
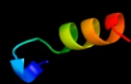







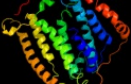


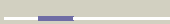




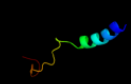




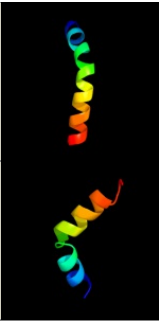


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P33231
Date	Thu Jan 5 11:51:31 GMT 2012
Unique Job ID	0271cbe961755b89

Detailed template information

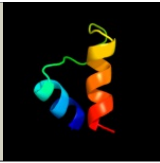
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlz96a1	 Alignment		25.2	47	Fold: RuvA C-terminal domain-like Superfamily: UBA-like Family: UBA domain
2	dlcuka1	 Alignment		17.3	64	Fold: RuvA C-terminal domain-like Superfamily: DNA helicase RuvA subunit, C-terminal domain Family: DNA helicase RuvA subunit, C-terminal domain
3	d2axtk1	 Alignment		16.5	16	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein K, PsbK Family: PsbK-like
4	c2lbgA_	 Alignment		15.6	38	PDB header: membrane protein Chain: A: PDB Molecule: major prion protein; PDBTitle: structure of the chr of the prion protein in dpc micelles
5	c3eh4A_	 Alignment		14.5	13	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
6	dlxmea1	 Alignment		13.6	13	Fold: Cytochrome c oxidase subunit I-like Superfamily: Cytochrome c oxidase subunit I-like Family: Cytochrome c oxidase subunit I-like
7	c3a0bK_	 Alignment		10.6	16	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of br-substituted photosystem ii complex
8	d3orca_	 Alignment		8.4	27	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: Phage repressors
9	c2kncA_	 Alignment		7.3	19	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
10	c3a0bk_	 Alignment		6.6	16	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of br-substituted photosystem ii complex
11	dlY60a_	 Alignment		6.3	14	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: Formaldehyde-activating enzyme, FAE

12	c3a0hk_	Alignment		6.2	16	PDB header: electron transport Chain: K: PDB Molecule: photosystem ii reaction center protein k; PDBTitle: crystal structure of i-substituted photosystem ii complex
13	d1ej5a_	Alignment		5.8	12	Fold: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain Superfamily: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain Family: Wiscott-Aldrich syndrome protein, WASP, C-terminal domain

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[c2z3xC](#)

Alignment



5.7

19

PDB header: dna binding protein/dna
Chain: C: **PDB Molecule:** small, acid-soluble spore protein c;
PDB Title: structure of a protein-dna complex essential for dna2
protection in spore of bacillus species