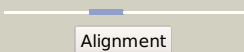

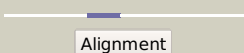
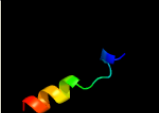
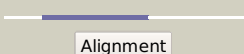
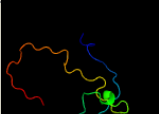

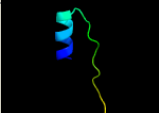
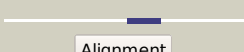

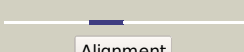


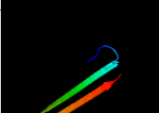
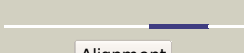





# Phyre2

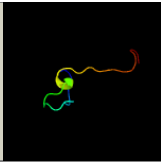
Email	mdejesus@rockefeller.edu
Description	RVBD2804c_(-)_3112475_3113104
Date	Wed Aug 7 12:50:46 BST 2019
Unique Job ID	3dc0c9a164fb63c0

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1vrkB_</a>	 Alignment		21.5	50	<b>PDB header:</b> complex(calmodulin-binding protein/peptide) <b>Chain:</b> B; <b>PDB Molecule:</b> rs20; <b>PDBTitle:</b> the 1.9 angstrom structure of e84k-calmodulin rs20 peptide2 complex
2	<a href="#">c1qs7B_</a>	 Alignment		12.6	53	<b>PDB header:</b> metal binding protein/peptide <b>Chain:</b> B; <b>PDB Molecule:</b> rs20; <b>PDBTitle:</b> the 1.8 angstrom structure of calmodulin rs20 peptide2 complex
3	<a href="#">c5jydA_</a>	 Alignment		11.8	40	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> short chain dehydrogenase; <b>PDBTitle:</b> crystal structure of a putative short chain dehydrogenase from2 burkholderia cenocepacia
4	<a href="#">d1v7za_</a>	 Alignment		10.7	19	<b>Fold:</b> Creatininase <b>Superfamily:</b> Creatininase <b>Family:</b> Creatininase
5	<a href="#">d2vo1a1</a>	 Alignment		9.2	36	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
6	<a href="#">c1qtxB_</a>	 Alignment		6.9	45	<b>PDB header:</b> signaling protein <b>Chain:</b> B; <b>PDB Molecule:</b> protein (rs20); <b>PDBTitle:</b> the 1.65 angstrom structure of calmodulin rs20 peptide2 complex
7	<a href="#">c2vckC_</a>	 Alignment		5.8	32	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C; <b>PDB Molecule:</b> cyanobacterial phycoerythrobilin; <b>PDBTitle:</b> structure of phycoerythrobilin synthase pebs from the cyanophage p-2 ssm2 in complex with the bound substrate biliverdin ixa
8	<a href="#">c3kowH_</a>	 Alignment		5.7	36	<b>PDB header:</b> metal binding protein <b>Chain:</b> H; <b>PDB Molecule:</b> d-ornithine aminomutase s component; <b>PDBTitle:</b> crystal structure of ornithine 4,5 aminomutase backsoaked complex
9	<a href="#">c5wx8B_</a>	 Alignment		5.3	63	<b>PDB header:</b> dna binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> immediate-early protein 2; <b>PDBTitle:</b> human herpesvirus 6a immediate early protein 2 c-terminal domain

10 [c5u03C\\_](#)

Alignment



5.2

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**PDB header:** ligase, protein fibril  
**Chain:** C: **PDB Molecule:** ctp synthase 1;  
**PDBTitle:** cryo-em structure of the human ctp synthase filament