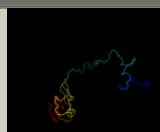
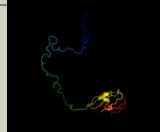
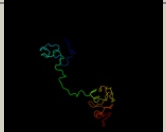
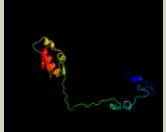
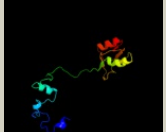
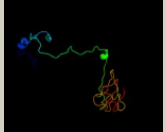
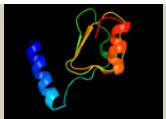
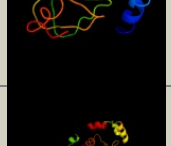
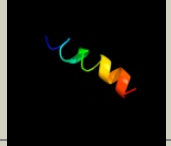
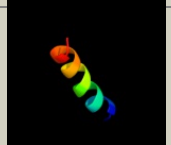
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P02413
Date	Thu Jan 5 10:57:33 GMT 2012
Unique Job ID	91f8fa6b7d5533a7

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2gycj1	Alignment		100.0	100	**Fold:**Ribosomal proteins L15p and L18e **Superfamily:**Ribosomal proteins L15p and L18e **Family:**Ribosomal proteins L15p and L18e
2	d2zjri1	Alignment		100.0	43	**Fold:**Ribosomal proteins L15p and L18e **Superfamily:**Ribosomal proteins L15p and L18e **Family:**Ribosomal proteins L15p and L18e
3	c3bboN_	Alignment		100.0	42	**PDB header:**ribosome **Chain:** N: **PDB Molecule:**ribosomal protein l15; **PDBTitle:** homology model for the spinach chloroplast 50s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome
4	d2j01p1	Alignment		100.0	42	**Fold:**Ribosomal proteins L15p and L18e **Superfamily:**Ribosomal proteins L15p and L18e **Family:**Ribosomal proteins L15p and L18e
5	c4a1cK_	Alignment		100.0	26	**PDB header:**ribosome **Chain:** K: **PDB Molecule:**60s ribosomal protein l27a; **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.
6	d1vqol1	Alignment		100.0	29	**Fold:**Ribosomal proteins L15p and L18e **Superfamily:**Ribosomal proteins L15p and L18e **Family:**Ribosomal proteins L15p and L18e
7	c1s1iV_	Alignment		100.0	24	**PDB header:**ribosome **Chain:** V: **PDB Molecule:**60s ribosomal protein l28; **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.
8	c2zkrl_	Alignment		100.0	25	**PDB header:**ribosomal protein/rna **Chain:** L: **PDB Molecule:**rna expansion segment es20; **PDBTitle:** structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
9	c3iz5O_	Alignment		100.0	27	**PDB header:**ribosome **Chain:** O: **PDB Molecule:**60s ribosomal protein l27a (l15p); **PDBTitle:** localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
10	d1vqoo1	Alignment		99.1	19	**Fold:**Ribosomal proteins L15p and L18e **Superfamily:**Ribosomal proteins L15p and L18e **Family:**Ribosomal proteins L15p and L18e
11	c3iz5R_	Alignment		98.6	27	**PDB header:**ribosome **Chain:** R: **PDB Molecule:**60s ribosomal protein l18 (l18e); **PDBTitle:** localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome

