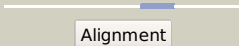





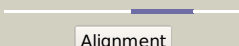

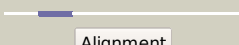

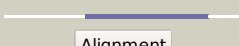
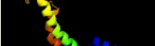
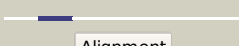
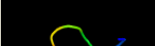

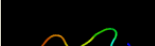




Phyre2

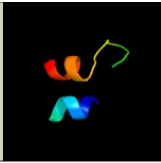
Email	mdejesus@rockefeller.edu
Description	RVBD0219_(-)_262254_262802
Date	Tue Jul 23 14:50:27 BST 2019
Unique Job ID	55834d232d389d3a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6gcsj_	 Alignment		24.9	35	PDB header: oxidoreductase Chain: J: PDB Molecule: nujm subunit; PDBTitle: cryo-em structure of respiratory complex i from yarrowia lipolytica
2	c3wmmP_	 Alignment		17.8	47	PDB header: photosynthesis Chain: P: PDB Molecule: lh1 beta polypeptide; PDBTitle: crystal structure of the lh1-rc complex from thermochromatium tepidum2 in c2 form
3	c4dzoA_	 Alignment		16.0	54	PDB header: cell cycle Chain: A: PDB Molecule: mitotic spindle assembly checkpoint protein mad1; PDBTitle: structure of human mad1 c-terminal domain reveals its involvement in2 kinetochore targeting
4	c4rtaB_	 Alignment		14.1	47	PDB header: protein binding Chain: B: PDB Molecule: protein dpy-30 homolog; PDBTitle: cystal structure of the dpy30 for mll/set1 compass h3k4 trimethylation
5	c5m1hA_	 Alignment		11.6	41	PDB header: viral protein Chain: A: PDB Molecule: gag protein; PDBTitle: structure of a spumaretrovirus gag central domain reveals an ancient2 retroviral capsid
6	c6hcyA_	 Alignment		10.0	18	PDB header: membrane protein Chain: A: PDB Molecule: metalloreductase steap4; PDBTitle: human steap4 bound to nadp, fad, heme and fe(iii)-nta.
7	c2eqfA_	 Alignment		9.8	78	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
8	c5d2mG_	 Alignment		7.5	42	PDB header: ligase,protein binding Chain: G: PDB Molecule: zinc finger protein 451; PDBTitle: complex between human sumo2-rangap1, ubc9 and znf451
9	c6j8lB_	 Alignment		7.4	50	PDB header: immune system Chain: B: PDB Molecule: avh240; PDBTitle: phytophthora sojae effector psavh240 inhibits a host aspartic protease2 secretion to promote infection

10 [c6bo5D](#)

Alignment



6.2

23

PDB header:membrane protein
Chain: D: **PDB Molecule:**transient receptor potential cation channel subfamily v
PDBTitle: trpv2 ion channel in partially closed state