
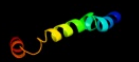



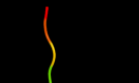


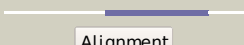

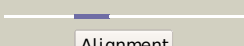

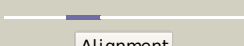

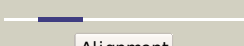


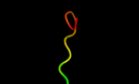




Phyre2

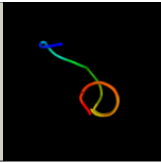
Email	I.a.kelley@imperial.ac.uk
Description	Q05807
Date	Thu Jan 5 12:33:22 GMT 2012
Unique Job ID	2e580a9590512940

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3rkoF_	 Alignment		21.7	14	PDB header: oxidoreductase Chain: F; PDB Molecule: nadh-quinone oxidoreductase subunit j; PDBTitle: crystal structure of the membrane domain of respiratory complex i from <i>E. coli</i> at 3.0 angstrom resolution
2	d1utca2	 Alignment		18.2	43	Fold: 7-bladed beta-propeller Superfamily: Clathrin heavy-chain terminal domain Family: Clathrin heavy-chain terminal domain
3	c1bpoA_	 Alignment		17.9	43	PDB header: membrane protein Chain: A; PDB Molecule: protein (clathrin); PDBTitle: clathrin heavy-chain terminal domain and linker
4	c1c9lA_	 Alignment		17.3	43	PDB header: endocytosis/exocytosis Chain: A; PDB Molecule: clathrin; PDBTitle: peptide-in-groove interactions link target proteins to the 2 beta-propeller of clathrin
5	c3qngD_	 Alignment		16.7	5	PDB header: membrane protein, transport protein Chain: D; PDB Molecule: pts system, cellobiose-specific iic component; PDBTitle: crystal structure of the transporter chbc, the iic component from the 2, n, n'-diacetylchitobiose-specific phosphotransferase system
6	c1xi4D_	 Alignment		13.7	43	PDB header: endocytosis/exocytosis Chain: D; PDB Molecule: clathrin heavy chain; PDBTitle: clathrin d6 coat
7	c2q04C_	 Alignment		10.8	25	PDB header: transferase Chain: C; PDB Molecule: acetoin utilization protein; PDBTitle: crystal structure of acetoin utilization protein (zp_00540088.1) from <i>Exiguobacterium sibiricum</i> 255-15 at 2.33 a resolution
8	c2k59B_	 Alignment		6.6	28	PDB header: transport protein Chain: B; PDB Molecule: neuronal acetylcholine receptor subunit beta-2; PDBTitle: nmr structures of the second transmembrane domain of the 2 neuronal acetylcholine receptor beta 2 subunit
9	c3c8eB_	 Alignment		5.9	20	PDB header: transferase Chain: B; PDB Molecule: yghu, glutathione s-transferase homologue; PDBTitle: crystal structure analysis of yghu from <i>E. coli</i>
10	d1qhka_	 Alignment		5.8	25	Fold: MbtH/L9 domain-like Superfamily: L9 N-domain-like Family: N-terminal domain of RNase HI

11 [c3bsuF_](#)

Alignment



5.6

8

PDB header:hydrolase/rna/dna
Chain: F: **PDB Molecule:**ribonuclease h1;
PDBTitle: hybrid-binding domain of human rnase h1 in complex with 12-2 mer rna/dna