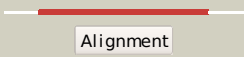

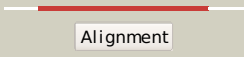

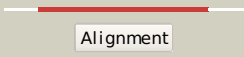



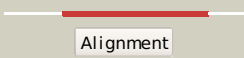

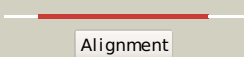

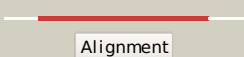

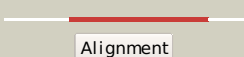

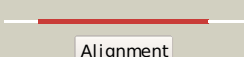

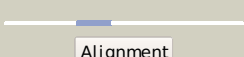

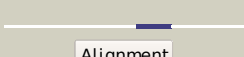










Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P77463
Date	Thu Jan 5 12:29:30 GMT 2012
Unique Job ID	c8d30d6605c32a96

Detailed template information

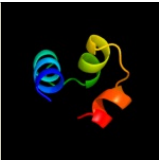
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1	c2onkC_	 Alignment		99.9	17	PDB header: membrane protein Chain: C: PDB Molecule: molybdate/tungstate abc transporter, permease PDBTitle: abc transporter modbc in complex with its binding protein2 moda
2	d2onkc1	 Alignment		99.9	17	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
3	c3fh6F_	 Alignment		99.9	12	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
4	d3dhwa1	 Alignment		99.9	17	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
5	d2r6gf2	 Alignment		99.9	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
6	d3d31c1	 Alignment		99.9	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
7	c3d31D_	 Alignment		99.9	14	PDB header: transport protein Chain: D: PDB Molecule: sulfate/molybdate abc transporter, permease PDBTitle: modbc from methanosarcina acetivorans
8	c2r6gF_	 Alignment		99.9	14	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
9	d2r6gg1	 Alignment		99.9	15	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
10	c2jwaA_	 Alignment		29.1	18	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure
11	d1umqa_	 Alignment		9.5	9	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like

12	c1umqA_	Alignment		9.5	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
13	c2cw1A_	Alignment		7.8	25	PDB header: de novo protein Chain: A: PDB Molecule: sn4m; PDBTitle: solution structure of the de novo-designed lambda cro fold2 protein
14	c1wz4A_	Alignment		7.3	57	PDB header: gene regulation Chain: A: PDB Molecule: major surface antigen; PDBTitle: solution conformation of adr subtype hbv pre-s2 epitope
15	d1ntca_	Alignment		7.1	24	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
16	d1etob_	Alignment		7.1	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
17	d1fipa_	Alignment		7.0	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
18	d1g2ha_	Alignment		5.7	24	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like

19

[d1etxa_](#)

Alignment



5.3

15

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