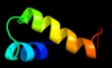
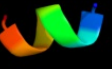
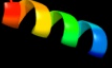
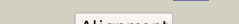
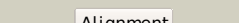
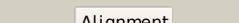
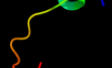
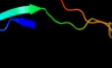
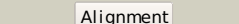
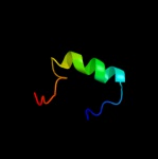
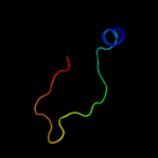
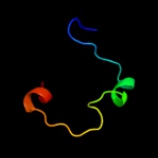
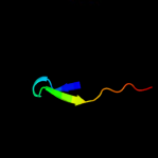
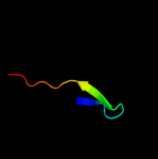


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P32160
Date	Thu Jan 5 11:49:41 GMT 2012
Unique Job ID	23caa03cdae41aec

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ikmD_	 Alignment		69.7	22	PDB header: transferase Chain: D: PDB Molecule: dna polymerase subunit gamma-1; PDBTitle: crystal structure of human mitochondrial dna polymerase2 holoenzyme
2	d1d9ca_	 Alignment		14.3	30	Fold: 4-helical cytokines Superfamily: 4-helical cytokines Family: Interferons/interleukin-10 (IL-10)
3	d1eq1a_	 Alignment		13.1	27	Fold: Apolipoprotein-III Superfamily: Apolipoprotein-III Family: Apolipoprotein-III
4	d1tula_	 Alignment		12.0	21	Fold: beta-clip Superfamily: Tlp20, baculovirus telokin-like protein Family: Tlp20, baculovirus telokin-like protein
5	d1u5ta1	 Alignment		11.7	33	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Vacuolar sorting protein domain
6	c1g2cN_	 Alignment		10.9	53	PDB header: viral protein Chain: N: PDB Molecule: fusion protein (f); PDBTitle: human respiratory syncytial virus fusion protein core
7	c2ai4A_	 Alignment		10.6	39	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein so1698; PDBTitle: structure of protein of unknown function so1698 from shewanella2 oneidensis
8	d1eysh1	 Alignment		10.1	19	Fold: PRC-barrel domain Superfamily: PRC-barrel domain Family: Photosynthetic reaction centre, H-chain, cytoplasmic domain
9	c2xvoB_	 Alignment		9.3	38	PDB header: structural genomics Chain: B: PDB Molecule: sso1725; PDBTitle: sso1725, a protein involved in the crispr/cas pathway
10	c2i5nH_	 Alignment		6.9	19	PDB header: photosynthesis Chain: H: PDB Molecule: reaction center protein h chain; PDBTitle: 1.96 a x-ray structure of photosynthetic reaction center from2 rhodospseudomonas viridis:crystals grown by microfluidic technique
11	c2rigA_	 Alignment		6.8	5	PDB header: cytokine Chain: A: PDB Molecule: interferon-gamma; PDBTitle: crystal structure of recombinant rabbit interferon-gamma at2 2.7-angstroms resolution

12	d2riga_	Alignment		6.8	5	Fold: 4-helical cytokines Superfamily: 4-helical cytokines Family: Interferons/interleukin-10 (IL-10)
13	c3aagA_	Alignment		5.8	29	PDB header: transferase Chain: A: PDB Molecule: general glycosylation pathway protein; PDBTitle: crystal structure of c. jejuni pglb c-terminal domain
14	c1u2zC_	Alignment		5.8	23	PDB header: transferase Chain: C: PDB Molecule: histone-lysine n-methyltransferase, h3 lysine-79 PDBTitle: crystal structure of histone k79 methyltransferase dot1p2 from yeast
15	c3kf8C_	Alignment		5.7	38	PDB header: structural protein Chain: C: PDB Molecule: protein stn1; PDBTitle: crystal structure of c. tropicalis stn1-ten1 complex
16	c2v6eB_	Alignment		5.6	19	PDB header: hydrolase Chain: B: PDB Molecule: protelemorase; PDBTitle: protelomerase telk complexed with substrate dna
17	d1rzhh1	Alignment		5.5	12	Fold: PRC-barrel domain Superfamily: PRC-barrel domain Family: Photosynthetic reaction centre, H-chain, cytoplasmic domain
18	c1k6nH_	Alignment		5.3	12	PDB header: photosynthesis Chain: H: PDB Molecule: photosynthetic reaction center h subunit; PDBTitle: e(l212)a,d(l213)a double mutant structure of photosynthetic reaction2 center from rhodobacter sphaeroides

19 [dlz21a1](#)

Alignment



5.2

11

Fold:Type III secretion system domain
Superfamily:Type III secretion system domain
Family:YopR Core