**D. melanogaster**

Alignment to 6xu8 (28S rRNA)

mRNA from 6xu7 (mRNA output files numeration from A to E site)

Information for compare: mRNA 6xu7-assembly1.cif #3/v U 30 P atom position (used in *D. melanogaster)* is closest to position 8ccs.cif #5/Dd G 21 P (used in *S. cerevisiae*)

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

In the table presented **all** *D. melanogaster*ribosome models in PDB.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Title | PDB | Organism(s): | Quality: | | | | | |
| Resolution: | Modelled Residue Count: | Unique protein chains: | Rama: | Sidechain: | RNA: |
| Structure of the D. melanogaster 80S ribosome | 4V6W | *D. melanogaster* | 6 Å  (Cryo) | 19,288 | 80 | 9.3 % | 6.5 % | 0.48 |
| Drosophila melanogaster Testis 80S ribosome | 6XU6 | *D. melanogaster* | 3.5 Å  (Cryo) | 18,013 | 77 | 0.8 % | 2.5 % | 0.34 |
| Drosophila melanogaster Testis polysome ribosome | 6XU7 | *D. melanogaster* | 4.9 Å  (Cryo) | 17,767 | 76 | 0.5 % | 1.9 % | 0.31 |
| Drosophila melanogaster Ovary 80S ribosome | 6XU8 | *D. melanogaster* | 3 Å  (Cryo) | 17,662 | 76 | 1.0 % | 2.0 % | 0.37 |