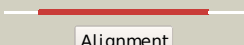
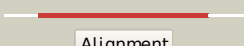
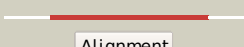
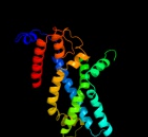
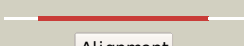
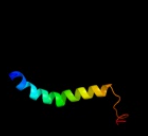


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P07654
Date	Wed Jan 25 15:20:13 GMT 2012
Unique Job ID	24330974aa310163

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3fh6F_	 Alignment		100.0	14	PDB header: transport protein Chain: F: PDB Molecule: maltose transport system permease protein malF; PDBTitle: crystal structure of the resting state maltose transporter from e.2 coli
2	d2r6gg1	 Alignment		100.0	15	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
3	c2r6gF_	 Alignment		100.0	15	PDB header: hydrolase/transport protein Chain: F: PDB Molecule: maltose transport system permease protein malF; PDBTitle: the crystal structure of the e. coli maltose transporter
4	c2onkC_	 Alignment		100.0	21	PDB header: membrane protein Chain: C: PDB Molecule: molybdate/tungstate abc transporter, permease PDBTitle: abc transporter modbc in complex with its binding protein2 moda
5	d2onkc1	 Alignment		100.0	21	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
6	d2r6gf2	 Alignment		100.0	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
7	d3d31c1	 Alignment		100.0	20	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
8	c3d31D_	 Alignment		100.0	20	PDB header: transport protein Chain: D: PDB Molecule: sulfate/molybdate abc transporter, permease PDBTitle: modbc from methanosarcina acetivorans
9	d3dhwa1	 Alignment		99.9	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
10	d2r6gf1	 Alignment		33.9	19	Fold: MalF N-terminal region-like Superfamily: MalF N-terminal region-like Family: MalF N-terminal region-like
11	c1umqA_	 Alignment		17.5	10	PDB header: dna-binding protein Chain: A: PDB Molecule: photosynthetic apparatus regulatory protein; PDBTitle: solution structure and dna binding of the effector domain2 from the global regulator prrA(rega) from r. sphaeroides:3 insights into dna binding specificity

12	d1umqa_	Alignment		17.5	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
13	d1ntca_	Alignment		15.8	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
14	c2jwaA_	Alignment		14.5	18	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure
15	d1fipa_	Alignment		11.7	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
16	d1etob_	Alignment		10.4	10	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
17	c2hx6A_	Alignment		9.1	25	PDB header: hydrolase Chain: A: PDB Molecule: ribonuclease; PDBTitle: solution structure analysis of the phage t42 endoribonuclease regb
18	c3e7ID_	Alignment		8.9	23	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4's dna binding2 domain

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[d1etxa_](#)

Alignment



8.6

10

Fold: DNA/RNA-binding 3-helical bundle
Superfamily: Homeodomain-like
Family: FIS-like