 | 7 |
| 74 | OHX | C1 | 1974 | 7/7 | 0.35 | 6.87 | 118,118,118,118 | 7 |
| 74 | OHX | D1 | 3597 | 7/7 | 0.67 | 6.84 | 222,222,222,222 | 7 |
| 74 | OHX | A1 | 1969 | 7/7 | 0.29 | 6.81 | 87,87,87,87 | 7 |
| 74 | OHX | D1 | 3587 | 7/7 | 0.62 | 6.79 | 111,111,111,111 | 7 |
| 74 | OHX | B1 | 3588 | 7/7 | 0.27 | 6.77 | 78,78,78,78 | 7 |
| 74 | OHX | D2 | 203 | 7/7 | 0.23 | 6.75 | 94,94,94,94 | 7 |
| 74 | OHX | C1 | 1992 | 7/7 | 0.44 | 6.74 | 76,76,76,76 | 7 |
| 74 | OHX | A1 | 1999 | 7/7 | 0.35 | 6.73 | 99,99,99,99 | 7 |
| 74 | OHX | A1 | 1959 | 7/7 | 0.30 | 6.72 | 110,110,110,110 | 7 |
| 74 | OHX | B1 | 3544 | 7/7 | 0.28 | 6.64 | 130,130,130,130 | 7 |
| 74 | OHX | A1 | 1978 | 7/7 | 0.32 | 6.62 | 139,139,139,139 | 7 |
| 74 | OHX | C1 | 1957 | 7/7 | 0.36 | 6.58 | 226,226,226,226 | 7 |
| 74 | OHX | A1 | 1922 | 7/7 | 0.24 | 6.56 | 133,133,133,133 | 7 |
| 74 | OHX | D1 | 3453 | 7/7 | 0.26 | 6.53 | 124,124,124,124 | 7 |
| 74 | OHX | B1 | 3508 | 7/7 | 0.22 | 6.52 | 113,113,113,113 | 7 |
| 74 | OHX | B1 | 3599 | 7/7 | 0.27 | 6.52 | 87,87,87,87 | 7 |
| 74 | OHX | B1 | 3601 | 7/7 | 0.32 | 6.42 | 158,158,158,158 | 7 |
| 74 | OHX | A1 | 1960 | 7/7 | 0.32 | 6.42 | 70,70,70,70 | 7 |
| 74 | OHX | BO | 301 | 7/7 | 0.35 | 6.29 | 110,110,110,110 | 7 |
| 74 | OHX | B1 | 3615 | 7/7 | 0.28 | 6.28 | 49,49,49,49 | 7 |
| 74 | OHX | D1 | 3481 | 7/7 | 0.26 | 6.26 | 137,137,137,137 | 7 |
| 74 | OHX | B1 | 3501 | 7/7 | 0.27 | 6.25 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3533 | 7/7 | 0.30 | 6.17 | 92,92,92,92 | 7 |
| 74 | OHX | D1 | 3405 | 7/7 | 0.20 | 6.16 | 110,110,110,110 | 0 |
| 74 | OHX | B1 | 3541 | 7/7 | 0.28 | 6.13 | 117,117,117,117 | 7 |
| 74 | OHX | C1 | 1975 | 7/7 | 0.25 | 6.09 | 119,119,119,119 | 7 |
| 74 | OHX | B2 | 209 | 7/7 | 0.34 | 6.08 | 148,148,148,148 | 7 |
| 74 | OHX | D1 | 3610 | 7/7 | 0.49 | 6.06 | 94,94,94,94 | 7 |
| 74 | OHX | A1 | 1939 | 7/7 | 0.19 | 5.98 | 100,100,100,100 | 7 |
| 74 | OHX | B1 | 3469 | 7/7 | 0.35 | 5.98 | 169,169,169,169 | 7 |
| 74 | OHX | D1 | 3581 | 7/7 | 0.23 | 5.98 | 60,60,60,60 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | A1 | 1997 | 7/7 | 0.38 | 5.90 | 100,100,100,100 | 7 |
| 74 | OHX | A1 | 1951 | 7/7 | 0.36 | 5.89 | 259,259,259,259 | 7 |
| 74 | OHX | B1 | 3506 | 7/7 | 0.30 | 5.86 | 53,53,53,53 | 7 |
| 74 | OHX | C1 | 1961 | 7/7 | 0.21 | 5.85 | 101,101,101,101 | 7 |
| 74 | OHX | D1 | 3489 | 7/7 | 0.29 | 5.82 | 75,75,75,75 | 7 |
| 74 | OHX | B1 | 3533 | 7/7 | 0.35 | 5.82 | 149,149,149,149 | 7 |
| 74 | OHX | C1 | 1991 | 7/7 | 0.32 | 5.80 | 77,77,77,77 | 7 |
| 74 | OHX | D1 | 3451 | 7/7 | 0.21 | 5.75 | 112,112,112,112 | 7 |
| 74 | OHX | B1 | 3561 | 7/7 | 0.54 | 5.68 | 280,280,280,280 | 7 |
| 74 | OHX | D1 | 3513 | 7/7 | 0.28 | 5.66 | 160,160,160,160 | 7 |
| 74 | OHX | C1 | 1976 | 7/7 | 0.36 | 5.65 | 118,118,118,118 | 7 |
| 74 | OHX | D1 | 3590 | 7/7 | 0.41 | 5.64 | 55,55,55,55 | 7 |
| 74 | OHX | D1 | 3514 | 7/7 | 0.33 | 5.64 | 173,173,173,173 | 7 |
| 74 | OHX | D1 | 3528 | 7/7 | 0.37 | 5.62 | 96,96,96,96 | 7 |
| 74 | OHX | A1 | 1942 | 7/7 | 0.32 | 5.61 | 97,97,97,97 | 7 |
| 74 | OHX | C1 | 1996 | 7/7 | 0.41 | 5.60 | 86,86,86,86 | 7 |
| 74 | OHX | C1 | 1919 | 7/7 | 0.28 | 5.55 | 159,159,159,159 | 7 |
| 74 | OHX | B1 | 3532 | 7/7 | 0.43 | 5.52 | 172,172,172,172 | 7 |
| 74 | OHX | B1 | 3514 | 7/7 | 0.30 | 5.46 | 123,123,123,123 | 7 |
| 74 | OHX | D1 | 3615 | 7/7 | 0.30 | 5.45 | 73,73,73,73 | 7 |
| 74 | OHX | B1 | 3484 | 7/7 | 0.26 | 5.44 | 143,143,143,143 | 7 |
| 74 | OHX | A1 | 1974 | 7/7 | 0.38 | 5.43 | 136,136,136,136 | 7 |
| 74 | OHX | B1 | 3435 | 7/7 | 0.30 | 5.36 | 130,130,130,130 | 7 |
| 74 | OHX | D1 | 3439 | 7/7 | 0.24 | 5.34 | 107,107,107,107 | 7 |
| 74 | OHX | C1 | 1947 | 7/7 | 0.27 | 5.32 | 70,70,70,70 | 7 |
| 74 | OHX | A1 | 1923 | 7/7 | 0.19 | 5.32 | 98,98,98,98 | 7 |
| 74 | OHX | D1 | 3599 | 7/7 | 0.36 | 5.30 | 93,93,93,93 | 7 |
| 74 | OHX | D1 | 3498 | 7/7 | 0.28 | 5.25 | 103,103,103,103 | 7 |
| 74 | OHX | D1 | 3479 | 7/7 | 0.24 | 5.25 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3524 | 7/7 | 0.28 | 5.25 | 162,162,162,162 | 7 |
| 74 | OHX | B1 | 3558 | 7/7 | 0.21 | 5.23 | 130,130,130,130 | 7 |
| 74 | OHX | B1 | 3423 | 7/7 | 0.21 | 5.22 | 91,91,91,91 | 7 |
| 74 | OHX | A1 | 1921 | 7/7 | 0.30 | 5.19 | 148,148,148,148 | 7 |
| 74 | OHX | B1 | 3479 | 7/7 | 0.38 | 5.19 | 145,145,145,145 | 7 |
| 74 | OHX | C1 | 1958 | 7/7 | 0.24 | 5.16 | 153,153,153,153 | 7 |
| 74 | OHX | B1 | 3519 | 7/7 | 0.30 | 5.14 | 115,115,115,115 | 7 |
| 74 | OHX | B3 | 209 | 7/7 | 0.30 | 5.13 | 99,99,99,99 | 7 |
| 74 | OHX | B1 | 3592 | 7/7 | 0.40 | 5.13 | 106,106,106,106 | 7 |
| 74 | OHX | C1 | 1950 | 7/7 | 0.32 | 5.12 | 215,215,215,215 | 7 |
| 74 | OHX | D1 | 3532 | 7/7 | 0.28 | 5.10 | 102,102,102,102 | 7 |
| 74 | OHX | A1 | 1981 | 7/7 | 0.24 | 5.05 | 128,128,128,128 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | B1 | 3616 | 7/7 | 0.28 | 4.98 | 103,103,103,103 | 7 |
| 74 | OHX | D1 | 3410 | 7/7 | 0.22 | 4.93 | 96,96,96,96 | 0 |
| 74 | OHX | B1 | 3613 | 7/7 | 0.46 | 4.92 | 93,93,93,93 | 7 |
