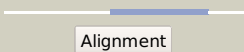
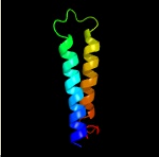
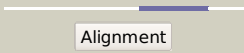
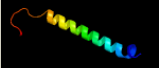
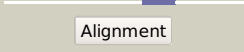

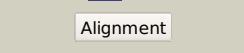

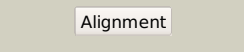
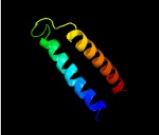
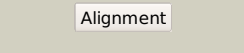

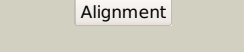
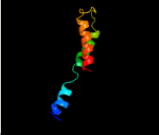


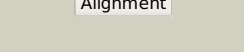

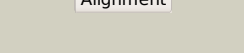



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3289c_(-)_3670031_3670408
Date	Thu Aug 8 16:20:49 BST 2019
Unique Job ID	b978008a370537ec

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3mk7F_	 Alignment		28.5	19	PDB header: oxidoreductase Chain: F; PDB Molecule: cytochrome c oxidase, cbb3-type, subunit p; PDBTitle: the structure of cbb3 cytochrome oxidase
2	c5is0E_	 Alignment		16.8	12	PDB header: transport protein Chain: E; PDB Molecule: transient receptor potential cation channel subfamily v PDBTitle: structure of trpv1 in complex with capsazepine, determined in lipid2 nanodisc
3	c5t58D_	 Alignment		14.9	30	PDB header: cell cycle Chain: D; PDB Molecule: klla0d15741p; PDBTitle: structure of the mind complex shows a regulatory focus of yeast2 kinetochore assembly
4	c2miaA_	 Alignment		9.5	43	PDB header: hydrolase inhibitor Chain: A; PDB Molecule: alpha amylase inhibitor; PDBTitle: solution structure of allatide c4, conformation 2
5	c2k9pA_	 Alignment		7.9	18	PDB header: membrane protein Chain: A; PDB Molecule: pheromone alpha factor receptor; PDBTitle: structure of tm1_tm2 in lppg micelles
6	d1b0na1	 Alignment		6.9	38	Fold: Dimerisation interlock Superfamily: SinR repressor dimerisation domain-like Family: SinR repressor dimerisation domain-like
7	c4ntja_	 Alignment		6.9	14	PDB header: membrane protein Chain: A; PDB Molecule: p2y purinoceptor 12,soluble cytochrome b562,p2y PDBTitle: structure of the human p2y12 receptor in complex with an2 antithrombotic drug
8	c3wmmY_	 Alignment		6.2	18	PDB header: photosynthesis Chain: Y; PDB Molecule: lh1 alpha polypeptide; PDBTitle: crystal structure of the lh1-rc complex from thermochromatium tepidum2 in c2 form
9	c6agfB_	 Alignment		5.5	10	PDB header: membrane protein Chain: B; PDB Molecule: sodium channel subunit beta-1; PDBTitle: structure of the human voltage-gated sodium channel nav1.4 in complex2 with beta1
10	c2fhwA_	 Alignment		5.3	17	PDB header: signaling protein Chain: A; PDB Molecule: relaxin 3 (prorelaxin h3) (insulin-like peptide PDBTitle: solution structure of human relaxin-3

11 [d1xmeh2](#)

Alignment



5.2

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Fold:Transmembrane helix hairpin

Superfamily:Cytochrome c oxidase subunit II-like, transmembrane region

Family:Cytochrome c oxidase subunit II-like, transmembrane region