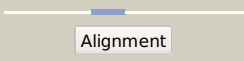

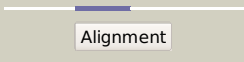

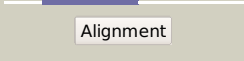

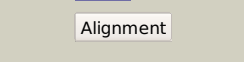

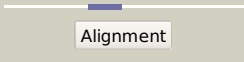

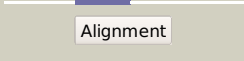

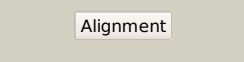

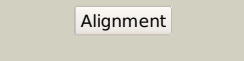

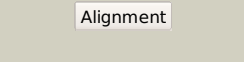

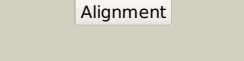



Phyre2

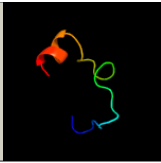
Email	mdejesus@rockefeller.edu
Description	RVBD2128 (-) _2390093_2390296
Date	Mon Aug 5 13:25:24 BST 2019
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1nkzb_	 Alignment		29.1	67	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
2	c5z1lL_	 Alignment		19.7	47	PDB header: protein fibril Chain: L: PDB Molecule: flagellin; PDBTitle: cryo-em structure of methanoccus maripaludis archaellum
3	c6gcsc_	 Alignment		19.6	48	PDB header: oxidoreductase Chain: C: PDB Molecule: 49-kda protein (nucm); PDBTitle: cryo-em structure of respiratory complex i from yarrowia lipolytica
4	c5o4uK_	 Alignment		17.0	47	PDB header: cell adhesion Chain: K: PDB Molecule: flagellin; PDBTitle: the flagellin of pyrococcus furiosus
5	d1jo5a_	 Alignment		14.5	50	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
6	c5tfyl_	 Alignment		13.7	35	PDB header: cell adhesion Chain: J: PDB Molecule: flagellin; PDBTitle: the archaeal flagellum of methanospirillum hungatei strain jf1.
7	d1ijdb_	 Alignment		9.9	33	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
8	c3arct_	 Alignment		7.7	39	PDB header: electron transport, photosynthesis Chain: T: PDB Molecule: photosystem ii reaction center protein t; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
9	d1y0ka1	 Alignment		5.8	60	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: PA4535-like
10	c6hwhX_	 Alignment		5.7	25	PDB header: electron transport Chain: X: PDB Molecule: cytochrome c oxidase polypeptide 4; PDBTitle: structure of a functional obligate respiratory supercomplex from2 mycobacterium smegmatis

11 [c2amwA_](#)

Alignment



5.4

28

PDB header: structural genomics, unknown function
Chain: A: **PDB Molecule:** hypothetical protein ne2163;
PDBTitle: solution nmr structure of protein ne2163 from nitrosomonas europaea.2 northeast structural genomics consortium target net1.