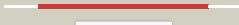
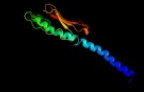
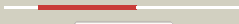
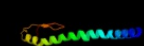
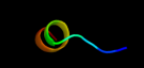
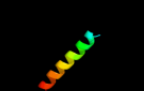
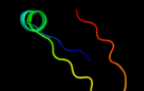


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P41443
Date	Thu Jan 5 12:01:34 GMT 2012
Unique Job ID	b6fa71af0e7175fb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2knqA_	 Alignment		99.9	98	PDB header: protein transport Chain: A: PDB Molecule: general secretion pathway protein h; PDBTitle: solution structure of e.coli gsph
2	c2qv8B_	 Alignment		99.5	22	PDB header: transport protein Chain: B: PDB Molecule: general secretion pathway protein h; PDBTitle: structure of the minor pseudopilin epsh from the type 2 secretion2 system of vibrio cholerae
3	d1oqwa_	 Alignment		99.4	17	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
4	c3sokB_	 Alignment		99.4	20	PDB header: cell adhesion Chain: B: PDB Molecule: fimbrial protein; PDBTitle: dichelobacter nodosus pilin fima
5	d2pila_	 Alignment		99.2	27	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
6	c4a18U_	 Alignment		34.7	55	PDB header: ribosome Chain: U: PDB Molecule: rpl13; PDBTitle: t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rrna and proteins of molecule 1
7	c3u5eL_	 Alignment		33.1	55	PDB header: ribosome Chain: L: PDB Molecule: 60s ribosomal protein l13-a; PDBTitle: the structure of the eukaryotic ribosome at 3.0 resolution
8	d3dtub2	 Alignment		15.9	21	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
9	c2ii8F_	 Alignment		14.5	23	PDB header: signaling protein Chain: F: PDB Molecule: anabaena sensory rhodopsin transducer protein; PDBTitle: anabaena sensory rhodopsin transducer
10	d1v54b2	 Alignment		14.4	10	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
11	d3ehbb2	 Alignment		12.6	26	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region

12	c2wsfG_	Alignment		11.5	22	PDB header: photosynthesis Chain: G: PDB Molecule: photosystem i reaction center subunit v, PDBTitle: improved model of plant photosystem i
13	c2kxeA_	Alignment		9.7	43	PDB header: transferase Chain: A: PDB Molecule: dna polymerase ii small subunit; PDBTitle: n-terminal domain of the dp1 subunit of an archaeal d-family dna2 polymerase
14	c1jb0K_	Alignment		9.6	17	PDB header: photosynthesis Chain: K: PDB Molecule: photosystem 1 reaction centre subunit x; PDBTitle: crystal structure of photosystem i: a photosynthetic reaction center2 and core antenna system from cyanobacteria
15	d1jb0K_	Alignment		9.6	17	Fold: Photosystem I reaction center subunit X, PsaK Superfamily: Photosystem I reaction center subunit X, PsaK Family: Photosystem I reaction center subunit X, PsaK
16	c1afoB_	Alignment		9.4	27	PDB header: integral membrane protein Chain: B: PDB Molecule: glycophorin a; PDBTitle: dimeric transmembrane domain of human glycophorin a, nmr,2 20 structures
17	c1qlcB_	Alignment		8.6	21	PDB header: oxidoreductase/immune system Chain: B: PDB Molecule: cytochrome c oxidase polypeptide ii; PDBTitle: cryo-structure of the paracoccus denitrificans four-subunit2 cytochrome c oxidase in the completely oxidized state3 complexed with an antibody fv fragment
18	c1ar1B_	Alignment		8.6	21	PDB header: complex (oxidoreductase/antibody) Chain: B: PDB Molecule: cytochrome c oxidase; PDBTitle: structure at 2.7 angstrom resolution of the paracoccus2 denitrificans two-subunit cytochrome c oxidase complexed3 with an antibody fv fragment
19	c2kb1A_	Alignment		8.2	9	PDB header: membrane protein Chain: A: PDB Molecule: wsk3; PDBTitle: nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa
20	c3lw5K_	Alignment		7.4	21	PDB header: photosynthesis Chain: K: PDB Molecule: photosystem i reaction center subunit x psak; PDBTitle: improved model of plant photosystem i
21	c2o01G_	Alignment	not modelled	6.6	25	PDB header: photosynthesis Chain: G: PDB Molecule: photosystem i reaction center subunit v, PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution