










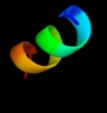

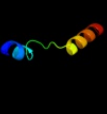










Phyre2

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Description	O14455
Date	Mon Jul 2 19:10:21 BST 2012
Unique Job ID	51cdeac384d4f765

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4a19Q_	 Alignment		100.0	38	PDB header: ribosome Chain: Q; PDB Molecule: 60s ribosomal protein l36; PDBTitle: t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 26s rrna and3 proteins of molecule 2.
2	c3izck_	 Alignment		100.0	100	PDB header: ribosome Chain: K; PDB Molecule: 60s ribosomal protein rpl16 (l13p); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
3	c3iz5k_	 Alignment		100.0	46	PDB header: ribosome Chain: K; PDB Molecule: 60s ribosomal protein l13a (l13p); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
4	c3b5mD_	 Alignment		11.3	35	PDB header: structural genomics, unknown function Chain: D; PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of conserved uncharacterized protein from2 rhodopirellula baltica
5	d2vbuA1	 Alignment		10.5	31	Fold: Reductase/isomerase/elongation factor common domain Superfamily: Riboflavin kinase-like Family: CTP-dependent riboflavin kinase-like
6	c3gkuB_	 Alignment		8.8	50	PDB header: rna binding protein Chain: B; PDB Molecule: probable rna-binding protein; PDBTitle: crystal structure of a probable rna-binding protein from clostridium2 symbiosum atcc 14940
7	c2yy0D_	 Alignment		7.9	23	PDB header: transcription Chain: D; PDB Molecule: c-myc-binding protein; PDBTitle: crystal structure of ms0802, c-myc-1 binding protein domain2 from homo sapiens
8	d1hyva_	 Alignment		7.4	57	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: Retroviral integrase, catalytic domain
9	d1in0a2	 Alignment		7.2	6	Fold: Ferredoxin-like Superfamily: YajQ-like Family: YajQ-like
10	d3ctaa2	 Alignment		7.1	40	Fold: Reductase/isomerase/elongation factor common domain Superfamily: Riboflavin kinase-like Family: CTP-dependent riboflavin kinase-like
11	c2kxwB_	 Alignment		6.0	53	PDB header: calcium-binding protein/metal transport Chain: B; PDB Molecule: sodium channel protein type 2 subunit alpha; PDBTitle: structure of the c-domain fragment of apo calmodulin bound to the iq2 motif of nav1.2

12 [d1w7pd1](#)

Alignment



5.4

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Fold: DNA/RNA-binding 3-helical bundle
Superfamily: "Winged helix" DNA-binding domain
Family: Vacuolar sorting protein domain