
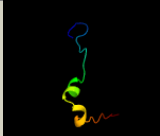

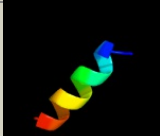
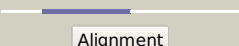

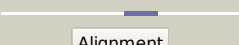
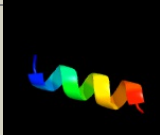
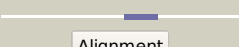

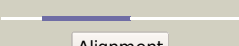
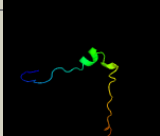



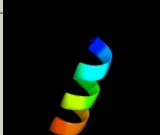





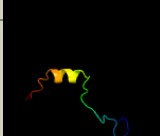
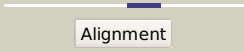
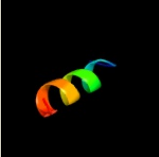
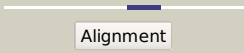
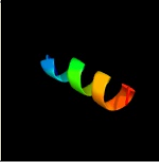


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0454 (-) _544838_545188
Date	Tue Jul 23 14:50:53 BST 2019
Unique Job ID	7a57584f8a9c4047

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1bwvs_</a>	 Alignment		25.8	25	<b>Fold:</b> RuBisCO, small subunit <b>Superfamily:</b> RuBisCO, small subunit <b>Family:</b> RuBisCO, small subunit
2	<a href="#">c3j20S_</a>	 Alignment		17.6	21	<b>PDB header:</b> ribosome <b>Chain:</b> S: <b>PDB Molecule:</b> 30s ribosomal protein s17e; <b>PDBTitle:</b> promiscuous behavior of proteins in archaeal ribosomes revealed by2 cryo-em: implications for evolution of eukaryotic ribosomes (30s3 ribosomal subunit)
3	<a href="#">d1bxni_</a>	 Alignment		17.2	34	<b>Fold:</b> RuBisCO, small subunit <b>Superfamily:</b> RuBisCO, small subunit <b>Family:</b> RuBisCO, small subunit
4	<a href="#">c5xxuR_</a>	 Alignment		16.5	43	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> ribosomal protein es17; <b>PDBTitle:</b> small subunit of toxoplasma gondii ribosome
5	<a href="#">c5xyiR_</a>	 Alignment		15.5	36	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> 40s ribosomal protein s17-b, putative; <b>PDBTitle:</b> small subunit of trichomonas vaginalis ribosome
6	<a href="#">c5nv3P_</a>	 Alignment		15.4	26	<b>PDB header:</b> lyase <b>Chain:</b> P: <b>PDB Molecule:</b> ribulose biphosphate carboxylase small chain 1; <b>PDBTitle:</b> structure of rubisco from rhodobacter sphaeroides in complex with cabp
7	<a href="#">d1rq6a_</a>	 Alignment		14.9	21	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Rps17e-like <b>Family:</b> Rps17e-like
8	<a href="#">c2xzmV_</a>	 Alignment		14.8	36	<b>PDB header:</b> ribosome <b>Chain:</b> V: <b>PDB Molecule:</b> rps17e; <b>PDBTitle:</b> crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 1
9	<a href="#">c3zeyL_</a>	 Alignment		14.2	29	<b>PDB header:</b> ribosome <b>Chain:</b> L: <b>PDB Molecule:</b> 40s ribosomal protein s17, putative; <b>PDBTitle:</b> high-resolution cryo-electron microscopy structure of the trypanosoma2 brucei ribosome
10	<a href="#">c3j3aR_</a>	 Alignment		13.5	29	<b>PDB header:</b> ribosome <b>Chain:</b> R: <b>PDB Molecule:</b> 40s ribosomal protein s17; <b>PDBTitle:</b> structure of the human 40s ribosomal proteins
11	<a href="#">c5mz2L_</a>	 Alignment		11.1	25	<b>PDB header:</b> photosynthesis <b>Chain:</b> I: <b>PDB Molecule:</b> rubisco small subunit; <b>PDBTitle:</b> rubisco from thalassiosira antarctica

12	<a href="#">c3iz6Q_</a> 		9.9	43	<b>PDB header:</b> ribosome <b>Chain:</b> Q: <b>PDB Molecule:</b> 40s ribosomal protein s17 (s17e); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
13	<a href="#">c3izbQ_</a> 		8.9	36	<b>PDB header:</b> ribosome <b>Chain:</b> Q: <b>PDB Molecule:</b> 40s ribosomal protein rps17 (s17e); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome

14 [c6mgdA\\_](#)

Alignment



7.8

29

**PDB header:**transferase

**Chain:** A: **PDB Molecule:**capsular polysaccharide export system protein kp3c;

**PDBTitle:** thermosulfurimonas dismutans kp3c, beta kdo 2,4 transferase