| 74 | OHX | A1 | 1977 | 7/7 | 0.31 | 4.89 | 119,119,119,119 | 7 |
| 74 | OHX | D1 | 3616 | 7/7 | 0.44 | 4.89 | 150,150,150,150 | 7 |
| 74 | OHX | C1 | 1940 | 7/7 | 0.28 | 4.89 | 139,139,139,139 | 7 |
| 74 | OHX | B1 | 3595 | 7/7 | 0.29 | 4.82 | 73,73,73,73 | 7 |
| 74 | OHX | A1 | 1941 | 7/7 | 0.17 | 4.75 | 124,124,124,124 | 7 |
| 74 | OHX | D1 | 3527 | 7/7 | 0.21 | 4.75 | 146,146,146,146 | 7 |
| 74 | OHX | A1 | 1940 | 7/7 | 0.34 | 4.72 | 166,166,166,166 | 7 |
| 74 | OHX | D1 | 3505 | 7/7 | 0.34 | 4.71 | 160,160,160,160 | 7 |
| 74 | OHX | D3 | 210 | 7/7 | 0.24 | 4.70 | 74,74,74,74 | 7 |
| 74 | OHX | B1 | 3539 | 7/7 | 0.30 | 4.68 | 137,137,137,137 | 7 |
| 74 | OHX | B1 | 3596 | 7/7 | 0.39 | 4.68 | 56,56,56,56 | 7 |
| 74 | OHX | D2 | 209 | 7/7 | 0.31 | 4.65 | 74,74,74,74 | 7 |
| 74 | OHX | C1 | 1915 | 7/7 | 0.22 | 4.60 | 120,120,120,120 | 7 |
| 74 | OHX | A1 | 1970 | 7/7 | 0.21 | 4.59 | 66,66,66,66 | 7 |
| 74 | OHX | D1 | 3429 | 7/7 | 0.22 | 4.57 | 82,82,82,82 | 7 |
| 74 | OHX | B1 | 3468 | 7/7 | 0.27 | 4.54 | 89,89,89,89 | 7 |
| 74 | OHX | B1 | 3403 | 7/7 | 0.28 | 4.53 | 126,126,126,126 | 0 |
| 74 | OHX | D1 | 3413 | 7/7 | 0.24 | 4.37 | 114,114,114,114 | 7 |
| 74 | OHX | C1 | 1939 | 7/7 | 0.28 | 4.34 | 103,103,103,103 | 7 |
| 74 | OHX | C1 | 1979 | 7/7 | 0.29 | 4.31 | 190,190,190,190 | 7 |
| 74 | OHX | B1 | 3547 | 7/7 | 0.33 | 4.30 | 117,117,117,117 | 7 |
| 74 | OHX | B1 | 3579 | 7/7 | 0.28 | 4.30 | 47,47,47,47 | 7 |
| 74 | OHX | D1 | 3554 | 7/7 | 0.27 | 4.30 | 122,122,122,122 | 7 |
| 74 | OHX | D1 | 3449 | 7/7 | 0.25 | 4.20 | 124,124,124,124 | 7 |
| 74 | OHX | A1 | 1934 | 7/7 | 0.26 | 4.20 | 122,122,122,122 | 7 |
| 74 | OHX | D1 | 3595 | 7/7 | 0.35 | 4.18 | 90,90,90,90 | 7 |
| 74 | OHX | Ac | 100 | 7/7 | 0.27 | 4.11 | 131,131,131,131 | 7 |
| 74 | OHX | B1 | 3530 | 7/7 | 0.33 | 4.11 | 138,138,138,138 | 7 |
| 74 | OHX | D1 | 3613 | 7/7 | 0.33 | 4.11 | 57,57,57,57 | 7 |
| 74 | OHX | C1 | 1960 | 7/7 | 0.22 | 4.10 | 111,111,111,111 | 7 |
| 74 | OHX | B1 | 3568 | 7/7 | 0.22 | 4.10 | 94,94,94,94 | 7 |
| 74 | OHX | B1 | 3598 | 7/7 | 0.23 | 4.09 | 100,100,100,100 | 7 |
| 74 | OHX | D1 | 3485 | 7/7 | 0.27 | 4.08 | 90,90,90,90 | 7 |
| 74 | OHX | A1 | 1954 | 7/7 | 0.19 | 4.07 | 153,153,153,153 | 7 |
| 74 | OHX | B1 | 3431 | 7/7 | 0.19 | 4.03 | 125,125,125,125 | 7 |
| 74 | OHX | B1 | 3525 | 7/7 | 0.26 | 3.99 | 54,54,54,54 | 7 |
| 74 | OHX | B1 | 3580 | 7/7 | 0.33 | 3.97 | 84,84,84,84 | 7 |
| 74 | OHX | B1 | 3523 | 7/7 | 0.28 | 3.96 | 150,150,150,150 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | B1 | 3464 | 7/7 | 0.17 | 3.96 | 89,89,89,89 | 7 |
| 74 | OHX | B1 | 3581 | 7/7 | 0.34 | 3.95 | 106,106,106,106 | 7 |
| 74 | OHX | B1 | 3439 | 7/7 | 0.24 | 3.94 | 90,90,90,90 | 7 |
| 74 | OHX | B1 | 3606 | 7/7 | 0.36 | 3.91 | 74,74,74,74 | 7 |
| 74 | OHX | B1 | 3521 | 7/7 | 0.27 | 3.85 | 107,107,107,107 | 7 |
| 74 | OHX | B1 | 3535 | 7/7 | 0.28 | 3.84 | 170,170,170,170 | 7 |
| 74 | OHX | C1 | 1936 | 7/7 | 0.33 | 3.84 | 126,126,126,126 | 7 |
| 74 | OHX | B1 | 3524 | 7/7 | 0.23 | 3.83 | 97,97,97,97 | 7 |
| 74 | OHX | D1 | 3602 | 7/7 | 0.28 | 3.80 | 109,109,109,109 | 7 |
| 74 | OHX | B1 | 3550 | 7/7 | 0.19 | 3.77 | 137,137,137,137 | 7 |
| 74 | OHX | D1 | 3510 | 7/7 | 0.23 | 3.67 | 108,108,108,108 | 7 |
| 74 | OHX | D1 | 3494 | 7/7 | 0.27 | 3.67 | 105,105,105,105 | 7 |
| 74 | OHX | D1 | 3566 | 7/7 | 0.37 | 3.65 | 88,88,88,88 | 7 |
| 74 | OHX | B1 | 3597 | 7/7 | 0.31 | 3.64 | 137,137,137,137 | 7 |
| 74 | OHX | D1 | 3500 | 7/7 | 0.28 | 3.63 | 139,139,139,139 | 7 |
| 74 | OHX | B1 | 3560 | 7/7 | 0.34 | 3.63 | 105,105,105,105 | 7 |
| 74 | OHX | D1 | 3490 | 7/7 | 0.38 | 3.63 | 167,167,167,167 | 7 |
| 74 | OHX | B1 | 3402 | 7/7 | 0.17 | 3.63 | 99,99,99,99 | 0 |
| 74 | OHX | D1 | 3459 | 7/7 | 0.23 | 3.62 | 96,96,96,96 | 7 |
| 74 | OHX | D1 | 3538 | 7/7 | 0.26 | 3.62 | 87,87,87,87 | 7 |
| 74 | OHX | D1 | 3594 | 7/7 | 0.26 | 3.60 | 30,30,30,30 | 7 |
| 74 | OHX | B1 | 3583 | 7/7 | 0.25 | 3.60 | 126,126,126,126 | 7 |
| 74 | OHX | B1 | 3517 | 7/7 | 0.32 | 3.59 | 111,111,111,111 | 7 |
| 74 | OHX | B1 | 3434 | 7/7 | 0.17 | 3.48 | 102,102,102,102 | 7 |
| 74 | OHX | D1 | 3591 | 7/7 | 0.22 | 3.47 | 43,43,43,43 | 7 |
| 74 | OHX | D1 | 3529 | 7/7 | 0.27 | 3.46 | 130,130,130,130 | 7 |
| 74 | OHX | C1 | 1903 | 7/7 | 0.17 | 3.37 | 115,115,115,115 | 0 |
| 74 | OHX | D1 | 3553 | 7/7 | 0.26 | 3.37 | 145,145,145,145 | 7 |
| 74 | OHX | C1 | 1997 | 7/7 | 0.23 | 3.37 | 36,36,36,36 | 7 |
| 74 | OHX | D1 | 3463 | 7/7 | 0.17 | 3.35 | 140,140,140,140 | 7 |
| 74 | OHX | D1 | 3441 | 7/7 | 0.18 | 3.35 | 124,124,124,124 | 7 |
| 74 | OHX | D1 | 3487 | 7/7 | 0.27 | 3.34 | 103,103,103,103 | 7 |
| 74 | OHX | C1 | 1972 | 7/7 | 0.30 | 3.32 | 216,216,216,216 | 7 |
| 74 | OHX | B1 | 3510 | 7/7 | 0.35 | 3.31 | 153,153,153,153 | 7 |
| 74 | OHX | D3 | 212 | 7/7 | 0.24 | 3.29 | 71,71,71,71 | 7 |
| 74 | OHX | B1 | 3502 | 7/7 | 0.25 | 3.28 | 166,166,166,166 | 7 |
| 74 | OHX | B1 | 3556 | 7/7 | 0.24 | 3.28 | 104,104,104,104 | 7 |
