


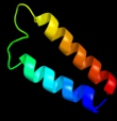





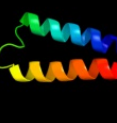

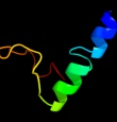











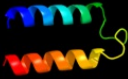




Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P67244
Date	Thu Jan 5 12:10:32 GMT 2012
Unique Job ID	d4d8915d54bf21f2

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1q90b_	 Alignment		36.6	18	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
2	d2e74a1	 Alignment		31.9	20	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
3	d3cx5c2	 Alignment		24.2	11	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
4	c3cx5N_	 Alignment		16.8	11	PDB header: oxidoreductase Chain: N: PDB Molecule: cytochrome b; PDBTitle: structure of complex iii with bound cytochrome c in reduced2 state and definition of a minimal core interface for3 electron transfer.
5	c2qjkM_	 Alignment		16.0	14	PDB header: electron transport Chain: M: PDB Molecule: cytochrome b; PDBTitle: crystal structure analysis of mutant rhodobacter2 sphaeroides bc1 with stigmatellin and antimycin
6	d2au5a1	 Alignment		12.2	18	Fold: EF2947-like Superfamily: EF2947-like Family: EF2947-like
7	c1p4qA_	 Alignment		11.0	26	PDB header: transcription/transerase Chain: A: PDB Molecule: cbp/p300-interacting transactivator 2; PDBTitle: solution structure of the cited2 transactivation domain in2 complex with the p300 ch1 domain
8	c2vkjA_	 Alignment		10.1	43	PDB header: membrane protein Chain: A: PDB Molecule: tm1634; PDBTitle: structure of the soluble domain of the membrane protein2 tm1634 from thermotoga maritima
9	c2yv4A_	 Alignment		9.0	14	PDB header: rna binding protein Chain: A: PDB Molecule: hypothetical protein ph0435; PDBTitle: crystal structure of c-terminal sua5 domain from pyrococcus horikoshii2 hypothetical sua5 protein ph0435
10	d2p62a1	 Alignment		8.3	22	Fold: PH0156-like Superfamily: PH0156-like Family: PH0156-like
11	d2hkja1	 Alignment		8.3	14	Fold: S13-like H2TH domain Superfamily: S13-like H2TH domain Family: Topoisomerase VI-B subunit middle domain

12	c1r8uA_	Alignment		8.1	26	PDB header: transcription/transcription activator Chain: A: PDB Molecule: cbp/p300-interacting transactivator 2; PDBTitle: nmr structure of cbp taz1/cited2 complex
13	d1ppjc2	Alignment		7.6	14	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
14	d2e9xb1	Alignment		7.3	7	Fold: GINS helical bundle-like Superfamily: GINS helical bundle-like Family: PSF2 C-terminal domain-like

15	c2wp0C_	Alignment		7.3	19	<p>PDB header: dna binding protein</p> <p>Chain: C: PDB Molecule: chromosomal replication initiator protein dnaa;</p> <p>PDB Title: crystal structure of a hoba-dnaa (domain i-ii) complex from2 helicobacter pylori.</p>
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