12	c2zkro_	Alignment		98.6	28	**PDB header:**ribosomal protein/rna **Chain:** O: **PDB Molecule:**rna expansion segment es30; **PDBTitle:** structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
13	c4a1aN_	Alignment		98.4	29	**PDB header:**ribosome **Chain:** N: **PDB Molecule:**rpl18; **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 3.
14	c3izcR_	Alignment		98.3	25	**PDB header:**ribosome **Chain:** R: **PDB Molecule:**60s ribosomal protein rpl18 (l18e); **PDBTitle:** localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
15	c1s1iO_	Alignment		98.0	30	**PDB header:**ribosome **Chain:** O: **PDB Molecule:**60s ribosomal protein l18; **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.
16	d1vqoc1	Alignment		20.9	20	**Fold:**Ribosomal protein L4 **Superfamily:**Ribosomal protein L4 **Family:**Ribosomal protein L4
17	c2jo4C_	Alignment		13.7	39	**PDB header:**de novo protein **Chain:** C: **PDB Molecule:**kia7; **PDBTitle:** tetrameric structure of kia7 peptide
18	c2jo4D_	Alignment		13.7	39	**PDB header:**de novo protein **Chain:** D: **PDB Molecule:**kia7; **PDBTitle:** tetrameric structure of kia7 peptide
19	c2jo4A_	Alignment		13.7	39	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**kia7; **PDBTitle:** tetrameric structure of kia7 peptide
20	c2jo4B_	Alignment		13.7	39	**PDB header:**de novo protein **Chain:** B: **PDB Molecule:**kia7; **PDBTitle:** tetrameric structure of kia7 peptide
21	c2jo5A_	Alignment	not modelled	13.5	39	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**kia7f; **PDBTitle:** tetrameric structure of kia7f peptide
22	c2jo5B_	Alignment	not modelled	13.5	39	**PDB header:**de novo protein **Chain:** B: **PDB Molecule:**kia7f; **PDBTitle:** tetrameric structure of kia7f peptide
23	c2jo5C_	Alignment	not modelled	13.5	39	**PDB header:**de novo protein **Chain:** C: **PDB Molecule:**kia7f; **PDBTitle:** tetrameric structure of kia7f peptide
24	c2jo5D_	Alignment	not modelled	13.5	39	**PDB header:**de novo protein **Chain:** D: **PDB Molecule:**kia7f; **PDBTitle:** tetrameric structure of kia7f peptide
25	c3cceY_	Alignment	not modelled	12.7	29	**PDB header:**ribosome **Chain:** Y: **PDB Molecule:**50s ribosomal protein l32e; **PDBTitle:** structure of anisomycin resistant 50s ribosomal subunit: 23s rrna2 mutation u2535a
26	d1vqoy1	Alignment	not modelled	12.7	29	**Fold:**Barstar-like **Superfamily:**Ribosomal protein L32e **Family:**Ribosomal protein L32e
27	c1s1i0_	Alignment	not modelled	8.7	32	**PDB header:**ribosome **Chain:** 0: **PDB Molecule:**60s ribosomal protein l32; **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.
28	c3jywD_	Alignment	not modelled	8.5	14	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**60s ribosomal protein l4(b); **PDBTitle:** structure of the 60s proteins for eukaryotic ribosome based on cryo-em2 map of thermomyces lanuginosus ribosome at 8.9a resolution

29	c2zjq5_	Alignment	not modelled	8.5	40	**PDB header:**ribosome **Chain:** 5: **PDB Molecule:**50s ribosomal protein l7/l12; **PDBTitle:** interaction of l7 with l11 induced by micrococcin binding2 to the deinococcus radiodurans 50s subunit
30	d2zjq51	Alignment	not modelled	8.5	40	**Fold:**ClpS-like **Superfamily:**ClpS-like **Family:**Ribosomal protein L7/12, C-terminal domain
31	d1ctfa_	Alignment	not modelled	7.9	33	**Fold:**ClpS-like **Superfamily:**ClpS-like **Family:**Ribosomal protein L7/12, C-terminal domain
32	d1dd3a2	Alignment	not modelled	7.9	27	**Fold:**ClpS-like **Superfamily:**ClpS-like **Family:**Ribosomal protein L7/12, C-terminal domain
33	c2gya3_	Alignment	not modelled	7.3	33	**PDB header:**ribosome **Chain:** 3: **PDB Molecule:**50s ribosomal protein l7/l12; **PDBTitle:** structure of the 50s subunit of a pre-translocational e.2 coli ribosome obtained by fitting atomic models for rna and3 protein components into cryo-em map emd-1056
34	c1giyJ_	Alignment	not modelled	7.0	27	**PDB header:**ribosome **Chain:** J: **PDB Molecule:**50s ribosomal protein l7/l12; **PDBTitle:** crystal structure of the ribosome at 5.5 a resolution. this2 file, 1giy, contains the 50s ribosome subunit. the 30s3 ribosome subunit, three trna, and mrna molecules are in the4 file 1gix
35	d1a9xa3	Alignment	not modelled	5.9	16	**Fold:**PreATP-grasp domain **Superfamily:**PreATP-grasp domain **Family:**BC N-terminal domain-like