

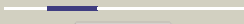
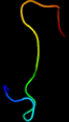





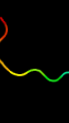





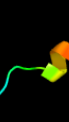



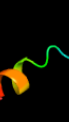

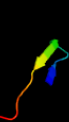





Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1831 (-) _2075578_2075835
Date	Fri Aug 2 13:30:44 BST 2019
Unique Job ID	105b3250e7a50887

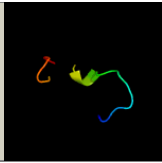
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1skza1	 Alignment		11.9	61	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Leech antihemostatic proteins Family: Huristasin-like
2	c3ckiB_	 Alignment		9.9	37	PDB header: hydrolase, hydrolase inhibitor Chain: B: PDB Molecule: metalloproteinase inhibitor 3; PDBTitle: crystal structure of the tace-n-timp-3 complex
3	c3ipiA_	 Alignment		8.7	46	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of a geranyltranstransferase from the methanosarcina2 mazei
4	d2a2pa1	 Alignment		7.4	67	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Selenoprotein W-related
5	c3h8aE_	 Alignment		7.0	64	PDB header: lyase/protein binding Chain: E: PDB Molecule: rnase e; PDBTitle: crystal structure of e. coli enolase bound to its cognate rnase e2 recognition domain
6	c1yymM_	 Alignment		6.6	71	PDB header: viral protein/immune system Chain: M: PDB Molecule: f23, scorpion-toxin mimic of cd4; PDBTitle: crystal structure of f23, a scorpion-toxin mimic of cd4, in complex2 with hiv-1 yu2 gp120 envelope glycoprotein and anti-hiv-1 antibody3 17b
7	c1yymS_	 Alignment		6.6	71	PDB header: viral protein/immune system Chain: S: PDB Molecule: f23, scorpion-toxin mimic of cd4; PDBTitle: crystal structure of f23, a scorpion-toxin mimic of cd4, in complex2 with hiv-1 yu2 gp120 envelope glycoprotein and anti-hiv-1 antibody3 17b
8	c4lobA_	 Alignment		6.6	54	PDB header: transferase Chain: A: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of polyprenyl diphosphate synthase a1s_2732 (target2 efi-509223) from acinetobacter baumannii
9	c2j1oA_	 Alignment		6.5	43	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl diphosphate synthase from sinapis alba
10	c2j1pB_	 Alignment		6.3	46	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl diphosphate synthase from sinapis alba in2 complex with ggpp
11	c6b6iD_	 Alignment		6.0	69	PDB header: viral protein,protease Chain: D: PDB Molecule: 3c-like protease; PDBTitle: 2.4a resolution structure of human norovirus gii.4 protease

12	c3m9uD_	Alignment		5.9	54	<p>PDB header:transferase Chain: D: PDB Molecule:farnesyl-diphosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase from2 lactobacillus brevis atcc 367</p>
13	c2l9bB_	Alignment		5.8	60	<p>PDB header:transcription Chain: B: PDB Molecule:mrna 3'-end-processing protein rna14; PDBTitle: heterodimer between rna14p monkeytail domain and rna15p hinge domain2 of the yeast cf ia complex</p>
14	c3llwA_	Alignment		5.5	46	<p>PDB header:transferase Chain: A: PDB Molecule:geranyltranstransferase (ispa); PDBTitle: crystal structure of geranyltransferase from helicobacter pylori 26695</p>

15 [c6gw6A_](#)

Alignment



5.5

10

PDB header: toxin
Chain: A: **PDB Molecule:** res toxin;
PDB Title: structure of the pseudomonas putida res-xre toxin-antitoxin complex