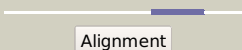
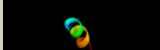




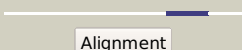

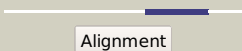

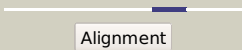

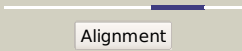

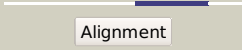
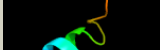



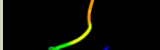




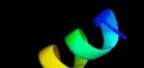



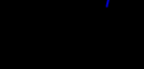




Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3489_(-)_3908251_3908415
Date	Fri Aug 9 18:20:16 BST 2019
Unique Job ID	0548cfb6093357e4

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3frwF_	 Alignment		14.1	23	PDB header: structural genomics, unknown function Chain: F; PDB Molecule: putative trp repressor protein; PDBTitle: crystal structure of putative trp protein from ruminococcus obeum
2	c6c3rB_	 Alignment		11.1	86	PDB header: viral protein Chain: B; PDB Molecule: cricket paralysis virus 1a protein; PDBTitle: cricket paralysis virus rna1 suppressor protein crpv-1a
3	c6ghrF_	 Alignment		9.7	75	PDB header: photosynthesis Chain: F; PDB Molecule: cp12 polypeptide; PDBTitle: cyanobacterial gapdh with full-length cp12
4	c5ghaF_	 Alignment		9.7	45	PDB header: transferase/transport protein Chain: F; PDB Molecule: sulfur carrier ttub; PDBTitle: sulfur transferase ttua in complex with sulfur carrier ttub
5	d1bvsa2	 Alignment		9.5	50	Fold: SAM domain-like Superfamily: RuvA domain 2-like Family: DNA helicase RuvA subunit, middle domain
6	c3zdfD_	 Alignment		9.1	75	PDB header: oxidoreductase Chain: D; PDB Molecule: cp12 polypeptide; PDBTitle: structure of gapdh with cp12 peptide from thermosynechococcus2 elongatus
7	c3korD_	 Alignment		9.1	31	PDB header: transcription Chain: D; PDB Molecule: possible trp repressor; PDBTitle: crystal structure of a putative trp repressor from staphylococcus2 aureus
8	d1wj9a2	 Alignment		9.0	33	Fold: Ferredoxin-like Superfamily: CRISPR-associated protein Family: CRISPR-associated protein
9	c6ghIE_	 Alignment		8.9	75	PDB header: photosynthesis Chain: E; PDB Molecule: cp12 polypeptide; PDBTitle: cyanobacterial gapdh with full-length cp12
10	c3zdfC_	 Alignment		8.9	75	PDB header: oxidoreductase Chain: C; PDB Molecule: cp12 polypeptide; PDBTitle: structure of gapdh with cp12 peptide from thermosynechococcus2 elongatus
11	c3nufB_	 Alignment		7.2	17	PDB header: transcription regulator Chain: B; PDB Molecule: prd-containing transcription regulator; PDBTitle: crystal structure of a prd-containing transcription regulator2 (IseI_2718) from lactobacillus casei atcc 334 at 1.38 a resolution

12	d2zjrd1	Alignment		7.1	31	Fold: RL5-like Superfamily: RL5-like Family: Ribosomal protein L5
13	d1iq4a_	Alignment		7.1	44	Fold: RL5-like Superfamily: RL5-like Family: Ribosomal protein L5
14	d2hja1	Alignment		6.7	43	Fold: dsRBD-like Superfamily: YcfA/nrd intein domain Family: Ykff-like
15	c2hja_	Alignment		6.7	43	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ykff; PDBTitle: solution nmr structure of protein ykff from escherichia coli.2 northeast structural genomics target er397.
16	d1mjia_	Alignment		6.1	38	Fold: RL5-like Superfamily: RL5-like Family: Ribosomal protein L5
17	c5u0aA_	Alignment		6.0	39	PDB header: immune system Chain: A: PDB Molecule: crispr-associated protein, cse3 family; PDBTitle: crispr rna-guided surveillance complex
18	c2eqfA_	Alignment		5.9	50	PDB header: hydrolase Chain: A: PDB Molecule: tumor necrosis factor, alpha-induced protein 3; PDBTitle: solution structure of the 7th a20-type zinc finger domain2 from human tumor necrosis factor, alpha-induced protein3
19	c5o60F_	Alignment		5.6	38	PDB header: ribosome Chain: F: PDB Molecule: 50s ribosomal protein l5; PDBTitle: structure of the 50s large ribosomal subunit from mycobacterium2 smegmatis
20	c4itqA_	Alignment		5.5	21	PDB header: gene regulation, structural protein/dna Chain: A: PDB Molecule: putative uncharacterized protein sco1480; PDBTitle: crystal structure of hypothetical protein sco1480 bound to dna
21	c2lj9A_	Alignment	not modelled	5.4	50	PDB header: protein binding Chain: A: PDB Molecule: cp12 domain-containing protein 2; PDBTitle: partial 3d structure of the c-terminal part of the free arabidopsis2 thaliana cp12-2 in its oxidized form
22	d1d8ba_	Alignment	not modelled	5.2	8	Fold: SAM domain-like Superfamily: HRDC-like Family: HRDC domain from helicases