| 74 | OHX | D1 | 3409 | 7/7 | 0.17 | 3.27 | 114,114,114,114 | 0 |
| 74 | OHX | AT | 401 | 7/7 | 0.36 | 3.26 | 207,207,207,207 | 7 |
| 74 | OHX | D1 | 3516 | 7/7 | 0.35 | 3.25 | 138,138,138,138 | 7 |
| 74 | OHX | D1 | 3523 | 7/7 | 0.20 | 3.23 | 106,106,106,106 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | C1 | 1963 | 7/7 | 0.24 | 3.21 | 94,94,94,94 | 7 |
| 74 | OHX | C1 | 2001 | 7/7 | 0.23 | 3.18 | 130,130,130,130 | 7 |
| 74 | OHX | C1 | 1980 | 7/7 | 0.35 | 3.18 | 162,162,162,162 | 7 |
| 74 | OHX | C1 | 1962 | 7/7 | 0.27 | 3.17 | 180,180,180,180 | 7 |
| 74 | OHX | B1 | 3472 | 7/7 | 0.28 | 3.15 | 132,132,132,132 | 7 |
| 74 | OHX | B1 | 3590 | 7/7 | 0.23 | 3.14 | 69,69,69,69 | 7 |
| 74 | OHX | D1 | 3584 | 7/7 | 0.28 | 3.10 | 47,47,47,47 | 7 |
| 74 | OHX | A1 | 1972 | 7/7 | 0.17 | 3.09 | 87,87,87,87 | 7 |
| 74 | OHX | D1 | 3511 | 7/7 | 0.28 | 3.07 | 85,85,85,85 | 7 |
| 74 | OHX | D1 | 3403 | 7/7 | 0.18 | 3.05 | 96,96,96,96 | 0 |
| 74 | OHX | D1 | 3620 | 7/7 | 0.24 | 3.05 | 78,78,78,78 | 7 |
| 74 | OHX | D1 | 3536 | 7/7 | 0.24 | 3.02 | 140,140,140,140 | 7 |
| 74 | OHX | B1 | 3534 | 7/7 | 0.27 | 2.99 | 128,128,128,128 | 7 |
| 74 | OHX | D1 | 3575 | 7/7 | 0.28 | 2.99 | 84,84,84,84 | 7 |
| 74 | OHX | B1 | 3401 | 7/7 | 0.20 | 2.99 | 90,90,90,90 | 0 |
| 74 | OHX | C1 | 1920 | 7/7 | 0.20 | 2.98 | 103,103,103,103 | 7 |
| 74 | OHX | A1 | 1985 | 7/7 | 0.30 | 2.96 | 86,86,86,86 | 7 |
| 74 | OHX | B1 | 3491 | 7/7 | 0.32 | 2.96 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3585 | 7/7 | 0.24 | 2.91 | 102,102,102,102 | 7 |
| 74 | OHX | B1 | 3619 | 7/7 | 0.26 | 2.90 | 85,85,85,85 | 7 |
| 74 | OHX | B1 | 3456 | 7/7 | 0.23 | 2.87 | 106,106,106,106 | 7 |
| 74 | OHX | D1 | 3534 | 7/7 | 0.46 | 2.86 | 142,142,142,142 | 7 |
| 74 | OHX | B1 | 3481 | 7/7 | 0.25 | 2.83 | 133,133,133,133 | 7 |
| 74 | OHX | A1 | 1932 | 7/7 | 0.20 | 2.83 | 142,142,142,142 | 7 |
| 74 | OHX | D1 | 3401 | 7/7 | 0.22 | 2.82 | 96,96,96,96 | 0 |
| 74 | OHX | D1 | 3433 | 7/7 | 0.24 | 2.81 | 128,128,128,128 | 7 |
| 74 | OHX | B1 | 3461 | 7/7 | 0.19 | 2.76 | 101,101,101,101 | 7 |
| 74 | OHX | D1 | 3466 | 7/7 | 0.21 | 2.75 | 103,103,103,103 | 7 |
| 74 | OHX | B1 | 3563 | 7/7 | 0.20 | 2.74 | 152,152,152,152 | 7 |
| 74 | OHX | D1 | 3436 | 7/7 | 0.19 | 2.71 | 125,125,125,125 | 7 |
| 74 | OHX | D1 | 3432 | 7/7 | 0.20 | 2.68 | 100,100,100,100 | 7 |
| 74 | OHX | C1 | 1978 | 7/7 | 0.29 | 2.67 | 145,145,145,145 | 7 |
| 74 | OHX | D1 | 3508 | 7/7 | 0.21 | 2.66 | 88,88,88,88 | 7 |
| 74 | OHX | B1 | 3614 | 7/7 | 0.34 | 2.66 | 163,163,163,163 | 7 |
| 74 | OHX | D1 | 3422 | 7/7 | 0.20 | 2.65 | 114,114,114,114 | 7 |
| 74 | OHX | A1 | 1904 | 7/7 | 0.15 | 2.65 | 137,137,137,137 | 7 |
| 74 | OHX | D1 | 3440 | 7/7 | 0.21 | 2.64 | 137,137,137,137 | 7 |
| 74 | OHX | B1 | 3486 | 7/7 | 0.18 | 2.62 | 104,104,104,104 | 7 |
| 74 | OHX | A1 | 1965 | 7/7 | 0.24 | 2.60 | 114,114,114,114 | 7 |
| 74 | OHX | D1 | 3417 | 7/7 | 0.23 | 2.60 | 91,91,91,91 | 7 |
| 74 | OHX | B1 | 3607 | 7/7 | 0.30 | 2.56 | 44,44,44,44 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | D1 | 3606 | 7/7 | 0.22 | 2.55 | 63,63,63,63 | 7 |
| 74 | OHX | C1 | 2000 | 7/7 | 0.40 | 2.54 | 82,82,82,82 | 7 |
| 74 | OHX | D1 | 3624 | 7/7 | 0.34 | 2.54 | 95,95,95,95 | 7 |
| 74 | OHX | A1 | 1971 | 7/7 | 0.20 | 2.50 | 94,94,94,94 | 7 |
| 74 | OHX | B1 | 3440 | 7/7 | 0.22 | 2.49 | 105,105,105,105 | 7 |
| 74 | OHX | D1 | 3600 | 7/7 | 0.26 | 2.49 | 96,96,96,96 | 7 |
| 74 | OHX | D1 | 3589 | 7/7 | 0.32 | 2.48 | 56,56,56,56 | 7 |
| 74 | OHX | A1 | 1989 | 7/7 | 0.24 | 2.45 | 70,70,70,70 | 7 |
| 74 | OHX | D1 | 3555 | 7/7 | 0.37 | 2.40 | 150,150,150,150 | 7 |
| 74 | OHX | C1 | 1986 | 7/7 | 0.20 | 2.39 | 169,169,169,169 | 7 |
| 74 | OHX | D1 | 3460 | 7/7 | 0.21 | 2.38 | 138,138,138,138 | 7 |
| 74 | OHX | B1 | 3474 | 7/7 | 0.23 | 2.35 | 179,179,179,179 | 7 |
| 74 | OHX | C1 | 1938 | 7/7 | 0.26 | 2.34 | 191,191,191,191 | 7 |
| 74 | OHX | B1 | 3566 | 7/7 | 0.23 | 2.33 | 107,107,107,107 | 7 |
| 74 | OHX | D1 | 3522 | 7/7 | 0.27 | 2.32 | 133,133,133,133 | 7 |
| 74 | OHX | B1 | 3511 | 7/7 | 0.38 | 2.31 | 160,160,160,160 | 7 |
| 74 | OHX | A1 | 1935 | 7/7 | 0.28 | 2.31 | 156,156,156,156 | 7 |
| 74 | OHX | B1 | 3453 | 7/7 | 0.23 | 2.26 | 127,127,127,127 | 7 |
| 74 | OHX | B1 | 3578 | 7/7 | 0.20 | 2.26 | 112,112,112,112 | 7 |
| 74 | OHX | B1 | 3527 | 7/7 | 0.21 | 2.25 | 84,84,84,84 | 7 |
| 74 | OHX | B1 | 3600 | 7/7 | 0.31 | 2.25 | 135,135,135,135 | 7 |
| 74 | OHX | D1 | 3450 | 7/7 | 0.23 | 2.22 | 112,112,112,112 | 7 |
| 74 | OHX | B1 | 3509 | 7/7 | 0.24 | 2.20 | 124,124,124,124 | 7 |
| 74 | OHX | A1 | 1937 | 7/7 | 0.19 | 2.17 | 158,158,158,158 | 7 |
| 74 | OHX | A1 | 1926 | 7/7 | 0.22 | 2.15 | 87,87,87,87 | 7 |
| 74 | OHX | B2 | 204 | 7/7 | 0.19 | 2.15 | 132,132,132,132 | 7 |
| 74 | OHX | D1 | 3482 | 7/7 | 0.23 | 2.14 | 107,107,107,107 | 7 |
| 74 | OHX | A1 | 1905 | 7/7 | 0.16 | 2.12 | 118,118,118,118 | 0 |
| 74 | OHX | A1 | 1938 | 7/7 | 0.19 | 2.11 | 155,155,155,155 | 7 |
| 74 | OHX | C1 | 1985 | 7/7 | 0.31 | 2.10 | 153,153,153,153 | 7 |
