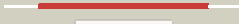



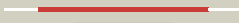



















Phyre2

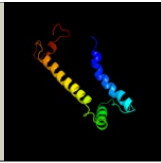
Email	I.a.kelley@imperial.ac.uk
Description	P0AAM1
Date	Thu Jan 5 11:13:16 GMT 2012
Unique Job ID	43476103371bb5a1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1kqfc_	 Alignment		100.0	16	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Formate dehydrogenase N, cytochrome (gamma) subunit
2	c2qjkM_	 Alignment		98.3	15	PDB header: electron transport Chain: M: PDB Molecule: cytochrome b; PDBTitle: crystal structure analysis of mutant rhodobacter2 sphaeroides bc1 with stigmatellin and antimycin
3	d3cx5c2	 Alignment		98.3	17	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		98.2	17	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	c3cwbC_	 Alignment		98.2	16	PDB header: oxidoreductase Chain: C: PDB Molecule: cytochrome b; PDBTitle: chicken cytochrome bc1 complex inhibited by an iodinated analogue of2 the polyketide crocacin-d
6	d1ppjc2	 Alignment		98.1	18	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
7	d1q90b_	 Alignment		98.0	18	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
8	d1bccc3	 Alignment		98.0	17	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
9	d2e74a1	 Alignment		97.9	18	Fold: Heme-binding four-helical bundle Superfamily: Transmembrane di-heme cytochromes Family: Cytochrome b of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
10	d1y5ic1	 Alignment		84.7	7	Fold: Heme-binding four-helical bundle Superfamily: Respiratory nitrate reductase 1 gamma chain Family: Respiratory nitrate reductase 1 gamma chain
11	c3eh4A_	 Alignment		53.0	14	PDB header: oxidoreductase Chain: A: PDB Molecule: cytochrome c oxidase subunit 1; PDBTitle: structure of the reduced form of cytochrome ba3 oxidase from thermus2 thermophilus

12 [d2axta1](#)

Alignment



16.0

14

Fold:Bacterial photosystem II reaction centre, L and M subunits
Superfamily:Bacterial photosystem II reaction centre, L and M subunits
Family:Bacterial photosystem II reaction centre, L and M subunits