




















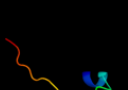

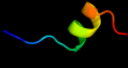
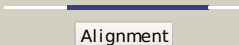
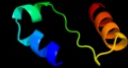
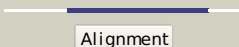
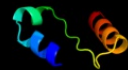
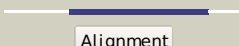

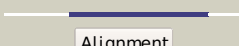

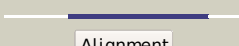



Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0A0G2
Date	Tue Jul 17 17:05:05 BST 2012
Unique Job ID	73f7ed2572ee0833

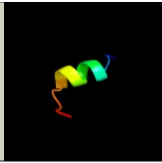
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1bxya_	 Alignment		99.9	47	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
2	d2gycx1	 Alignment		99.9	49	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
3	d2zjrw1	 Alignment		99.9	56	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
4	d1vqow1	 Alignment		99.4	24	Fold: Ribosomal protein L30p/L7e Superfamily: Ribosomal protein L30p/L7e Family: Ribosomal protein L30p/L7e
5	c3izce_	 Alignment		99.3	18	PDB header: ribosome Chain: E: PDB Molecule: 60s ribosomal protein rpl11 (I5p); PDBTitle: localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
6	c4a1cV_	 Alignment		99.3	15	PDB header: ribosome Chain: V: PDB Molecule: 60s ribosomal protein I7; PDBTitle: t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 5s rrna,3 5.8s rrna and proteins of molecule 4.
7	c3iz5e_	 Alignment		99.3	20	PDB header: ribosome Chain: E: PDB Molecule: 60s ribosomal protein I11 (I5p); PDBTitle: localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
8	c3jywF_	 Alignment		99.3	19	PDB header: ribosome Chain: F: PDB Molecule: 60s ribosomal protein I7(a); PDBTitle: structure of the 60s proteins for eukaryotic ribosome based on cryo-em2 map of thermomyces lanuginosus ribosome at 8.9a resolution
9	c2zkrw_	 Alignment		99.3	18	PDB header: ribosomal protein/rna Chain: W: PDB Molecule: rna expansion segment es10; PDBTitle: structure of a mammalian ribosomal 60s subunit within an 80s complex2 obtained by docking homology models of the rna and proteins into an3 8.7 a cryo-em map
10	c1s1iF_	 Alignment		99.2	18	PDB header: ribosome Chain: F: PDB Molecule: 60s ribosomal protein I7-a; PDBTitle: structure of the ribosomal 80s-eef2-sordarin complex from2 yeast obtained by docking atomic models for rna and protein3 components into a 11.7 a cryo-em map. this file, 1s1i,4 contains 60s subunit. the 40s ribosomal subunit is in file5 1s1h.
11	c3vg8F_	 Alignment		14.1	29	PDB header: unknown function Chain: F: PDB Molecule: hypothetical protein tthb210; PDBTitle: crystal structure of hypothetical protein tthb210 from thermus2 thermophilus hb8

12	dljhfa1	 Alignment		9.8	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
13	cljr2A_	 Alignment		9.7	14	PDB header: lyase Chain: A: PDB Molecule: uroporphyrinogen-iii synthase; PDBTitle: structure of uroporphyrinogen iii synthase
14	dljr2a_	 Alignment		9.7	14	Fold: HemD-like Superfamily: HemD-like Family: HemD-like
15	c3excX_	 Alignment		8.0	20	PDB header: hydrolase Chain: X: PDB Molecule: uncharacterized protein; PDBTitle: structure of the rna'se sso8090 from sulfolobus solfataricus
16	c3re1B_	 Alignment		6.4	9	PDB header: lyase Chain: B: PDB Molecule: uroporphyrinogen-iii synthetase; PDBTitle: crystal structure of uroporphyrinogen iii synthase from pseudomonas2 syringae pv. tomato dc3000
17	c3d8tB_	 Alignment		6.0	9	PDB header: lyase Chain: B: PDB Molecule: uroporphyrinogen-iii synthase; PDBTitle: thermus thermophilus uroporphyrinogen iii synthase

18 [d1ef4a_](#)

Alignment



5.6

33

Fold: DNA/RNA-binding 3-helical bundle
Superfamily: RNA polymerase subunit RPB10
Family: RNA polymerase subunit RPB10