| 74 | OHX | A1 | 1958 | 7/7 | 0.18 | 2.08 | 116,116,116,116 | 7 |
| 74 | OHX | A1 | 2000 | 7/7 | 0.43 | 2.07 | 75,75,75,75 | 7 |
| 74 | OHX | C1 | 1906 | 7/7 | 0.17 | 2.07 | 101,101,101,101 | 7 |
| 74 | OHX | D1 | 3515 | 7/7 | 0.24 | 2.06 | 173,173,173,173 | 7 |
| 74 | OHX | C1 | 1973 | 7/7 | 0.18 | 2.05 | 95,95,95,95 | 7 |
| 74 | OHX | C1 | 1928 | 7/7 | 0.21 | 2.04 | 165,165,165,165 | 7 |
| 74 | OHX | A1 | 1984 | 7/7 | 0.20 | 2.01 | 65,65,65,65 | 7 |
| 74 | OHX | B1 | 3446 | 7/7 | 0.22 | 1.98 | 113,113,113,113 | 7 |
| 74 | OHX | D1 | 3596 | 7/7 | 0.19 | 1.97 | 114,114,114,114 | 7 |
| 74 | OHX | B1 | 3432 | 7/7 | 0.19 | 1.97 | 79,79,79,79 | 7 |
| 74 | OHX | B1 | 3476 | 7/7 | 0.19 | 1.96 | 102,102,102,102 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | D2 | 202 | 7/7 | 0.22 | 1.96 | 106,106,106,106 | 7 |
| 74 | OHX | B1 | 3493 | 7/7 | 0.20 | 1.94 | 135,135,135,135 | 7 |
| 74 | OHX | B1 | 3443 | 7/7 | 0.21 | 1.94 | 134,134,134,134 | 7 |
| 74 | OHX | C1 | 1990 | 7/7 | 0.23 | 1.94 | 105,105,105,105 | 7 |
| 74 | OHX | D1 | 3560 | 7/7 | 0.20 | 1.94 | 82,82,82,82 | 7 |
| 74 | OHX | B1 | 3490 | 7/7 | 0.24 | 1.94 | 109,109,109,109 | 7 |
| 74 | OHX | B1 | 3531 | 7/7 | 0.30 | 1.93 | 65,65,65,65 | 7 |
| 74 | OHX | B1 | 3448 | 7/7 | 0.19 | 1.92 | 124,124,124,124 | 7 |
| 74 | OHX | D1 | 3476 | 7/7 | 0.26 | 1.88 | 100,100,100,100 | 7 |
| 74 | OHX | B1 | 3536 | 7/7 | 0.29 | 1.86 | 324,324,324,324 | 7 |
| 74 | OHX | D1 | 3551 | 7/7 | 0.28 | 1.85 | 120,120,120,120 | 7 |
| 74 | OHX | A1 | 1914 | 7/7 | 0.20 | 1.84 | 145,145,145,145 | 7 |
| 74 | OHX | C1 | 1993 | 7/7 | 0.28 | 1.83 | 93,93,93,93 | 7 |
| 74 | OHX | C1 | 1999 | 7/7 | 0.26 | 1.82 | 41,41,41,41 | 7 |
| 74 | OHX | B1 | 3593 | 7/7 | 0.28 | 1.82 | 46,46,46,46 | 7 |
| 74 | OHX | D1 | 3619 | 7/7 | 0.19 | 1.82 | 86,86,86,86 | 7 |
| 74 | OHX | D1 | 3486 | 7/7 | 0.28 | 1.81 | 143,143,143,143 | 7 |
| 74 | OHX | B1 | 3565 | 7/7 | 0.28 | 1.77 | 120,120,120,120 | 7 |
| 74 | OHX | B1 | 3408 | 7/7 | 0.18 | 1.77 | 98,98,98,98 | 0 |
| 74 | OHX | B1 | 3570 | 7/7 | 0.27 | 1.74 | 91,91,91,91 | 7 |
| 74 | OHX | D3 | 207 | 7/7 | 0.24 | 1.72 | 123,123,123,123 | 7 |
| 74 | OHX | C1 | 1934 | 7/7 | 0.20 | 1.72 | 141,141,141,141 | 7 |
| 74 | OHX | D1 | 3539 | 7/7 | 0.23 | 1.71 | 69,69,69,69 | 7 |
| 74 | OHX | C1 | 1964 | 7/7 | 0.17 | 1.70 | 88,88,88,88 | 7 |
| 74 | OHX | B1 | 3455 | 7/7 | 0.23 | 1.69 | 134,134,134,134 | 7 |
| 74 | OHX | D1 | 3442 | 7/7 | 0.18 | 1.68 | 126,126,126,126 | 7 |
| 74 | OHX | B1 | 3591 | 7/7 | 0.28 | 1.66 | 55,55,55,55 | 7 |
| 74 | OHX | D1 | 3622 | 7/7 | 0.31 | 1.65 | 142,142,142,142 | 7 |
| 74 | OHX | A1 | 1927 | 7/7 | 0.24 | 1.64 | 139,139,139,139 | 7 |
| 74 | OHX | D3 | 206 | 7/7 | 0.36 | 1.64 | 77,77,77,77 | 7 |
| 74 | OHX | B1 | 3419 | 7/7 | 0.16 | 1.63 | 109,109,109,109 | 7 |
| 74 | OHX | C1 | 1949 | 7/7 | 0.18 | 1.62 | 97,97,97,97 | 7 |
| 74 | OHX | D1 | 3569 | 7/7 | 0.27 | 1.62 | 88,88,88,88 | 7 |
| 74 | OHX | B1 | 3475 | 7/7 | 0.20 | 1.61 | 84,84,84,84 | 7 |
| 74 | OHX | D2 | 207 | 7/7 | 0.23 | 1.60 | 111,111,111,111 | 7 |
| 74 | OHX | D1 | 3612 | 7/7 | 0.19 | 1.60 | 36,36,36,36 | 7 |
| 74 | OHX | D1 | 3469 | 7/7 | 0.23 | 1.59 | 152,152,152,152 | 7 |
| 74 | OHX | A1 | 1919 | 7/7 | 0.23 | 1.58 | 141,141,141,141 | 7 |
| 74 | OHX | B1 | 3433 | 7/7 | 0.19 | 1.57 | 98,98,98,98 | 7 |
| 74 | OHX | D1 | 3496 | 7/7 | 0.25 | 1.56 | 155,155,155,155 | 7 |
| 74 | OHX | C1 | 1971 | 7/7 | 0.24 | 1.56 | 131,131,131,131 | 7 |
| 74 | OHX | D3 | 209 | 7/7 | 0.20 | 1.52 | 127,127,127,127 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | C1 | 1923 | 7/7 | 0.22 | 1.52 | 123,123,123,123 | 7 |
| 74 | OHX | B1 | 3522 | 7/7 | 0.14 | 1.52 | 129,129,129,129 | 7 |
| 74 | OHX | B1 | 3620 | 7/7 | 0.26 | 1.51 | 58,58,58,58 | 7 |
| 74 | OHX | B1 | 3483 | 7/7 | 0.27 | 1.50 | 71,71,71,71 | 7 |
| 74 | OHX | C1 | 1959 | 7/7 | 0.28 | 1.49 | 166,166,166,166 | 7 |
| 74 | OHX | B1 | 3416 | 7/7 | 0.21 | 1.48 | 113,113,113,113 | 0 |
| 74 | OHX | B1 | 3610 | 7/7 | 0.26 | 1.48 | 68,68,68,68 | 7 |
| 74 | OHX | D1 | 3531 | 7/7 | 0.31 | 1.48 | 136,136,136,136 | 7 |
| 74 | OHX | B1 | 3526 | 7/7 | 0.23 | 1.46 | 174,174,174,174 | 7 |
| 74 | OHX | B1 | 3427 | 7/7 | 0.21 | 1.46 | 95,95,95,95 | 7 |
| 74 | OHX | C1 | 1913 | 7/7 | 0.21 | 1.44 | 149,149,149,149 | 7 |
| 74 | OHX | B1 | 3477 | 7/7 | 0.20 | 1.43 | 101,101,101,101 | 7 |
| 74 | OHX | B2 | 202 | 7/7 | 0.19 | 1.43 | 106,106,106,106 | 7 |
| 74 | OHX | D1 | 3411 | 7/7 | 0.16 | 1.42 | 117,117,117,117 | 0 |
| 74 | OHX | B3 | 212 | 7/7 | 0.22 | 1.42 | 98,98,98,98 | 7 |
| 74 | OHX | A1 | 1948 | 7/7 | 0.23 | 1.38 | 106,106,106,106 | 7 |
| 74 | OHX | A1 | 1963 | 7/7 | 0.35 | 1.37 | 137,137,137,137 | 7 |
| 74 | OHX | C1 | 1926 | 7/7 | 0.21 | 1.35 | 96,96,96,96 | 7 |
| 74 | OHX | D1 | 3435 | 7/7 | 0.16 | 1.34 | 92,92,92,92 | 7 |
| 74 | OHX | D1 | 3621 | 7/7 | 0.24 | 1.34 | 67,67,67,67 | 7 |
| 74 | OHX | B1 | 3465 | 7/7 | 0.17 | 1.33 | 142,142,142,142 | 7 |
| 74 | OHX | B1 | 3618 | 7/7 | 0.21 | 1.33 | 109,109,109,109 | 7 |
