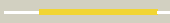
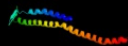









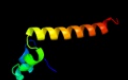

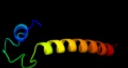








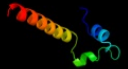










Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0ABU9
Date	Thu Jan 5 11:16:27 GMT 2012
Unique Job ID	dc1f38dbb00d2a73

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2bbjB_	 Alignment		79.2	15	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
2	c1ciiA_	 Alignment		66.3	13	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
3	dlo5ha_	 Alignment		26.4	9	Fold: Methenyltetrahydrofolate cyclohydrolase-like Superfamily: Methenyltetrahydrofolate cyclohydrolase-like Family: Methenyltetrahydrofolate cyclohydrolase-like
4	c2ap7A_	 Alignment		25.8	46	PDB header: antibiotic Chain: A: PDB Molecule: bombinin h2; PDBTitle: solution structure of bombinin h2 in dpc micelles
5	c2ap8A_	 Alignment		23.8	46	PDB header: antibiotic Chain: A: PDB Molecule: bombinin h4; PDBTitle: solution structure of bombinin h4 in dpc micelles
6	d1jt6a1	 Alignment		20.9	6	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
7	d1rka1	 Alignment		16.0	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
8	c1tt9B_	 Alignment		15.3	9	PDB header: transferase, lyase Chain: B: PDB Molecule: formimidoyltransferase-cyclodeaminase PDBTitle: structure of the bifunctional and golgi associated2 formiminotransferase cyclodeaminase octamer
9	d1vi0a1	 Alignment		13.7	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
10	d1q8da_	 Alignment		8.8	67	Fold: GDNF receptor-like Superfamily: GDNF receptor-like Family: GDNF receptor-like
11	c2dg8D_	 Alignment		8.1	11	PDB header: gene regulation Chain: D: PDB Molecule: putative tetr-family transcriptional regulatory protein; PDBTitle: crystal structure of the putative trasncriptional regulator sco75182 from streptomyces coelicolor a3(2)

12	d1zk8a1	Alignment		8.1	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
13	d1pb6a1	Alignment		7.5	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
14	c3s5rA	Alignment		7.5	15	PDB header: dna binding protein Chain: A: PDB Molecule: transcriptional regulator tetr family; PDBTitle: crystal structure of a putative transcriptional regulator of the tetr2 family (syn_02108) from syntrophus aciditrophicus at 2.60 a3 resolution
15	d2fbqa1	Alignment		7.0	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
16	c3gzlA	Alignment		6.9	11	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator, tetr family; PDBTitle: crystal structure of a transcriptional regulator of the tetr family2 (shew_3567) from shewanella loihica pv-4 at 2.05 a resolution
17	c2l4ga	Alignment		6.7	45	PDB header: viral protein Chain: A: PDB Molecule: haemagglutinin; PDBTitle: influenza haemagglutinin fusion peptide mutant g13a
18	c1u9nA	Alignment		6.4	16	PDB header: dna binding protein Chain: A: PDB Molecule: transcriptional repressor ethr; PDBTitle: crystal structure of the transcriptional regulator ethr in2 a ligand bound conformation opens therapeutic perspectives3 against tuberculosis and leprosy
19	c2v5eA	Alignment		6.2	50	PDB header: receptor/glycoprotein complex Chain: A: PDB Molecule: gdnf family receptor alpha-1; PDBTitle: the structure of the gdnf:coreceptor complex: insights2 into ret signalling and heparin binding.
20	c3fubA	Alignment		6.2	50	PDB header: hormone Chain: A: PDB Molecule: gdnf family receptor alpha-1; PDBTitle: crystal structure of gdnf-gfralpha1 complex
21	c2dciA	Alignment	not modelled	6.2	45	PDB header: viral protein Chain: A: PDB Molecule: hemagglutinin; PDBTitle: nmr structure of influenza ha fusion peptide mutant w14a in2 dpc in ph5
22	c2oerA	Alignment	not modelled	5.7	13	PDB header: transcription Chain: A: PDB Molecule: probable transcriptional regulator; PDBTitle: probable transcriptional regulator from pseudomonas2 aeruginosa
23	c2hjdA	Alignment	not modelled	5.4	12	PDB header: signaling protein Chain: A: PDB Molecule: quorum-sensing antiactivator; PDBTitle: crystal structure of a second quorum sensing antiactivator tram2 from2 a. tumefaciens strain a6
24	d2o7ta1	Alignment	not modelled	5.3	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Tetracyclin repressor-like, N-terminal domain
25	c3eupA	Alignment	not modelled	5.1	11	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, tetr family; PDBTitle: the crystal structure of the transcriptional regulator, tetr family2 from cytophaga hutchinsonii