**S. cerevisiae**

Alignment to 8CCS (25S rRNA)

mRNA from 8CCS (mRNA output files numeration from A to E site)

Peptide from 6R6G (peptide output files numeration from PTC to exit tunnel)

A diagram of a human brain

Description automatically generated with medium confidence

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Title | PDB | Organism(s): | Quality: | | | | | |
| Resolution: | Modelled Residue Count: | Unique protein chains: | Rama: | Sidechain: | RNA: |
| 80S S. cerevisiae ribosome with ligands in hybrid-1 pre-translocation (PRE-H1) complex | 8CCS | *S. cerevisiae, E. coli* | 1.97 Å  Cryo | 16 369 | 76 | 0.1% | 4.8% | 0.56 |
| 80S S. cerevisiae ribosome with ligands in hybrid-2 pre-translocation (PRE-H2) complex | 8CDL | *S. cerevisiae, E. coli* | 2.72 Å  Cryo | 16 370 | 76 | 0.1 % | 0.5 % | 0.55 |
| Translocation intermediate 1 (TI-1) of 80S S. cerevisiae ribosome with ligands and eEF2 in the presence of sordarin | 8CF5 | *S. cerevisiae, E. coli* | 2.71 Å  Cryo | 17 216 | 77 | 0.1 % | 0.5 % | 0.52 |
| Translocation intermediate 2 (TI-2) of 80S S. cerevisiae ribosome with ligands and eEF2 in the presence of sordarin | 8CDR | *S. cerevisiae, E. coli* | 2.04 Å  Cryo | 17 153 | 77 | 0 % | 5.6 % | 0.56 |
| Translocation intermediate 3 (TI-3) of 80S S. cerevisiae ribosome with ligands and eEF2 in the npresence of sordarin | 8CG8 | *S. cerevisiae, E. coli* | 2.57 Å  Cryo | 17 117 | 77 | 0 % | 0.4 % | 0.53 |
| Translocation intermediate 4 (TI-4) of 80S S. cerevisiae ribosome with ligands and eEF2 in the presence of sordarin | 8CEH | *S. cerevisiae, E. coli* | 2.05 Å  Cryo | 17 091 | 77 | 0.1 % | 4.8 % | 0.55 |
| Translocation intermediate 5 (TI-5) of 80S S. cerevisiae ribosome with ligands and eEF2 in the presence of sordarin | 8CIV | *S. cerevisiae, E. coli* | 2.47 Å  Cryo | 17 105 | 77 | 0.1 % | 5.0 % | 0.53 |
| Non-rotated 80S S. cerevisiae ribosome with ligands | 8CGN | *S. cerevisiae, E. coli* | 2.28 Å  Cryo | 16 348 | 75 | 0 % | 4.4 % | 0.54 |
| The structure of the eukaryotic ribosome at 3.0 A resolution. | 4V88 | *S. cerevisiae, S. cerevisiae* S288C | 3.00 Å (X-ray) | 33 377  (dimer) | 80 | 6.3% | 21.7% | 0.44 |