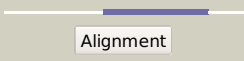
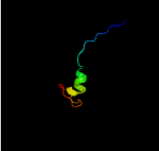
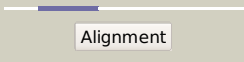

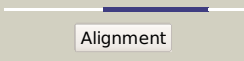
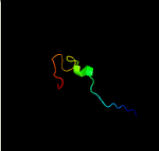
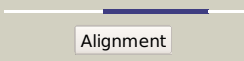
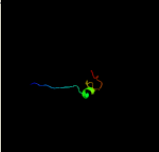
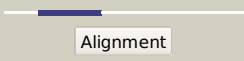

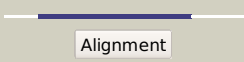
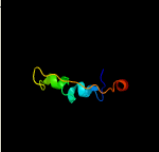
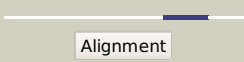
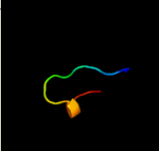
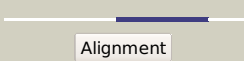
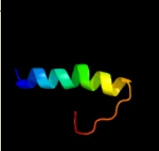
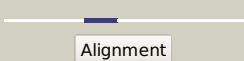
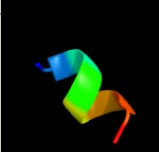
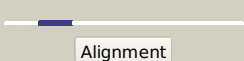
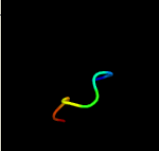


# Phyre2

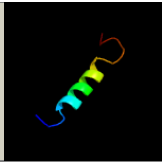
Email	mdejesus@rockefeller.edu
Description	RVBD2806 (- )_3113278_3113469
Date	Wed Aug 7 12:50:47 BST 2019
Unique Job ID	aba10ba9712b8368

Detailed template  
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1vh4a_</a>	 Alignment		12.1	33	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Stabilizer of iron transporter SufD <b>Family:</b> Stabilizer of iron transporter SufD
2	<a href="#">c5v8kB_</a>	 Alignment		11.3	33	<b>PDB header:</b> photosynthesis <b>Chain:</b> B: <b>PDB Molecule:</b> proteinsubunit pshx; <b>PDBTitle:</b> homodimeric reaction center of h. modesticaldum
3	<a href="#">c4dn7B_</a>	 Alignment		8.9	26	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> abc transporter, atp-binding protein; <b>PDBTitle:</b> crystal structure of putative abc transporter, atp-binding protein2 from methanosarcina mazei go1
4	<a href="#">c5awfA_</a>	 Alignment		8.8	26	<b>PDB header:</b> transport protein/protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> fes cluster assembly protein sufB; <b>PDBTitle:</b> crystal structure of sufB-sufC-sufD complex from escherichia coli
5	<a href="#">c5c4yB_</a>	 Alignment		8.7	21	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> putative transcription regulator lmo0852; <b>PDBTitle:</b> crystal structure of putative tetr family transcription factor from2 listeria monocytogenes
6	<a href="#">d1tyza_</a>	 Alignment		8.5	25	<b>Fold:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes <b>Superfamily:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes <b>Family:</b> Tryptophan synthase beta subunit-like PLP-dependent enzymes
7	<a href="#">c3pntA_</a>	 Alignment		7.3	43	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> nad+-glycohydrolase; <b>PDBTitle:</b> crystal structure of the streptococcus pyogenes nad+ glycohydrolase2 spn in complex with ifs, the immunity factor for spn
8	<a href="#">d2hkua2</a>	 Alignment		5.3	25	<b>Fold:</b> Tetracyclin repressor-like, C-terminal domain <b>Superfamily:</b> Tetracyclin repressor-like, C-terminal domain <b>Family:</b> Tetracyclin repressor-like, C-terminal domain
9	<a href="#">c4ue4B_</a>	 Alignment		5.2	75	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> ftsq signal sequence; <b>PDBTitle:</b> structural basis for targeting and elongation arrest of bacillus2 signal recognition particle
10	<a href="#">c2hyij_</a>	 Alignment		5.2	50	<b>PDB header:</b> hydrolase/rna binding protein/rna <b>Chain:</b> J: <b>PDB Molecule:</b> protein casc3; <b>PDBTitle:</b> structure of the human exon junction complex with a trapped2 dead-box helicase bound to rna

11 [c6re80\\_](#)

Alignment



5.1

36

**PDB header:**proton transport  
**Chain:** 0: **PDB Molecule:**asa-10: polytomella f-atp synthase associated subunit 10;  
**PDBTitle:** cryo-em structure of polytomella f-atp synthase, rotary substate 2d,2 composite map