
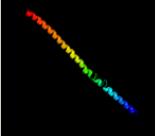



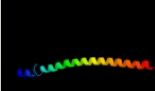

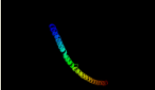





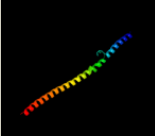





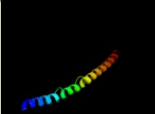

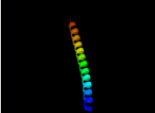

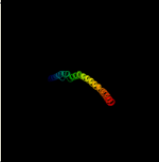



Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	Q6BEX5
Date	Thu Jan 5 12:37:25 GMT 2012
Unique Job ID	ac2d8cfb45caa581

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3u59C_	 Alignment		68.4	12	PDB header: contractile protein Chain: C: PDB Molecule: tropomyosin beta chain; PDBTitle: n-terminal 98-aa fragment of smooth muscle tropomyosin beta
2	c2gl2B_	 Alignment		45.2	12	PDB header: cell adhesion Chain: B: PDB Molecule: adhesion a; PDBTitle: crystal structure of the tetra mutant (t66g,r67g,f68g,2 y69g) of bacterial adhesin fada
3	c4a55B_	 Alignment		34.6	12	PDB header: transferase Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit alpha; PDBTitle: crystal structure of p110alpha in complex with ish2 of p85alpha and2 the inhibitor pik-108
4	c2ch7A_	 Alignment		29.1	6	PDB header: chemotaxis Chain: A: PDB Molecule: methyl-accepting chemotaxis protein; PDBTitle: crystal structure of the cytoplasmic domain of a bacterial2 chemoreceptor from thermotoga maritima
5	d1vp7a_	 Alignment		24.0	7	Fold: Spectrin repeat-like Superfamily: XseB-like Family: XseB-like
6	c2e7sM_	 Alignment		16.0	12	PDB header: endocytosis/exocytosis Chain: M: PDB Molecule: rab guanine nucleotide exchange factor sec2; PDBTitle: crystal structure of the yeast sec2p gef domain
7	c3hnwB_	 Alignment		15.0	11	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a basic coiled-coil protein of unknown function2 from eubacterium eligens atcc 27750
8	d1vp7b_	 Alignment		11.7	7	Fold: Spectrin repeat-like Superfamily: XseB-like Family: XseB-like
9	c1ujwB_	 Alignment		8.4	13	PDB header: transport protein/hydrolase Chain: B: PDB Molecule: colicin e3; PDBTitle: structure of the complex between btub and colicin e3 receptor binding2 domain
10	c2npsC_	 Alignment		7.7	12	PDB header: transport protein Chain: C: PDB Molecule: vesicle transport through interaction with t- PDBTitle: crystal structure of the early endosomal snare complex
11	c3ajwA_	 Alignment		7.7	17	PDB header: protein transport Chain: A: PDB Molecule: flagellar fliJ protein; PDBTitle: structure of fliJ, a soluble component of flagellar type iii export2 apparatus

12	c2voyK_	Alignment		7.7	36	PDB header: hydrolase Chain: K: PDB Molecule: sarcoplasmic/endoplasmic reticulum calcium PDBTitle: cryoem model of copa, the copper transporting atpase from2 archaeoglobus fulgidus
13	c3ol1A_	Alignment		6.3	19	PDB header: structural protein Chain: A: PDB Molecule: vimentin; PDBTitle: crystal structure of vimentin (fragment 144-251) from homo sapiens,2 northeast structural genomics consortium target hr4796b

14	c1gl2C_	Alignment		6.0	10	<p>PDB header:membrane protein</p> <p>Chain: C: PDB Molecule:vesicle transport v-snare protein vti1-like 1;</p> <p>PDBTitle: crystal structure of an endosomal snare core complex</p>
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