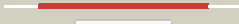

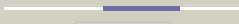


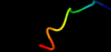

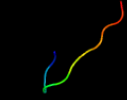














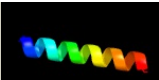
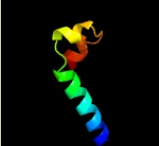






Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD1851_(ureF)_2099701_2100336
 Date Fri Aug 2 13:30:46 BST 2019
 Unique Job ID 0cad21fe7b7cad0a

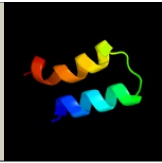
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3cxB_	 Alignment		100.0	16	PDB header: chaperone Chain: B: PDB Molecule: urease accessory protein uref; PDBTitle: structure of the urease accessory protein uref from helicobacter2 pylori
2	c3w3fB_	 Alignment		16.2	17	PDB header: biosynthetic protein Chain: B: PDB Molecule: uncharacterized protein blr2150; PDBTitle: crystal structure of ent-kaurene synthase bjks from bradyrhizobium2 japonicum
3	c2mtxA_	 Alignment		15.0	56	PDB header: protein binding Chain: A: PDB Molecule: apical membrane antigen-1; PDBTitle: protection against experimental p. falciparum malaria is associated2 with short ama-1 peptide analogue alpha-helical structures
4	c3mx7A_	 Alignment		13.5	8	PDB header: apoptosis Chain: A: PDB Molecule: fas apoptotic inhibitory molecule 1; PDBTitle: crystal structure analysis of human faim-ntd
5	c5mk5A_	 Alignment		11.8	15	PDB header: hydrolase Chain: A: PDB Molecule: bloom syndrome protein; PDBTitle: structures of dhn domain of human blm helicase
6	c6iuhC_	 Alignment		10.9	16	PDB header: protein binding Chain: C: PDB Molecule: liprin-alpha-2; PDBTitle: crystal structure of git1 pbd domain in complex with liprin-alpha2
7	c2odmA_	 Alignment		10.3	13	PDB header: unknown function Chain: A: PDB Molecule: upf0358 protein mw0995; PDBTitle: crystal structure of s. aureus ylan, an essential leucine rich protein2 involved in the control of cell shape
8	d1yqga1	 Alignment		10.0	20	Fold: 6-phosphogluconate dehydrogenase C-terminal domain-like Superfamily: 6-phosphogluconate dehydrogenase C-terminal domain-like Family: ProC C-terminal domain-like
9	d2gboa1	 Alignment		9.5	20	Fold: Open three-helical up-and-down bundle Superfamily: EF2458-like Family: EF2458-like
10	c2gboB_	 Alignment		9.5	20	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: upf0358 protein ef2458; PDBTitle: protein of unknown function ef2458 from enterococcus faecalis
11	d2f4ma1	 Alignment		9.4	14	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: Transglutaminase core

12	c3f5hB_	Alignment		9.0	18	<p>PDB header:protein binding Chain: B: PDB Molecule:type i polyketide synthase pikaiii, type i polyketide PDBTitle: crystal structure of fused docking domains from pikaiii and pikaiv of2 the pikromycin polyketide synthase</p>
13	c5lutG_	Alignment		8.7	11	<p>PDB header:transferase Chain: G: PDB Molecule:blm helicase; PDBTitle: structures of dhn domain of gallus gallus blm helicase</p>
14	c3sujA_	Alignment		7.7	29	<p>PDB header:unknown function Chain: A: PDB Molecule:cerato-platanin 1; PDBTitle: crystal structure of cerato-platanin 1 from m. pernicioso (mpcp1)</p>
15	c4zpzB_	Alignment		7.2	33	<p>PDB header:hydrolase Chain: B: PDB Molecule:cellulose 1,4-beta-cellobiosidase; PDBTitle: dictyostelium purpureum cellobiohydrolase cel7a apo structure</p>
16	c3shpA_	Alignment		7.0	50	<p>PDB header:transferase Chain: A: PDB Molecule:putative acetyltransferase sthe_0691; PDBTitle: crystal structure of putative acetyltransferase from sphaerobacter2 thermophilus dsm 20745</p>
17	d1iw4a_	Alignment		6.9	38	<p>Fold:Kazal-type serine protease inhibitors Superfamily:Kazal-type serine protease inhibitors Family:Ovomucoid domain III-like</p>

18 [c4yf1D_](#)

Alignment



5.7

13

PDB header:hydrolase
Chain: D: **PDB Molecule:**lmo0812 protein;
PDBTitle: 1.85 angstrom crystal structure of lmo0812 from listeria monocytogenes2 egd-e