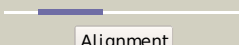










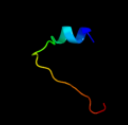
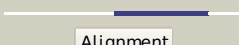
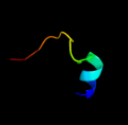
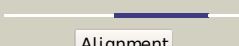

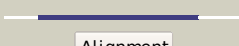
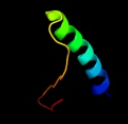



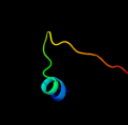


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0ACG6
Date	Thu Jan 5 11:18:08 GMT 2012
Unique Job ID	96191fd9454e4148

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3arcI_	 Alignment		16.3	13	PDB header: electron transport, photosynthesis Chain: L: PDB Molecule: photosystem ii reaction center protein I; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
2	c2wj8N_	 Alignment		16.2	21	PDB header: rna binding protein/rna Chain: N: PDB Molecule: nucleoprotein; PDBTitle: respiratory syncytial virus ribonucleoprotein
3	c1zllE_	 Alignment		15.6	32	PDB header: membrane protein/signaling protein Chain: E: PDB Molecule: cardiac phospholamban; PDBTitle: nmr structure of unphosphorylated human phospholamban2 pentamer
4	d1xmec1	 Alignment		12.8	30	Fold: Single transmembrane helix Superfamily: Bacterial ba3 type cytochrome c oxidase subunit IIa Family: Bacterial ba3 type cytochrome c oxidase subunit IIa
5	d1prtcl	 Alignment		10.5	25	Fold: OB-fold Superfamily: Bacterial enterotoxins Family: Bacterial AB5 toxins, B-subunits
6	d1h9ma2	 Alignment		9.9	25	Fold: OB-fold Superfamily: MOP-like Family: BiMOP, duplicated molybdate-binding domain
7	d1h9ra1	 Alignment		9.0	14	Fold: OB-fold Superfamily: MOP-like Family: BiMOP, duplicated molybdate-binding domain
8	d1prtb1	 Alignment		8.9	29	Fold: OB-fold Superfamily: Bacterial enterotoxins Family: Bacterial AB5 toxins, B-subunits
9	d1y4oa1	 Alignment		8.8	26	Fold: Profilin-like Superfamily: Roadblock/LC7 domain Family: Roadblock/LC7 domain
10	c2krxA_	 Alignment		8.1	25	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: asl3597 protein; PDBTitle: solution nmr structure of asl3597 from nostoc sp. pcc7120. northeast2 structural genomics consortium target id nsr244.
11	d1h9ma1	 Alignment		7.2	27	Fold: OB-fold Superfamily: MOP-like Family: BiMOP, duplicated molybdate-binding domain

12

[d1fr3a_](#)

Alignment



6.9

18

Fold: OB-fold

Superfamily: MOP-like

Family: Molybdate/tungstate binding protein MOP