
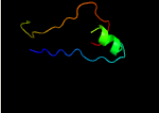

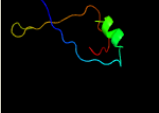
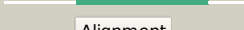

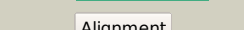
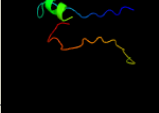

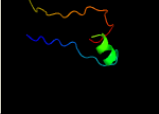
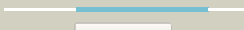
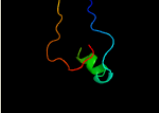
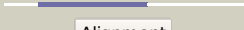




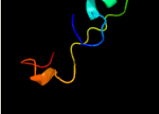

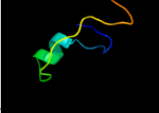
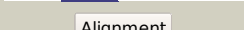



# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0031 (- )_33582_33794
Date	Tue Jul 23 14:50:06 BST 2019
Unique Job ID	ad51273947f30240

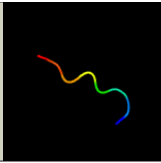
Detailed template  
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1es6a1</a>	 Alignment		59.6	37	<b>Fold:</b> EV matrix protein <b>Superfamily:</b> EV matrix protein <b>Family:</b> EV matrix protein
2	<a href="#">d1h2ca_</a>	 Alignment		47.3	37	<b>Fold:</b> EV matrix protein <b>Superfamily:</b> EV matrix protein <b>Family:</b> EV matrix protein
3	<a href="#">c1h2dA_</a>	 Alignment		44.8	37	<b>PDB header:</b> virus/viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> matrix protein vp40; <b>PDBTitle:</b> ebola virus matrix protein vp40 n-terminal domain in complex with rna2 (low-resolution vp40[31-212] variant).
4	<a href="#">c1es6A_</a>	 Alignment		41.7	37	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> matrix protein vp40; <b>PDBTitle:</b> crystal structure of the matrix protein of ebola virus
5	<a href="#">c3tcqA_</a>	 Alignment		41.0	37	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> matrix protein vp40; <b>PDBTitle:</b> crystal structure of matrix protein vp40 from ebola virus sudan
6	<a href="#">c5b0vA_</a>	 Alignment		35.3	30	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> matrix protein vp40; <b>PDBTitle:</b> crystal structure of marburg virus vp40 dimer
7	<a href="#">c2oipE_</a>	 Alignment		15.6	36	<b>PDB header:</b> transferase, oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> chain a, crystal structure of dhfr; <b>PDBTitle:</b> crystal structure of the s290g active site mutant of ts-dhfr from2 cryptosporidium hominis
8	<a href="#">c3ujjP_</a>	 Alignment		11.1	89	<b>PDB header:</b> immune system <b>Chain:</b> P: <b>PDB Molecule:</b> gp120; <b>PDBTitle:</b> crystal structure of anti-hiv-1 v3 fab 4025 in complex with con a2 peptide
9	<a href="#">c3c1bA_</a>	 Alignment		9.9	44	<b>PDB header:</b> oxidoreductase, transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dhfr-ts; <b>PDBTitle:</b> structure of bifunctional tcdhfr-ts in complex with tmq
10	<a href="#">c3k2hA_</a>	 Alignment		7.3	31	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrofolate reductase/thymidylate synthase; <b>PDBTitle:</b> co-crystal structure of dihydrofolate reductase/thymidylate synthase2 from babesia bovis with dump, pemetrexed and nadp
11	<a href="#">d2nsfa2</a>	 Alignment		7.0	39	<b>Fold:</b> SCP-like <b>Superfamily:</b> SCP-like <b>Family:</b> Micothiol-dependent maleylpyruvate isomerase C-terminal domain-like

12

[c5aj3n\\_](#)

Alignment



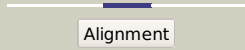
6.7

88

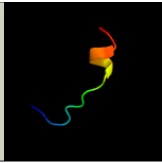
**PDB header:**ribosome  
**Chain:** N: **PDB Molecule:**mitoribosomal protein us14m, mrps14;  
**PDBTitle:** structure of the small subunit of the mammalian mitoribosome

13

[d1yuja\\_](#)



Alignment



5.9

40

**Fold:**beta-beta-alpha zinc fingers  
**Superfamily:**beta-beta-alpha zinc fingers  
**Family:**Classic zinc finger, C2H2