

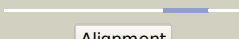

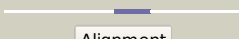


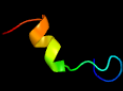

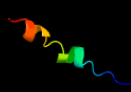



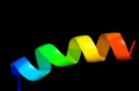

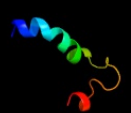
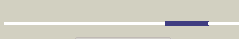







Phyre2

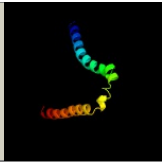
Email	mdejesus@rockefeller.edu
Description	RVBD1903_(-)_2150371_2150775
Date	Fri Aug 2 13:30:52 BST 2019
Unique Job ID	8dbc9b6d63d11a37

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2p64B_	 Alignment		24.7	38	PDB header: ligase Chain: B: PDB Molecule: f-box/wd repeat protein 1a; PDBTitle: d domain of b-trcp
2	d1r3jc_	 Alignment		23.5	14	Fold: Voltage-gated potassium channels Superfamily: Voltage-gated potassium channels Family: Voltage-gated potassium channels
3	c6fkip_	 Alignment		12.2	9	PDB header: membrane protein Chain: P: PDB Molecule: atp synthase subunit c, chloroplastic; PDBTitle: chloroplast f1fo conformation 3
4	c3jqoV_	 Alignment		9.6	35	PDB header: transport protein Chain: V: PDB Molecule: traf protein; PDBTitle: crystal structure of the outer membrane complex of a type iv secretion2 system
5	c6odih_	 Alignment		6.9	20	PDB header: translocase Chain: H: PDB Molecule: PDBTitle: structure of cagy from a cryo-em reconstruction of a t4ss
6	d2hkua2	 Alignment		6.9	30	Fold: Tetracyclin repressor-like, C-terminal domain Superfamily: Tetracyclin repressor-like, C-terminal domain Family: Tetracyclin repressor-like, C-terminal domain
7	c6humP_	 Alignment		6.4	29	PDB header: proton transport Chain: P: PDB Molecule: proton-translocating nadh-quinone dehydrogenase subunit p PDBTitle: structure of the photosynthetic complex i from thermosynechococcus2 elongatus
8	d1kf6d_	 Alignment		6.3	29	Fold: Heme-binding four-helical bundle Superfamily: Fumarate reductase respiratory complex transmembrane subunits Family: Succinate dehydrogenase/Fumarate reductase transmembrane subunits (SdhC/FrdC and SdhD/FrdD)
9	c2l6wA_	 Alignment		6.2	37	PDB header: membrane protein Chain: A: PDB Molecule: beta-type platelet-derived growth factor receptor; PDBTitle: pdgfr beta-tm
10	c2kb1A_	 Alignment		5.7	14	PDB header: membrane protein Chain: A: PDB Molecule: wsk3; PDBTitle: nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa
11	d1u11a_	 Alignment		5.5	18	Fold: Flavodoxin-like Superfamily: N5-CAIR mutase (phosphoribosylaminoimidazole carboxylase, PurE) Family: N5-CAIR mutase (phosphoribosylaminoimidazole carboxylase, PurE)

12 [d3d31c1](#)

Alignment



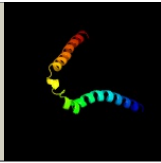
5.3

18

Fold:MetI-like
Superfamily:MetI-like
Family:MetI-like

13 [c3d31D](#)

Alignment



5.3

18

PDB header:transport protein
Chain: D: **PDB Molecule:**sulfate/molybdate abc transporter, permease protein;
PDBTitle: modbc from methanosarcina acetivorans