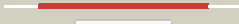
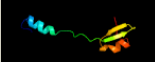

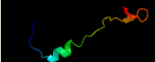
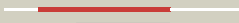
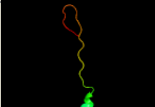

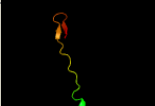

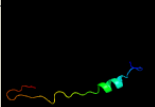

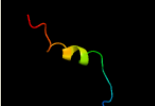

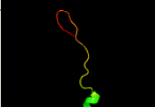

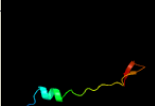








# Phyre2

Email [mdejesus@rockefeller.edu](mailto:mdejesus@rockefeller.edu)  
 Description RVBD0979A\_rpmF\_1094890\_1095063  
 Date Wed Jul 31 22:05:04 BST 2019  
 Unique Job ID 8690e1105b2539a6

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5o60b_</a>	 Alignment		100.0	74	<b>PDB header:</b> ribosome <b>Chain:</b> B; <b>PDB Molecule:</b> 5s rrna; <b>PDBTitle:</b> structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
2	<a href="#">c3j3v0_</a>	 Alignment		97.8	30	<b>PDB header:</b> ribosome <b>Chain:</b> 0; <b>PDB Molecule:</b> 50s ribosomal protein l32; <b>PDBTitle:</b> atomic model of the immature 50s subunit from bacillus subtilis (state2 i-a)
3	<a href="#">d2j0151</a>	 Alignment		97.5	24	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Zn-binding ribosomal proteins <b>Family:</b> Ribosomal protein L32p
4	<a href="#">d2zjrz1</a>	 Alignment		97.5	24	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Zn-binding ribosomal proteins <b>Family:</b> Ribosomal protein L32p
5	<a href="#">d2qam01</a>	 Alignment		97.4	30	<b>Fold:</b> Rubredoxin-like <b>Superfamily:</b> Zn-binding ribosomal proteins <b>Family:</b> Ribosomal protein L32p
6	<a href="#">c3bbo2_</a>	 Alignment		96.5	46	<b>PDB header:</b> ribosome <b>Chain:</b> 2; <b>PDB Molecule:</b> ribosomal protein l32; <b>PDBTitle:</b> homology model for the spinach chloroplast 50s subunit fitted to 9.4a2 cryo-em map of the 70s chlororibosome
7	<a href="#">c4ce45_</a>	 Alignment		96.3	32	<b>PDB header:</b> ribosome <b>Chain:</b> 5; <b>PDB Molecule:</b> mrpl32; <b>PDBTitle:</b> 39s large subunit of the porcine mitochondrial ribosome
8	<a href="#">c4v195_</a>	 Alignment		95.7	30	<b>PDB header:</b> ribosome <b>Chain:</b> 5; <b>PDB Molecule:</b> mitoribosomal protein bl32m, mrpl32; <b>PDBTitle:</b> structure of the large subunit of the mammalian mitoribosome, part 12 of 2
9	<a href="#">c5mlc2_</a>	 Alignment		80.8	45	<b>PDB header:</b> ribosome <b>Chain:</b> 2; <b>PDB Molecule:</b> 50s ribosomal protein l32, chloroplastic; <b>PDBTitle:</b> cryo-em structure of the spinach chloroplast ribosome reveals the2 location of plastid-specific ribosomal proteins and extensions
10	<a href="#">c1qfqB_</a>	 Alignment		52.1	48	<b>PDB header:</b> transcription/rna <b>Chain:</b> B; <b>PDB Molecule:</b> 36-mer n-terminal peptide of the n protein; <b>PDBTitle:</b> bacteriophage lambda n-protein-nutboxb-rna complex
11	<a href="#">c5lm7F_</a>	 Alignment		42.0	48	<b>PDB header:</b> transcription <b>Chain:</b> F; <b>PDB Molecule:</b> antitermination protein n; <b>PDBTitle:</b> crystal structure of the lambda n-nus factor complex

12	<a href="#">c6c0fs_</a>	Alignment		38.7	31	<b>PDB header:</b> ribosome <b>Chain:</b> S: <b>PDB Molecule:</b> 60s ribosomal protein l20-a; <b>PDBTitle:</b> yeast nucleolar pre-60s ribosomal subunit (state 2)
13	<a href="#">c6govN_</a>	Alignment		37.1	48	<b>PDB header:</b> transcription <b>Chain:</b> N: <b>PDB Molecule:</b> antitermination protein n; <b>PDBTitle:</b> structure of the rna polymerase lambda-based antitermination complex
14	<a href="#">c1vw4W_</a>	Alignment		20.9	27	<b>PDB header:</b> ribosome <b>Chain:</b> W: <b>PDB Molecule:</b> 54s ribosomal protein l32, mitochondrial; <b>PDBTitle:</b> structure of the yeast mitochondrial large ribosomal subunit
15	<a href="#">c2krhA_</a>	Alignment		13.7	38	<b>PDB header:</b> actin-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> actin-binding rho-activating protein; <b>PDBTitle:</b> structure of the c-terminal actin binding domain of abra
16	<a href="#">c2jrtA_</a>	Alignment		12.9	38	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> nmr solution structure of the protein coded by gene2 rhos4_12090 of rhodobacter sphaeroides. northeast3 structural genomics target rhr5
17	<a href="#">c1jqsB_</a>	Alignment		12.7	50	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> elongation factor g; <b>PDBTitle:</b> fitting of l11 protein and elongation factor g (domain g'2 and v) in the cryo-em map of e. coli 70s ribosome bound3 with ef-g and gmppcp, a nonhydrolysable gtp analog
18	<a href="#">c2l2oA_</a>	Alignment		12.0	23	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0727 protein c6orf115; <b>PDBTitle:</b> solution structure of human hspc280 protein
19	<a href="#">c6jqsA_</a>	Alignment		10.9	38	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding response regulator; <b>PDBTitle:</b> structure of transcription factor, gere
20	<a href="#">d2oa4a1</a>	Alignment		10.5	23	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> TrpR-like <b>Family:</b> SPO1678-like
21	<a href="#">d1lm5a_</a>	Alignment	not modelled	6.9	43	<b>Fold:</b> beta-hairpin-alpha-hairpin repeat <b>Superfamily:</b> Plakin repeat <b>Family:</b> Plakin repeat
22	<a href="#">c4fc9B_</a>	Alignment	not modelled	6.6	67	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> structure of the c-terminal domain of the type iii effector xcv32202 (xopl)
23	<a href="#">c6cb1s_</a>	Alignment	not modelled	6.1	33	<b>PDB header:</b> ribosome <b>Chain:</b> S: <b>PDB Molecule:</b> 60s ribosomal protein l20-a; <b>PDBTitle:</b> yeast nucleolar pre-60s ribosomal subunit (state 3)
24	<a href="#">c5noaA_</a>	Alignment	not modelled	5.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> family 88 glycosyl hydrolase; <b>PDBTitle:</b> polysaccharide lyase baccell_00875
25	<a href="#">c2n03A_</a>	Alignment	not modelled	5.3	29	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> plectin; <b>PDBTitle:</b> solution nmr structure plectin repeat domain 6 (4403-4606) of plectin2 from homo sapiens, northeast structural genomics consortium (nesg)3 target hr6354e