| 74 | OHX | D1 | 3483 | 7/7 | 0.21 | 1.28 | 98,98,98,98 | 7 |
| 74 | OHX | D1 | 3418 | 7/7 | 0.20 | 1.28 | 103,103,103,103 | 0 |
| 74 | OHX | D1 | 3402 | 7/7 | 0.22 | 1.27 | 100,100,100,100 | 0 |
| 74 | OHX | A1 | 1946 | 7/7 | 0.20 | 1.25 | 153,153,153,153 | 7 |
| 74 | OHX | D1 | 3443 | 7/7 | 0.16 | 1.24 | 96,96,96,96 | 7 |
| 74 | OHX | A1 | 1996 | 7/7 | 0.27 | 1.23 | 100,100,100,100 | 7 |
| 74 | OHX | D1 | 3455 | 7/7 | 0.13 | 1.21 | 110,110,110,110 | 7 |
| 74 | OHX | D1 | 3588 | 7/7 | 0.21 | 1.20 | 336,336,336,336 | 7 |
| 74 | OHX | A1 | 1944 | 7/7 | 0.24 | 1.20 | 108,108,108,108 | 7 |
| 74 | OHX | B1 | 3412 | 7/7 | 0.15 | 1.19 | 121,121,121,121 | 0 |
| 74 | OHX | B1 | 3462 | 7/7 | 0.21 | 1.19 | 90,90,90,90 | 7 |
| 74 | OHX | B1 | 3537 | 7/7 | 0.19 | 1.16 | 56,56,56,56 | 7 |
| 74 | OHX | D1 | 3480 | 7/7 | 0.18 | 1.16 | 127,127,127,127 | 7 |
| 74 | OHX | D1 | 3471 | 7/7 | 0.23 | 1.15 | 260,260,260,260 | 7 |
| 74 | OHX | CS | 102 | 7/7 | 0.35 | 1.15 | 184,184,184,184 | 7 |
| 74 | OHX | D1 | 3501 | 7/7 | 0.15 | 1.15 | 102,102,102,102 | 7 |
| 74 | OHX | A1 | 1979 | 7/7 | 0.17 | 1.14 | 81,81,81,81 | 7 |
| 74 | OHX | D1 | 3447 | 7/7 | 0.21 | 1.14 | 142,142,142,142 | 7 |
| 74 | OHX | D1 | 3488 | 7/7 | 0.20 | 1.14 | 141,141,141,141 | 7 |
| 74 | OHX | B1 | 3518 | 7/7 | 0.21 | 1.14 | 105,105,105,105 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|------|-----------------------------|-------|
| 74 | OHX | B1 | 3482 | 7/7 | 0.18 | 1.13 | 111,111,111,111 | 7 |
| 74 | OHX | D1 | 3407 | 7/7 | 0.14 | 1.13 | 113,113,113,113 | 0 |
| 74 | OHX | B1 | 3586 | 7/7 | 0.33 | 1.11 | 116,116,116,116 | 7 |
| 74 | OHX | D2 | 205 | 7/7 | 0.25 | 1.10 | 84,84,84,84 | 7 |
| 74 | OHX | DO | 301 | 7/7 | 0.24 | 1.09 | 285,285,285,285 | 7 |
| 74 | OHX | A1 | 1949 | 7/7 | 0.21 | 1.09 | 101,101,101,101 | 7 |
| 74 | OHX | C1 | 1902 | 7/7 | 0.21 | 1.08 | 108,108,108,108 | 0 |
| 74 | OHX | A1 | 1911 | 7/7 | 0.20 | 1.08 | 112,112,112,112 | 7 |
| 74 | OHX | B1 | 3409 | 7/7 | 0.19 | 1.06 | 122,122,122,122 | 0 |
| 74 | OHX | B2 | 206 | 7/7 | 0.22 | 1.00 | 128,128,128,128 | 7 |
| 74 | OHX | D1 | 3521 | 7/7 | 0.23 | 0.98 | 163,163,163,163 | 7 |
| 74 | OHX | C1 | 1969 | 7/7 | 0.24 | 0.97 | 133,133,133,133 | 7 |
| 74 | OHX | B1 | 3553 | 7/7 | 0.20 | 0.93 | 66,66,66,66 | 7 |
| 74 | OHX | B1 | 3410 | 7/7 | 0.18 | 0.92 | 111,111,111,111 | 0 |
| 74 | OHX | DC | 401 | 7/7 | 0.22 | 0.92 | 93,93,93,93 | 7 |
| 74 | OHX | A1 | 1953 | 7/7 | 0.39 | 0.91 | 122,122,122,122 | 7 |
| 74 | OHX | B1 | 3612 | 7/7 | 0.26 | 0.91 | 45,45,45,45 | 7 |
| 74 | OHX | D1 | 3509 | 7/7 | 0.34 | 0.90 | 120,120,120,120 | 7 |
| 74 | OHX | B1 | 3438 | 7/7 | 0.17 | 0.89 | 168,168,168,168 | 7 |
| 74 | OHX | B1 | 3405 | 7/7 | 0.17 | 0.88 | 101,101,101,101 | 0 |
| 74 | OHX | B1 | 3452 | 7/7 | 0.19 | 0.88 | 134,134,134,134 | 7 |
| 74 | OHX | C1 | 1968 | 7/7 | 0.31 | 0.85 | 103,103,103,103 | 7 |
| 74 | OHX | D1 | 3598 | 7/7 | 0.26 | 0.85 | 65,65,65,65 | 7 |
| 74 | OHX | C1 | 1904 | 7/7 | 0.16 | 0.84 | 113,113,113,113 | 0 |
| 74 | OHX | C1 | 1918 | 7/7 | 0.15 | 0.83 | 123,123,123,123 | 7 |
| 74 | OHX | D1 | 3608 | 7/7 | 0.20 | 0.83 | 14,14,14,14 | 7 |
| 74 | OHX | D3 | 204 | 7/7 | 0.18 | 0.83 | 120,120,120,120 | 7 |
| 74 | OHX | A1 | 1936 | 7/7 | 0.23 | 0.83 | 129,129,129,129 | 7 |
| 74 | OHX | C1 | 1910 | 7/7 | 0.18 | 0.78 | 138,138,138,138 | 7 |
| 74 | OHX | A1 | 1990 | 7/7 | 0.29 | 0.78 | 117,117,117,117 | 7 |
| 74 | OHX | DT | 201 | 7/7 | 0.19 | 0.77 | 100,100,100,100 | 0 |
| 74 | OHX | A1 | 1986 | 7/7 | 0.17 | 0.77 | 98,98,98,98 | 7 |
| 74 | OHX | A1 | 1917 | 7/7 | 0.14 | 0.77 | 130,130,130,130 | 7 |
| 74 | OHX | D1 | 3572 | 7/7 | 0.26 | 0.77 | 91,91,91,91 | 7 |
| 74 | OHX | A1 | 1918 | 7/7 | 0.19 | 0.76 | 94,94,94,94 | 7 |
| 74 | OHX | B1 | 3426 | 7/7 | 0.17 | 0.76 | 111,111,111,111 | 7 |
| 74 | OHX | C1 | 1977 | 7/7 | 0.24 | 0.75 | 102,102,102,102 | 7 |
| 74 | OHX | C1 | 1932 | 7/7 | 0.17 | 0.74 | 115,115,115,115 | 7 |
| 74 | OHX | B3 | 203 | 7/7 | 0.20 | 0.73 | 140,140,140,140 | 7 |
| 74 | OHX | D1 | 3506 | 7/7 | 0.34 | 0.71 | 131,131,131,131 | 7 |
| 74 | OHX | C1 | 1916 | 7/7 | 0.23 | 0.71 | 169,169,169,169 | 7 |
| 74 | OHX | D1 | 3445 | 7/7 | 0.18 | 0.69 | 101,101,101,101 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|------|----------------------------|-------|
| 74 | OHX | B1 | 3429 | 7/7 | 0.18 | 0.69 | 93,93,93,93 | 7 |
| 74 | OHX | B1 | 3513 | 7/7 | 0.21 | 0.68 | 171,171,171,171 | 7 |
| 74 | OHX | B1 | 3425 | 7/7 | 0.17 | 0.66 | 108,108,108,108 | 7 |
| 74 | OHX | B1 | 3406 | 7/7 | 0.22 | 0.66 | 106,106,106,106 | 0 |
| 74 | OHX | A1 | 1909 | 7/7 | 0.15 | 0.63 | 115,115,115,115 | 7 |
| 74 | OHX | A1 | 1957 | 7/7 | 0.18 | 0.60 | 129,129,129,129 | 7 |
| 74 | OHX | A1 | 1982 | 7/7 | 0.19 | 0.59 | 148,148,148,148 | 7 |
| 74 | OHX | D1 | 3576 | 7/7 | 0.18 | 0.58 | 76,76,76,76 | 7 |
| 74 | OHX | D1 | 3499 | 7/7 | 0.25 | 0.57 | 114,114,114,114 | 7 |
| 74 | OHX | B1 | 3576 | 7/7 | 0.22 | 0.56 | 86,86,86,86 | 7 |
| 74 | OHX | B1 | 3459 | 7/7 | 0.17 | 0.55 | 160,160,160,160 | 7 |
