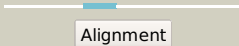


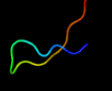
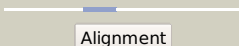

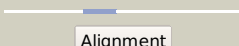

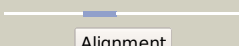

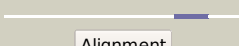

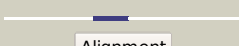

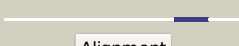






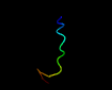


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3686c_(-)_4128929_4129261
Date	Fri Aug 9 18:20:37 BST 2019
Unique Job ID	4aa35d72de07bd1b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5xnmj_	 Alignment		36.5	40	PDB header: membrane protein Chain: J; PDB Molecule: photosystem ii reaction center protein j; PDBTitle: structure of unstacked c2s2m2-type psii-lhcii supercomplex from pisum2 sativum
2	d2i8ga1	 Alignment		25.0	44	Fold: Mog1p/PsbP-like Superfamily: Mog1p/PsbP-like Family: DIP2269-like
3	c3jcu_j	 Alignment		22.9	33	PDB header: membrane protein Chain: J; PDB Molecule: photosystem ii reaction center protein j; PDBTitle: cryo-em structure of spinach psii-lhcii supercomplex at 3.2 angstrom2 resolution
4	d2axtj1	 Alignment		21.0	40	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein J, PsbJ Family: PsbJ-like
5	c3a0hj_	 Alignment		21.0	40	PDB header: electron transport Chain: J; PDB Molecule: photosystem ii reaction center protein j; PDBTitle: crystal structure of i-substituted photosystem ii complex
6	c4d6ul_	 Alignment		13.2	53	PDB header: oxidoreductase Chain: I; PDB Molecule: cytochrome b-c1 complex subunit rieske, mitochondrial; PDBTitle: cytochrome bc1 bound to the 4(1h)-pyridone gsk932121
7	c2e76G_	 Alignment		9.2	61	PDB header: photosynthesis Chain: G; PDB Molecule: cytochrome b6-f complex subunit 5; PDBTitle: crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.laminosus
8	c1xopA_	 Alignment		8.8	50	PDB header: viral protein Chain: A; PDB Molecule: hemagglutinin; PDBTitle: nmr structure of g1v mutant of influenza hemagglutinin2 fusion peptide in dpc micelles at ph 5
9	c1xooA_	 Alignment		8.7	50	PDB header: viral protein Chain: A; PDB Molecule: hemagglutinin; PDBTitle: nmr structure of g1s mutant of influenza hemagglutinin2 fusion peptide in dpc micelles at ph 5
10	c2yueA_	 Alignment		8.6	32	PDB header: rna binding protein Chain: A; PDB Molecule: protein neuralized; PDBTitle: solution structure of the neuz (nhr) domain in neuralized2 from drosophila melanogaster
11	c5oeoC_	 Alignment		8.0	50	PDB header: membrane protein Chain: C; PDB Molecule: transient receptor potential cation channel subfamily v PDBTitle: solution structure of the complex of trpv5(655-725) with a calmodulin2 e32q/e68q double mutant

12	c2jrdA_	Alignment		8.0	50	PDB header: viral protein Chain: A: PDB Molecule: hemagglutinin; PDBTitle: influenza hemagglutinin fusion domain mutant f9a
13	c3rnvA_	Alignment		7.8	38	PDB header: hydrolase Chain: A: PDB Molecule: helper component proteinase; PDBTitle: structure of the autocatalytic cysteine protease domain of potyvirus2 helper-component proteinase
14	c2qm2B_	Alignment		7.8	50	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative hopj type iii effector protein; PDBTitle: putative hopj type iii effector protein from vibrio parahaemolyticus
15	c4qh0D_	Alignment		7.7	25	PDB header: hydrolase Chain: D: PDB Molecule: dna-entry nuclease (competence-specific nuclease); PDBTitle: crystal structure of nuca from streptococcus agalactiae with magnesium2 ion bound
16	c6n1bA_	Alignment		7.5	30	PDB header: hydrolase Chain: A: PDB Molecule: carbohydrate-binding protein; PDBTitle: crystal structure of an n-acetylgalactosamine deacetylase from f.2 plautii in complex with blood group b trisaccharide
17	c4zsfA_	Alignment		7.2	50	PDB header: protein/dna Chain: A: PDB Molecule: bsawi endonuclease; PDBTitle: crystal structure of pre-specific restriction endonuclease bsawi-dna2 complex
18	c1ibnA_	Alignment		7.1	50	PDB header: viral protein Chain: A: PDB Molecule: hemagglutinin ha2 chain peptide; PDBTitle: nmr structure of hemagglutinin fusion peptide in dpc2 micelles at ph 5
19	c1iboA_	Alignment		7.1	50	PDB header: viral protein Chain: A: PDB Molecule: hemagglutinin ha2 chain peptide; PDBTitle: nmr structure of hemagglutinin fusion peptide in dpc2 micelles at ph 7.4
20	d2f3ci1	Alignment		6.8	83	Fold: Kazal-type serine protease inhibitors Superfamily: Kazal-type serine protease inhibitors Family: Ovomucoid domain III-like
21	c5klvI_	Alignment	not modelled	6.3	58	PDB header: oxidoreductase Chain: I: PDB Molecule: cytochrome b-c1 complex subunit rieske, mitochondrial; PDBTitle: structure of bos taurus cytochrome bc1 with fenamidone inhibited
22	c3g05B_	Alignment	not modelled	5.4	48	PDB header: rna binding protein Chain: B: PDB Molecule: trna uridine 5-carboxymethylaminomethyl modification enzyme PDBTitle: crystal structure of n-terminal domain (2-550) of e.coli mnmg
23	d1hc7a3	Alignment	not modelled	5.3	29	Fold: IF3-like Superfamily: C-terminal domain of ProRS Family: C-terminal domain of ProRS