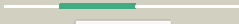
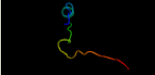
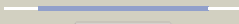








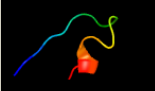

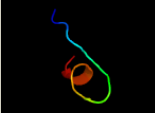

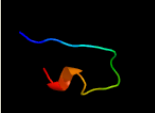




# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2438A (-) _2736719_2736997
Date	Wed Aug 7 12:50:06 BST 2019
Unique Job ID	6b1674f5fe784e11

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5hlzE_</a>	 Alignment		40.4	27	<b>PDB header:</b> signaling protein <b>Chain:</b> E; <b>PDB Molecule:</b> inhibin beta a chain; <b>PDBTitle:</b> structure of pro-activin a complex at 2.85 a resolution
2	<a href="#">c3io5B_</a>	 Alignment		21.1	21	<b>PDB header:</b> dna binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> recombination and repair protein; <b>PDBTitle:</b> crystal structure of a dimeric form of the uvx recombinase core2 domain from enterobacteria phage t4
3	<a href="#">c4mcjC_</a>	 Alignment		13.7	35	<b>PDB header:</b> transferase <b>Chain:</b> C; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a putative nucleoside deoxyribosyltransferase2 (bdi_0649) from parabacteroides distasonis atcc 8503 at 2.40 a3 resolution
4	<a href="#">d2azea1</a>	 Alignment		9.2	27	<b>Fold:</b> E2F-DP heterodimerization region <b>Superfamily:</b> E2F-DP heterodimerization region <b>Family:</b> DP dimerization segment
5	<a href="#">d1d02a_</a>	 Alignment		7.6	69	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Restriction endonuclease MunI
6	<a href="#">d1oi2a_</a>	 Alignment		6.4	39	<b>Fold:</b> DAK1/DegV-like <b>Superfamily:</b> DAK1/DegV-like <b>Family:</b> DAK1
7	<a href="#">c3ct4B_</a>	 Alignment		6.1	50	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> pts-dependent dihydroxyacetone kinase, dihydroxyacetone- <b>PDBTitle:</b> structure of dha-kinase subunit dhak from I. lactis
8	<a href="#">c2iu6B_</a>	 Alignment		5.5	50	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> dihydroxyacetone kinase; <b>PDBTitle:</b> regulation of the dha operon of lactococcus lactis
9	<a href="#">d1un8a4</a>	 Alignment		5.5	50	<b>Fold:</b> DAK1/DegV-like <b>Superfamily:</b> DAK1/DegV-like <b>Family:</b> DAK1

10 [d2hg6a1](#)

Alignment



5.2

43

**Fold:**PA1123-like  
**Superfamily:**PA1123-like  
**Family:**PA1123-like