| 74 | OHX | B1 | 3516 | 7/7 | 0.17 | 0.53 | 136,136,136,136 | 7 |
| 74 | OHX | C1 | 1954 | 7/7 | 0.28 | 0.53 | 116,116,116,116 | 7 |
| 74 | OHX | D1 | 3607 | 7/7 | 0.24 | 0.48 | 78,78,78,78 | 7 |
| 74 | OHX | B1 | 3470 | 7/7 | 0.17 | 0.48 | 122,122,122,122 | 7 |
| 74 | OHX | B1 | 3559 | 7/7 | 0.20 | 0.48 | 68,68,68,68 | 7 |
| 74 | OHX | D1 | 3446 | 7/7 | 0.15 | 0.45 | 83,83,83,83 | 7 |
| 74 | OHX | D1 | 3543 | 7/7 | 0.18 | 0.45 | 45,45,45,45 | 7 |
| 74 | OHX | D1 | 3456 | 7/7 | 0.20 | 0.44 | 131,131,131,131 | 7 |
| 74 | OHX | C1 | 1983 | 7/7 | 0.19 | 0.43 | 59,59,59,59 | 7 |
| 74 | OHX | D1 | 3520 | 7/7 | 0.17 | 0.43 | 109,109,109,109 | 7 |
| 74 | OHX | D1 | 3419 | 7/7 | 0.16 | 0.41 | 92,92,92,92 | 0 |
| 74 | OHX | B1 | 3503 | 7/7 | 0.17 | 0.41 | 86,86,86,86 | 7 |
| 74 | OHX | B2 | 205 | 7/7 | 0.17 | 0.40 | 159,159,159,159 | 7 |
| 74 | OHX | D1 | 3518 | 7/7 | 0.22 | 0.39 | 108,108,108,108 | 7 |
| 74 | OHX | B1 | 3437 | 7/7 | 0.23 | 0.38 | 156,156,156,156 | 7 |
| 74 | OHX | C1 | 1933 | 7/7 | 0.20 | 0.35 | 111,111,111,111 | 7 |
| 74 | OHX | A1 | 1943 | 7/7 | 0.18 | 0.33 | 176,176,176,176 | 7 |
| 74 | OHX | B1 | 3585 | 7/7 | 0.23 | 0.33 | 197,197,197,197 | 7 |
| 74 | OHX | B1 | 3499 | 7/7 | 0.15 | 0.31 | 123,123,123,123 | 7 |
| 74 | OHX | B1 | 3449 | 7/7 | 0.18 | 0.30 | 105,105,105,105 | 7 |
| 74 | OHX | Dd | 102 | 7/7 | 0.24 | 0.30 | 118,118,118,118 | 7 |
| 74 | OHX | B1 | 3447 | 7/7 | 0.15 | 0.28 | 126,126,126,126 | 7 |
| 74 | OHX | A1 | 1950 | 7/7 | 0.18 | 0.28 | 127,127,127,127 | 7 |
| 74 | OHX | D1 | 3561 | 7/7 | 0.19 | 0.27 | 65,65,65,65 | 7 |
| 74 | OHX | B1 | 3494 | 7/7 | 0.18 | 0.26 | 118,118,118,118 | 7 |
| 74 | OHX | B1 | 3485 | 7/7 | 0.20 | 0.25 | 110,110,110,110 | 7 |
| 74 | OHX | A1 | 1980 | 7/7 | 0.18 | 0.23 | 136,136,136,136 | 7 |
| 74 | OHX | D1 | 3458 | 7/7 | 0.16 | 0.23 | 103,103,103,103 | 7 |
| 74 | OHX | C1 | 1951 | 7/7 | 0.16 | 0.23 | 152,152,152,152 | 7 |
| 74 | OHX | D2 | 206 | 7/7 | 0.14 | 0.21 | 85,85,85,85 | 7 |
| 74 | OHX | B1 | 3430 | 7/7 | 0.15 | 0.21 | 99,99,99,99 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|----------------------------|-------|
| 74 | OHX | B1 | 3463 | 7/7 | 0.16 | 0.21 | 137,137,137,137 | 7 |
| 74 | OHX | B1 | 3420 | 7/7 | 0.18 | 0.21 | 93,93,93,93 | 7 |
| 74 | OHX | D1 | 3412 | 7/7 | 0.18 | 0.21 | 126,126,126,126 | 0 |
| 74 | OHX | D1 | 3416 | 7/7 | 0.15 | 0.21 | 108,108,108,108 | 7 |
| 74 | OHX | D1 | 3574 | 7/7 | 0.19 | 0.20 | 114,114,114,114 | 7 |
| 74 | OHX | B1 | 3466 | 7/7 | 0.14 | 0.20 | 120,120,120,120 | 7 |
| 74 | OHX | C1 | 1931 | 7/7 | 0.20 | 0.19 | 130,130,130,130 | 7 |
| 74 | OHX | D1 | 3473 | 7/7 | 0.16 | 0.19 | 123,123,123,123 | 7 |
| 74 | OHX | D1 | 3444 | 7/7 | 0.17 | 0.18 | 72,72,72,72 | 7 |
| 74 | OHX | C1 | 1922 | 7/7 | 0.18 | 0.18 | 142,142,142,142 | 7 |
| 74 | OHX | B1 | 3418 | 7/7 | 0.15 | 0.18 | 106,106,106,106 | 0 |
| 74 | OHX | B1 | 3488 | 7/7 | 0.17 | 0.18 | 104,104,104,104 | 7 |
| 74 | OHX | A1 | 1973 | 7/7 | 0.25 | 0.17 | 101,101,101,101 | 7 |
| 74 | OHX | D3 | 203 | 7/7 | 0.16 | 0.17 | 86,86,86,86 | 7 |
| 74 | OHX | D1 | 3604 | 7/7 | 0.16 | 0.17 | 44,44,44,44 | 7 |
| 74 | OHX | A1 | 1908 | 7/7 | 0.22 | 0.15 | 96,96,96,96 | 7 |
| 74 | OHX | CT | 401 | 7/7 | 0.23 | 0.13 | 117,117,117,117 | 7 |
| 74 | OHX | D1 | 3530 | 7/7 | 0.17 | 0.13 | 51,51,51,51 | 7 |
| 74 | OHX | C1 | 1937 | 7/7 | 0.18 | 0.13 | 124,124,124,124 | 7 |
| 74 | OHX | A1 | 1912 | 7/7 | 0.15 | 0.11 | 125,125,125,125 | 7 |
| 74 | OHX | B1 | 3487 | 7/7 | 0.23 | 0.10 | 116,116,116,116 | 7 |
| 74 | OHX | B1 | 3442 | 7/7 | 0.18 | 0.10 | 89,89,89,89 | 7 |
| 74 | OHX | A1 | 1916 | 7/7 | 0.14 | 0.10 | 91,91,91,91 | 7 |
| 74 | OHX | D1 | 3583 | 7/7 | 0.28 | 0.09 | 88,88,88,88 | 7 |
| 74 | OHX | B3 | 211 | 7/7 | 0.15 | 0.08 | 67,67,67,67 | 7 |
| 74 | OHX | B1 | 3421 | 7/7 | 0.18 | 0.05 | 141,141,141,141 | 0 |
| 74 | OHX | C1 | 1956 | 7/7 | 0.27 | 0.03 | 170,170,170,170 | 7 |
| 74 | OHX | C1 | 1917 | 7/7 | 0.17 | 0.02 | 130,130,130,130 | 7 |
| 74 | OHX | A1 | 1906 | 7/7 | 0.16 | 0.01 | 97,97,97,97 | 7 |
| 74 | OHX | B1 | 3507 | 7/7 | 0.23 | -0.01 | 104,104,104,104 | 7 |
| 74 | OHX | D1 | 3434 | 7/7 | 0.13 | -0.02 | 77,77,77,77 | 7 |
| 74 | OHX | B1 | 3569 | 7/7 | 0.16 | -0.03 | 95,95,95,95 | 7 |
| 74 | OHX | D1 | 3484 | 7/7 | 0.21 | -0.03 | 116,116,116,116 | 7 |
| 74 | OHX | D1 | 3492 | 7/7 | 0.17 | -0.03 | 112,112,112,112 | 7 |
| 74 | OHX | C1 | 1901 | 7/7 | 0.14 | -0.05 | 100,100,100,100 | 0 |
| 74 | OHX | B1 | 3436 | 7/7 | 0.15 | -0.07 | 104,104,104,104 | 7 |
| 74 | OHX | CS | 101 | 7/7 | 0.17 | -0.07 | 46,46,46,46 | 7 |
| 74 | OHX | D1 | 3461 | 7/7 | 0.19 | -0.10 | 128,128,128,128 | 7 |
| 74 | OHX | C1 | 1994 | 7/7 | 0.23 | -0.11 | 47,47,47,47 | 7 |
| 74 | OHX | C1 | 1942 | 7/7 | 0.18 | -0.11 | 112,112,112,112 | 7 |
| 74 | OHX | A1 | 1994 | 7/7 | 0.23 | -0.12 | 123,123,123,123 | 7 |
| 74 | OHX | D1 | 3512 | 7/7 | 0.16 | -0.13 | 108,108,108,108 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|----------------------------|-------|
