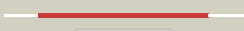
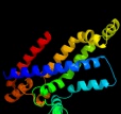
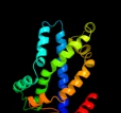


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P31547
Date	Thu Jan 5 11:48:06 GMT 2012
Unique Job ID	675cd83b15036619

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d3dhwa1	 Alignment		100.0	100	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
2	d2onkc1	 Alignment		100.0	13	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
3	c2onkC_	 Alignment		100.0	13	PDB header: membrane protein Chain: C: PDB Molecule: molybdate/tungstate abc transporter, permease PDBTitle: abc transporter modbc in complex with its binding protein2 moda
4	d3d31c1	 Alignment		100.0	14	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
5	c3d31D_	 Alignment		100.0	14	PDB header: transport protein Chain: D: PDB Molecule: sulfate/molybdate abc transporter, permease PDBTitle: modbc from methanosarcina acetivorans
6	c2r6gF_	 Alignment		100.0	19	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
7	d2r6gf2	 Alignment		100.0	19	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
8	c3fh6F_	 Alignment		100.0	17	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
9	d2r6gg1	 Alignment		99.9	14	Fold: Metl-like Superfamily: Metl-like Family: Metl-like
10	c1umqA_	 Alignment		38.7	9	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
11	d1umqa_	 Alignment		38.7	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like

12	d1ntca_	Alignment		38.3	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
13	d1fipa_	Alignment		27.6	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
14	d1etob_	Alignment		23.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
15	c3e7lD_	Alignment		19.2	22	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4's dna binding2 domain
16	d1etxa_	Alignment		17.6	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like

17 [d1g2ha_](#)

Alignment



7.8

16

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