

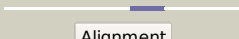

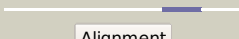






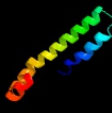







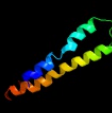




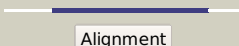



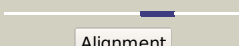

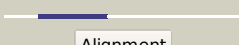
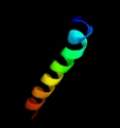
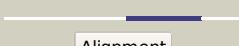

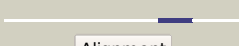
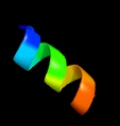

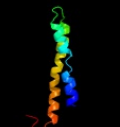






Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0879c (-) _978484_978759
Date	Fri Jul 26 01:50:47 BST 2019
Unique Job ID	af54d2d351d93a8a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6adqC_	 Alignment		21.6	23	PDB header: electron transport Chain: C; PDB Molecule: cytochrome bc1 complex cytochrome c subunit; PDBTitle: respiratory complex ciii2civ2sod2 from mycobacterium smegmatis
2	c2ktoA_	 Alignment		18.7	27	PDB header: antibiotic Chain: A; PDB Molecule: lchb; PDBTitle: spatial structure of lch-beta peptide from two-component lantibiotic2 lichenicidin vk21
3	c2kluA_	 Alignment		11.7	31	PDB header: immune system, membrane protein Chain: A; PDB Molecule: t-cell surface glycoprotein cd4; PDBTitle: nmr structure of the transmembrane and cytoplasmic domains2 of human cd4
4	c5f5vC_	 Alignment		9.3	50	PDB header: splicing Chain: C; PDB Molecule: zinc finger domain-containing protein; PDBTitle: crystal structure of the snu23-prp38-mfap1(217-296) complex of2 chaetomium thermophilum
5	c5f5vF_	 Alignment		9.3	50	PDB header: splicing Chain: F; PDB Molecule: zinc finger domain-containing protein; PDBTitle: crystal structure of the snu23-prp38-mfap1(217-296) complex of2 chaetomium thermophilum
6	d1uaza_	 Alignment		8.0	15	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
7	c2lr1B_	 Alignment		7.9	50	PDB header: apoptosis/signaling protein Chain: B; PDB Molecule: immediate early glycoprotein; PDBTitle: structural mechanism for bax inhibition by cytomegalovirus protein2 vmia
8	c2lowA_	 Alignment		7.9	13	PDB header: membrane protein Chain: A; PDB Molecule: apelin receptor; PDBTitle: solution structure of ar55 in 50% hfip
9	c6f2wA_	 Alignment		7.6	11	PDB header: transport protein Chain: A; PDB Molecule: putative amino acid/polyamine transport protein; PDBTitle: bacterial asc transporter crystal structure in open to in conformation
10	c4iu8A_	 Alignment		7.5	6	PDB header: transport protein Chain: A; PDB Molecule: nitrite extrusion protein 2; PDBTitle: crystal structure of a membrane transporter (selenomethionine2 derivative)
11	c3echC_	 Alignment		7.3	63	PDB header: transcription, transcription regulation Chain: C; PDB Molecule: 25-mer fragment of protein armr; PDBTitle: the marr-family repressor mexr in complex with its antirepressor armr

12	c5d6sB_	 Alignment		7.3	11	PDB header: oxidoreductase Chain: B: PDB Molecule: epoxyqueuosine reductase; PDBTitle: structure of epoxyqueuosine reductase from streptococcus thermophilus.
13	c4ikyA_	 Alignment		7.2	18	PDB header: transport protein Chain: A: PDB Molecule: di-tripeptide abc transporter (permease); PDBTitle: crystal structure of peptide transporter pot (e310q mutant) in complex2 with sulfate
14	c2ifoA_	 Alignment		7.1	21	PDB header: virus Chain: A: PDB Molecule: inovirus; PDBTitle: model-building studies of inovirus: genetic variations on a2 geometric theme
15	c2ww9B_	 Alignment		7.1	36	PDB header: ribosome Chain: B: PDB Molecule: protein transport protein sss1; PDBTitle: cryo-em structure of the active yeast ssh1 complex bound to the yeast2 80s ribosome
16	d1q90d_	 Alignment		6.7	29	Fold: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Superfamily: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Family: a domain/subunit of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
17	c4hyjB_	 Alignment		6.6	27	PDB header: proton transport Chain: B: PDB Molecule: rhodopsin; PDBTitle: crystal structure of exiguobacterium sibiricum rhodopsin
18	c2h3oA_	 Alignment		5.7	33	PDB header: membrane protein Chain: A: PDB Molecule: merf; PDBTitle: structure of merft, a membrane protein with two trans-2 membrane helices
19	c4iu9A_	 Alignment		5.7	6	PDB header: transport protein Chain: A: PDB Molecule: nitrite extrusion protein 2; PDBTitle: crystal structure of a membrane transporter
20	c6gyhA_	 Alignment		5.7	11	PDB header: proton transport Chain: A: PDB Molecule: family a g protein-coupled receptor-like protein; PDBTitle: crystal structure of the light-driven proton pump coccomyxa2 subellipsoidea rhodopsin csr
21	c1wazA_	 Alignment	not modelled	5.3	33	PDB header: transport protein Chain: A: PDB Molecule: merf; PDBTitle: nmr structure determination of the bacterial mercury transporter,2 merf, in micelles
22	c6hu9e_	 Alignment	not modelled	5.2	17	PDB header: oxidoreductase/electron transport Chain: E: PDB Molecule: cytochrome b-c1 complex subunit rieske, mitochondrial; PDBTitle: iii2-iv2 mitochondrial respiratory supercomplex from s. cerevisiae