| 74 | OHX | A1 | 1910 | 7/7 | 0.15 | -0.14 | 146,146,146,146 | 7 |
| 74 | OHX | C1 | 1952 | 7/7 | 0.19 | -0.14 | 239,239,239,239 | 7 |
| 74 | OHX | Bg | 101 | 7/7 | 0.14 | -0.15 | 79,79,79,79 | 7 |
| 74 | OHX | A1 | 1975 | 7/7 | 0.15 | -0.15 | 67,67,67,67 | 7 |
| 74 | OHX | C1 | 1943 | 7/7 | 0.14 | -0.16 | 141,141,141,141 | 7 |
| 74 | OHX | D1 | 3548 | 7/7 | 0.22 | -0.17 | 77,77,77,77 | 7 |
| 74 | OHX | D1 | 3537 | 7/7 | 0.21 | -0.18 | 74,74,74,74 | 7 |
| 74 | OHX | B3 | 204 | 7/7 | 0.14 | -0.23 | 84,84,84,84 | 7 |
| 74 | OHX | A1 | 1902 | 7/7 | 0.14 | -0.23 | 112,112,112,112 | 0 |
| 74 | OHX | C1 | 1912 | 7/7 | 0.14 | -0.25 | 117,117,117,117 | 7 |
| 74 | OHX | C1 | 1955 | 7/7 | 0.18 | -0.25 | 106,106,106,106 | 7 |
| 74 | OHX | D1 | 3478 | 7/7 | 0.15 | -0.25 | 117,117,117,117 | 7 |
| 74 | OHX | B3 | 207 | 7/7 | 0.18 | -0.27 | 68,68,68,68 | 7 |
| 74 | OHX | D1 | 3562 | 7/7 | 0.16 | -0.27 | 121,121,121,121 | 7 |
| 74 | OHX | C1 | 1941 | 7/7 | 0.19 | -0.27 | 109,109,109,109 | 7 |
| 74 | OHX | D1 | 3540 | 7/7 | 0.20 | -0.28 | 85,85,85,85 | 7 |
| 74 | OHX | B3 | 208 | 7/7 | 0.19 | -0.29 | 79,79,79,79 | 7 |
| 74 | OHX | B1 | 3496 | 7/7 | 0.13 | -0.29 | 122,122,122,122 | 7 |
| 74 | OHX | D1 | 3404 | 7/7 | 0.19 | -0.29 | 99,99,99,99 | 0 |
| 74 | OHX | C1 | 1930 | 7/7 | 0.16 | -0.30 | 112,112,112,112 | 7 |
| 74 | OHX | A1 | 1924 | 7/7 | 0.19 | -0.30 | 150,150,150,150 | 7 |
| 74 | OHX | D1 | 3526 | 7/7 | 0.17 | -0.30 | 158,158,158,158 | 7 |
| 74 | OHX | C1 | 1948 | 7/7 | 0.21 | -0.31 | 117,117,117,117 | 7 |
| 74 | OHX | B1 | 3540 | 7/7 | 0.16 | -0.31 | 58,58,58,58 | 7 |
| 74 | OHX | B1 | 3460 | 7/7 | 0.16 | -0.31 | 137,137,137,137 | 7 |
| 74 | OHX | A1 | 1933 | 7/7 | 0.19 | -0.31 | 152,152,152,152 | 7 |
| 74 | OHX | B1 | 3480 | 7/7 | 0.16 | -0.31 | 85,85,85,85 | 7 |
| 74 | OHX | B1 | 3473 | 7/7 | 0.16 | -0.32 | 91,91,91,91 | 7 |
| 74 | OHX | A1 | 2001 | 7/7 | 0.18 | -0.32 | 26,26,26,26 | 7 |
| 74 | OHX | D3 | 205 | 7/7 | 0.23 | -0.32 | 199,199,199,199 | 7 |
| 74 | OHX | B1 | 3428 | 7/7 | 0.15 | -0.33 | 109,109,109,109 | 7 |
| 74 | OHX | C1 | 1945 | 7/7 | 0.22 | -0.34 | 122,122,122,122 | 7 |
| 74 | OHX | B3 | 201 | 7/7 | 0.18 | -0.35 | 117,117,117,117 | 0 |
| 74 | OHX | D1 | 3503 | 7/7 | 0.22 | -0.35 | 120,120,120,120 | 7 |
| 74 | OHX | DO | 302 | 7/7 | 0.23 | -0.35 | 77,77,77,77 | 7 |
| 74 | OHX | B1 | 3478 | 7/7 | 0.13 | -0.37 | 110,110,110,110 | 7 |
| 74 | OHX | DE | 301 | 7/7 | 0.25 | -0.38 | 302,302,302,302 | 7 |
| 74 | OHX | D1 | 3577 | 7/7 | 0.18 | -0.40 | 198,198,198,198 | 7 |
| 74 | OHX | B1 | 3451 | 7/7 | 0.16 | -0.40 | 86,86,86,86 | 7 |
| 74 | OHX | A1 | 1976 | 7/7 | 0.17 | -0.41 | 51,51,51,51 | 7 |
| 74 | OHX | B1 | 3505 | 7/7 | 0.16 | -0.42 | 134,134,134,134 | 7 |
| 74 | OHX | C1 | 1907 | 7/7 | 0.14 | -0.43 | 123,123,123,123 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|-----------------------------|-------|
| 74 | OHX | D1 | 3425 | 7/7 | 0.14 | -0.43 | 126,126,126,126 | 7 |
| 74 | OHX | D3 | 201 | 7/7 | 0.13 | -0.43 | 93,93,93,93 | 0 |
| 74 | OHX | B1 | 3529 | 7/7 | 0.16 | -0.43 | 171,171,171,171 | 7 |
| 74 | OHX | A1 | 1901 | 7/7 | 0.14 | -0.45 | 100,100,100,100 | 0 |
| 74 | OHX | A1 | 1915 | 7/7 | 0.17 | -0.46 | 129,129,129,129 | 7 |
| 74 | OHX | DJ | 301 | 7/7 | 0.29 | -0.49 | 138,138,138,138 | 7 |
| 74 | OHX | A1 | 1929 | 7/7 | 0.13 | -0.49 | 114,114,114,114 | 7 |
| 74 | OHX | D1 | 3556 | 7/7 | 0.21 | -0.49 | 146,146,146,146 | 7 |
| 74 | OHX | B1 | 3587 | 7/7 | 0.14 | -0.51 | 154,154,154,154 | 7 |
| 74 | OHX | D1 | 3462 | 7/7 | 0.15 | -0.54 | 114,114,114,114 | 7 |
| 74 | OHX | D1 | 3464 | 7/7 | 0.18 | -0.56 | 92,92,92,92 | 7 |
| 74 | OHX | B1 | 3500 | 7/7 | 0.14 | -0.57 | 116,116,116,116 | 7 |
| 74 | OHX | D1 | 3493 | 7/7 | 0.16 | -0.57 | 126,126,126,126 | 7 |
| 74 | OHX | CI | 201 | 7/7 | 0.28 | -0.58 | 143,143,143,143 | 7 |
| 74 | OHX | D1 | 3465 | 7/7 | 0.16 | -0.60 | 101,101,101,101 | 7 |
| 74 | OHX | D1 | 3495 | 7/7 | 0.17 | -0.61 | 160,160,160,160 | 7 |
| 74 | OHX | C1 | 1946 | 7/7 | 0.18 | -0.62 | 63,63,63,63 | 7 |
| 74 | OHX | D1 | 3448 | 7/7 | 0.19 | -0.63 | 107,107,107,107 | 7 |
| 74 | OHX | A1 | 1913 | 7/7 | 0.10 | -0.64 | 135,135,135,135 | 7 |
| 74 | OHX | D1 | 3502 | 7/7 | 0.13 | -0.64 | 79,79,79,79 | 7 |
| 74 | OHX | AS | 101 | 7/7 | 0.13 | -0.65 | 29,29,29,29 | 7 |
| 74 | OHX | D1 | 3426 | 7/7 | 0.15 | -0.67 | 112,112,112,112 | 7 |
| 74 | OHX | Bd | 102 | 7/7 | 0.18 | -0.67 | 73,73,73,73 | 7 |
| 74 | OHX | D1 | 3571 | 7/7 | 0.16 | -0.67 | 77,77,77,77 | 7 |
| 74 | OHX | C1 | 1908 | 7/7 | 0.14 | -0.68 | 104,104,104,104 | 7 |
| 74 | OHX | B1 | 3411 | 7/7 | 0.15 | -0.68 | 105,105,105,105 | 0 |
| 74 | OHX | Bd | 101 | 7/7 | 0.17 | -0.69 | 32,32,32,32 | 7 |
| 74 | OHX | BT | 201 | 7/7 | 0.14 | -0.69 | 91,91,91,91 | 7 |
| 74 | OHX | A1 | 1945 | 7/7 | 0.17 | -0.71 | 108,108,108,108 | 7 |
| 74 | OHX | B1 | 3424 | 7/7 | 0.15 | -0.72 | 105,105,105,105 | 7 |
| 74 | OHX | B1 | 3492 | 7/7 | 0.12 | -0.74 | 70,70,70,70 | 7 |
| 74 | OHX | A1 | 1931 | 7/7 | 0.13 | -0.75 | 96,96,96,96 | 7 |
