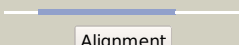
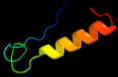


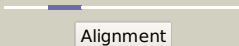

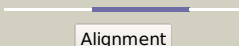

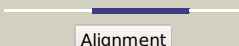

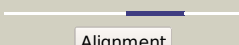

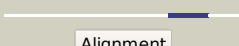
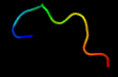
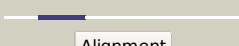



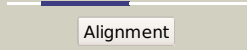
# Phyre2

Email	mdejesus@rockefeller.edu
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Date	Tue Jul 23 14:50:53 BST 2019
Unique Job ID	8986b76d3f54542e

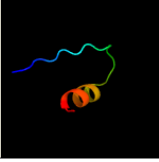
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5m2uA_</a>	 Alignment		24.0	35	<b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> ycf54; <b>PDBTitle:</b> the structure of the ycf54 protein from synechocystis sp. pcc6803
2	<a href="#">d1qgta_</a>	 Alignment		21.4	53	<b>Fold:</b> Hepatitis B viral capsid (hbcag) <b>Superfamily:</b> Hepatitis B viral capsid (hbcag) <b>Family:</b> Hepatitis B viral capsid (hbcag)
3	<a href="#">c2k44A_</a>	 Alignment		10.5	50	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> k+-channel voltage-sensor paddle domain of <b>PDBTitle:</b> solution structure of a k+-channel voltage-sensor paddle2 domain
4	<a href="#">c2jziB_</a>	 Alignment		10.0	33	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> serine/threonine-protein phosphatase 2b <b>PDBTitle:</b> structure of calmodulin complexed with the calmodulin2 binding domain of calcineurin
5	<a href="#">c4q5uC_</a>	 Alignment		8.9	33	<b>PDB header:</b> calcium binding protein/protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> serine/threonine-protein phosphatase 2b catalytic subunit <b>PDBTitle:</b> structure of calmodulin bound to its recognition site from calcineurin
6	<a href="#">c2dcoA_</a>	 Alignment		8.7	40	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> s1p4 first extracellular loop peptidomimetic; <b>PDBTitle:</b> s1p4 first extracellular loop peptidomimetic
7	<a href="#">c1m3vA_</a>	 Alignment		7.8	45	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> fusion of the lim interacting domain of ldb1 and <b>PDBTitle:</b> flin4: fusion of the lim binding domain of ldb1 and the n-2 terminal lim domain of lmo4
8	<a href="#">c5vk2A_</a>	 Alignment		7.0	46	<b>PDB header:</b> viral protein/immune system <b>Chain:</b> A: <b>PDB Molecule:</b> pre-glycoprotein polyprotein gp complex; <b>PDBTitle:</b> structural basis for antibody-mediated neutralization of lassa virus

9 [d1mwwa\\_](#)



Alignment



6.1

17

**Fold:**Tautomerase/MIF  
**Superfamily:**Tautomerase/MIF  
**Family:**Hypothetical protein HI1388.1