



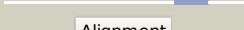
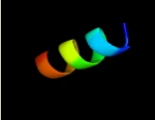
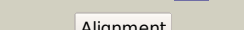




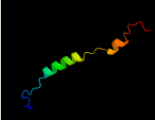


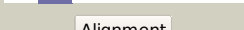
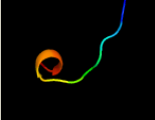
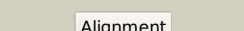

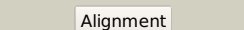
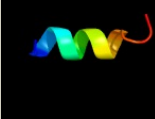




Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3481c (-) _3900672_3901361
Date	Fri Aug 9 18:20:15 BST 2019
Unique Job ID	e0389468335eace4

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5vkvA_	 Alignment		99.2	23	PDB header: oxidoreductase Chain: A: PDB Molecule: cytochrome c-type biogenesis protein ccda; PDBTitle: solution nmr structure of the membrane electron transporter ccda
2	c2n4xA_	 Alignment		97.8	11	PDB header: membrane protein Chain: A: PDB Molecule: cytochrome c-type biogenesis protein (ccda); PDBTitle: structure of the transmembrane electron transporter ccda
3	c4zdtB_	 Alignment		23.6	17	PDB header: hydrolase Chain: B: PDB Molecule: structure-specific endonuclease subunit slx4; PDBTitle: crystal structure of the ring finger domain of slx1 in complex with2 the c-terminal domain of slx4
4	c4ni3B_	 Alignment		14.7	9	PDB header: hydrolase Chain: B: PDB Molecule: alpha-fucosidase gh29; PDBTitle: crystal structure of gh29 family alpha-l-fucosidase from fusarium2 graminearum in the closed form
5	c5mb9C_	 Alignment		12.8	46	PDB header: chaperone Chain: C: PDB Molecule: putative ribosome associated protein; PDBTitle: crystal structure of the eukaryotic ribosome associated complex (rac),2 a unique hsp70/hsp40 pair
6	c2kncA_	 Alignment		12.7	28	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiib; PDBTitle: platelet integrin alfaIib-beta3 transmembrane-cytoplasmic2 heterocomplex
7	c1p58E_	 Alignment		12.0	10	PDB header: virus Chain: E: PDB Molecule: envelope protein m; PDBTitle: complex organization of dengue virus membrane proteins as revealed by2 9.5 angstrom cryo-em reconstruction
8	c5mb9D_	 Alignment		10.7	46	PDB header: chaperone Chain: D: PDB Molecule: putative ribosome associated protein; PDBTitle: crystal structure of the eukaryotic ribosome associated complex (rac),2 a unique hsp70/hsp40 pair
9	c1p58F_	 Alignment		10.2	11	PDB header: virus Chain: F: PDB Molecule: envelope protein m; PDBTitle: complex organization of dengue virus membrane proteins as revealed by2 9.5 angstrom cryo-em reconstruction
10	c2lkIA_	 Alignment		9.1	21	PDB header: cell adhesion Chain: A: PDB Molecule: erythrocyte membrane protein 1 (pfemp1); PDBTitle: structure of the core intracellular domain of pfemp1
11	c6gn6A_	 Alignment		8.5	23	PDB header: hydrolase Chain: A: PDB Molecule: alpha-l-fucosidase; PDBTitle: alpha-l-fucosidase isoenzyme 1 from paenibacillus thiaminolyticus

12	c3bjrA_	Alignment		8.5	16	PDB header: hydrolase Chain: A; PDB Molecule: putative carboxylesterase; PDBTitle: crystal structure of a putative carboxylesterase (lp_1002) from <i>Lactobacillus plantarum</i> wcf51 at 2.09 Å resolution
13	d2g5da1	Alignment		7.0	16	Fold: Double psi beta-barrel Superfamily: Barwin-like endoglucanases Family: MLTA-like
14	c4b03D_	Alignment		6.9	10	PDB header: virus Chain: D; PDB Molecule: dengue virus 1 prM protein; PDBTitle: 6 Å electron cryomicroscopy structure of immature dengue virus serotype 2 1
15	d2pnwa1	Alignment		6.5	5	Fold: Double psi beta-barrel Superfamily: Barwin-like endoglucanases Family: MLTA-like
16	d2auwa1	Alignment		6.5	36	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: NE0471 C-terminal domain-like
17	c4eq7B_	Alignment		5.6	32	PDB header: transport protein Chain: B; PDB Molecule: abc transporter, substrate binding protein (polyamine); PDBTitle: structure of atu4243-gaba receptor
18	c6mjpf_	Alignment		5.4	10	PDB header: lipid transport Chain: F; PDB Molecule: fig000988: predicted permease; PDBTitle: lptb(e163q)fgc from <i>Vibrio cholerae</i>
19	c2mqkA_	Alignment		5.4	26	PDB header: hydrolase Chain: A; PDB Molecule: atp-dependent target dna activator b; PDBTitle: solution structure of n terminal domain of the mub aaa+ atpase
20	c3j2pD_	Alignment		5.3	10	PDB header: viral protein Chain: D; PDB Molecule: small envelope protein m; PDBTitle: cryoem structure of dengue virus envelope protein heterotetramer
21	c2momC_	Alignment	not modelled	5.2	23	PDB header: membrane protein Chain: C; PDB Molecule: lysosome-associated membrane glycoprotein 2; PDBTitle: structural insights of tm domain of lamp-2a in dpc micelles
22	c4cbfB_	Alignment	not modelled	5.2	14	PDB header: virus Chain: B; PDB Molecule: m protein; PDBTitle: near-atomic resolution cryo-em structure of dengue serotype 4 virus