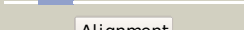
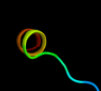
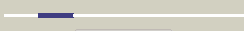
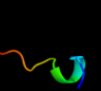


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P75620
Date	Wed Jan 25 15:21:02 GMT 2012
Unique Job ID	1184501ef64e1cb6

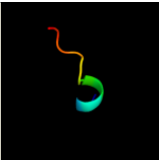
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1btsA_	 Alignment		32.3	50	PDB header: transmembrane protein Chain: A: PDB Molecule: band 3 anion transport protein; PDBTitle: the solution structures of the first and second2 transmembrane-spanning segments of band 3
2	c1bttA_	 Alignment		32.3	50	PDB header: transmembrane protein Chain: A: PDB Molecule: band 3 anion transport protein; PDBTitle: the solution structures of the first and second2 transmembrane-spanning segments of band 3
3	c3etbj_	 Alignment		25.5	67	PDB header: immune system/toxin Chain: J: PDB Molecule: anthrax protective antigen; PDBTitle: crystal structure of the engineered neutralizing antibody2 m18 complexed with anthrax protective antigen domain 4
4	c2zmeD_	 Alignment		9.7	32	PDB header: protein transport Chain: D: PDB Molecule: vacuolar protein-sorting-associated protein 25; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
5	c3qteA_	 Alignment		7.8	63	PDB header: antimicrobial protein Chain: A: PDB Molecule: defensin-6; PDBTitle: crystal structure of human alpha-defensin 6 (h27w mutant)
6	c3cuqD_	 Alignment		7.0	32	PDB header: protein transport Chain: D: PDB Molecule: vacuolar protein-sorting-associated protein 25; PDBTitle: integrated structural and functional model of the human escrt-ii2 complex
7	c2fhdA_	 Alignment		6.4	38	PDB header: cell cycle Chain: A: PDB Molecule: dna repair protein rhp9/crb2; PDBTitle: crystal structure of crb2 tandem tudor domains
8	d1xb4a1	 Alignment		6.2	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Vacuolar sorting protein domain
9	c2a06V_	 Alignment		6.0	58	PDB header: oxidoreductase Chain: V: PDB Molecule: ubiquinol-cytochrome c reductase iron-sulfur subunit; PDBTitle: bovine cytochrome bc1 complex with stigmatellin bound
10	d1rpua_	 Alignment		5.7	43	Fold: Tombusvirus P19 core protein, VP19 Superfamily: Tombusvirus P19 core protein, VP19 Family: Tombusvirus P19 core protein, VP19
11	c1rpua_	 Alignment		5.7	43	PDB header: rna binding protein/rna Chain: A: PDB Molecule: 19 kda protein; PDBTitle: crystal structure of cirv p19 bound to sirna

12

d1ppji_

Alignment



5.5

58

Fold:Non-globular alpha+beta subunits of globular proteins
Superfamily:Non-globular alpha+beta subunits of globular proteins
Family:Ubiquinol-cytochrome c reductase 8 kDa protein

13

[clzejA_](#)

Alignment



5.4

27

PDB header: oxidoreductase
Chain: A: **PDB Molecule:** 3-hydroxyacyl-coa dehydrogenase;
PDBTitle: crystal structure of the 3-hydroxyacyl-coa dehydrogenase (hbd-9,2 af2017) from archaeoglobus fulgidus dsm 4304 at 2.00 a resolution