| 74 | OHX | B1 | 3404 | 7/7 | 0.15 | -0.76 | 114,114,114,114 | 0 |
| 74 | OHX | B1 | 3471 | 7/7 | 0.13 | -0.78 | 130,130,130,130 | 7 |
| 74 | OHX | C1 | 1935 | 7/7 | 0.16 | -0.83 | 93,93,93,93 | 7 |
| 74 | OHX | B1 | 3445 | 7/7 | 0.10 | -0.84 | 113,113,113,113 | 7 |
| 74 | OHX | C1 | 1905 | 7/7 | 0.12 | -0.85 | 114,114,114,114 | 7 |
| 74 | OHX | C1 | 1927 | 7/7 | 0.13 | -0.85 | 149,149,149,149 | 7 |
| 74 | OHX | D1 | 3427 | 7/7 | 0.15 | -0.88 | 90,90,90,90 | 7 |
| 74 | OHX | D1 | 3454 | 7/7 | 0.17 | -0.92 | 117,117,117,117 | 7 |
| 74 | OHX | A1 | 1903 | 7/7 | 0.11 | -0.93 | 122,122,122,122 | 7 |
| 74 | OHX | Dg | 101 | 7/7 | 0.16 | -0.94 | 69,69,69,69 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(Å ²) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|----------------------------|-------|
| 74 | OHX | B1 | 3407 | 7/7 | 0.12 | -0.95 | 105,105,105,105 | 0 |
| 74 | OHX | C1 | 1909 | 7/7 | 0.12 | -0.97 | 130,130,130,130 | 7 |
| 74 | OHX | B1 | 3444 | 7/7 | 0.14 | -0.99 | 111,111,111,111 | 7 |
| 74 | OHX | B1 | 3414 | 7/7 | 0.14 | -1.02 | 106,106,106,106 | 0 |
| 74 | OHX | B1 | 3415 | 7/7 | 0.14 | -1.04 | 93,93,93,93 | 7 |
| 74 | OHX | C1 | 1914 | 7/7 | 0.12 | -1.08 | 128,128,128,128 | 7 |
| 74 | OHX | B1 | 3567 | 7/7 | 0.10 | -1.09 | 126,126,126,126 | 7 |
| 74 | OHX | D1 | 3567 | 7/7 | 0.14 | -1.11 | 106,106,106,106 | 7 |
| 74 | OHX | C1 | 1953 | 7/7 | 0.13 | -1.13 | 56,56,56,56 | 7 |
| 74 | OHX | B1 | 3450 | 7/7 | 0.11 | -1.18 | 91,91,91,91 | 7 |
| 74 | OHX | BC | 401 | 7/7 | 0.20 | -1.22 | 66,66,66,66 | 7 |
| 74 | OHX | D2 | 201 | 7/7 | 0.11 | -1.23 | 94,94,94,94 | 7 |
| 74 | OHX | A1 | 1920 | 7/7 | 0.14 | -1.25 | 126,126,126,126 | 7 |
| 74 | OHX | C1 | 1944 | 7/7 | 0.12 | -1.32 | 134,134,134,134 | 7 |
| 74 | OHX | B1 | 3417 | 7/7 | 0.12 | -1.32 | 102,102,102,102 | 0 |
| 74 | OHX | A1 | 1928 | 7/7 | 0.15 | -1.32 | 99,99,99,99 | 7 |
| 74 | OHX | D1 | 3428 | 7/7 | 0.13 | -1.33 | 80,80,80,80 | 7 |
| 74 | OHX | D1 | 3414 | 7/7 | 0.10 | -1.34 | 114,114,114,114 | 0 |
| 74 | OHX | D1 | 3582 | 7/7 | 0.11 | -1.36 | 71,71,71,71 | 7 |
| 74 | OHX | D1 | 3470 | 7/7 | 0.14 | -1.39 | 84,84,84,84 | 7 |
| 74 | OHX | D1 | 3421 | 7/7 | 0.15 | -1.39 | 98,98,98,98 | 7 |
| 74 | OHX | D1 | 3420 | 7/7 | 0.10 | -1.40 | 112,112,112,112 | 0 |
| 74 | OHX | B2 | 201 | 7/7 | 0.09 | -1.44 | 141,141,141,141 | 7 |
| 74 | OHX | D1 | 3504 | 7/7 | 0.14 | -1.46 | 101,101,101,101 | 7 |
| 74 | OHX | D1 | 3415 | 7/7 | 0.12 | -1.51 | 139,139,139,139 | 0 |
| 74 | OHX | Dd | 101 | 7/7 | 0.13 | -1.52 | 32,32,32,32 | 7 |
| 74 | OHX | AL | 201 | 7/7 | 0.17 | -1.56 | 122,122,122,122 | 7 |
| 74 | OHX | D1 | 3406 | 7/7 | 0.12 | -1.57 | 107,107,107,107 | 0 |
| 74 | OHX | A1 | 1987 | 7/7 | 0.20 | -1.59 | 72,72,72,72 | 7 |
| 74 | OHX | B3 | 202 | 7/7 | 0.14 | -1.59 | 116,116,116,116 | 0 |
| 74 | OHX | D1 | 3438 | 7/7 | 0.11 | -1.61 | 98,98,98,98 | 7 |
| 74 | OHX | A1 | 1956 | 7/7 | 0.12 | -1.68 | 159,159,159,159 | 7 |
| 74 | OHX | D1 | 3452 | 7/7 | 0.09 | -1.70 | 94,94,94,94 | 7 |
| 74 | OHX | D1 | 3408 | 7/7 | 0.10 | -1.71 | 143,143,143,143 | 0 |
| 74 | OHX | C1 | 1911 | 7/7 | 0.12 | -1.73 | 96,96,96,96 | 7 |
| 74 | OHX | B1 | 3413 | 7/7 | 0.11 | -1.73 | 106,106,106,106 | 7 |
| 74 | OHX | B3 | 205 | 7/7 | 0.13 | -1.75 | 123,123,123,123 | 7 |
| 74 | OHX | D1 | 3430 | 7/7 | 0.15 | -1.80 | 101,101,101,101 | 7 |
| 74 | OHX | D3 | 202 | 7/7 | 0.12 | -1.82 | 116,116,116,116 | 0 |
| 74 | OHX | D1 | 3424 | 7/7 | 0.12 | -1.83 | 125,125,125,125 | 7 |
| 74 | OHX | C1 | 1924 | 7/7 | 0.12 | -1.96 | 82,82,82,82 | 7 |
| 74 | OHX | B1 | 3467 | 7/7 | 0.15 | -1.96 | 119,119,119,119 | 7 |

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| Mol | Type | Chain | Res | Atoms | RSR | LLDF | B-factors(\AA^2) | Q<0.9 |
|-----|------|-------|------|-------|------|-------|-----------------------------|-------|
| 74 | OHX | A1 | 1961 | 7/7 | 0.12 | -2.00 | 105,105,105,105 | 7 |
| 74 | OHX | B1 | 3489 | 7/7 | 0.13 | -2.08 | 129,129,129,129 | 7 |
| 74 | OHX | D1 | 3472 | 7/7 | 0.18 | -2.22 | 185,185,185,185 | 7 |
| 74 | OHX | D1 | 3477 | 7/7 | 0.15 | -2.26 | 142,142,142,142 | 7 |
| 74 | OHX | C1 | 1925 | 7/7 | 0.10 | -2.35 | 116,116,116,116 | 7 |
| 74 | OHX | D1 | 3431 | 7/7 | 0.11 | -2.54 | 109,109,109,109 | 7 |
| 74 | OHX | B1 | 3543 | 7/7 | 0.15 | -2.64 | 102,102,102,102 | 7 |
| 74 | OHX | C1 | 1970 | 7/7 | 0.26 | -2.77 | 176,176,176,176 | 7 |
| 74 | OHX | D1 | 3423 | 7/7 | 0.10 | -2.95 | 88,88,88,88 | 7 |
| 74 | OHX | B1 | 3422 | 7/7 | 0.11 | -3.25 | 93,93,93,93 | 7 |
| 74 | OHX | C1 | 1921 | 7/7 | 0.08 | -5.16 | 145,145,145,145 | 7 |
| 74 | OHX | B1 | 3557 | 7/7 | 0.47 | - | 46,46,46,46 | 7 |
| 74 | OHX | C1 | 1987 | 7/7 | 0.33 | - | 108,108,108,108 | 7 |
| 74 | OHX | B1 | 3574 | 7/7 | 0.41 | - | 136,136,136,136 | 7 |
| 74 | OHX | A1 | 1964 | 7/7 | 0.74 | - | 85,85,85,85 | 7 |
| 74 | OHX | D1 | 3491 | 7/7 | 0.24 | - | 37,37,37,37 | 7 |
| 74 | OHX | D1 | 3609 | 7/7 | 0.41 | - | 73,73,73,73 | 7 |

6.5 Other polymers ⓘ

There are no such residues in this entry.