




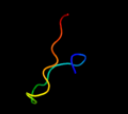





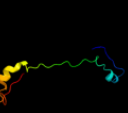



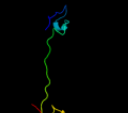





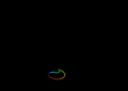
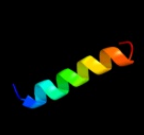
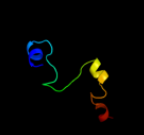


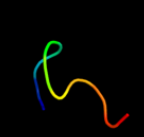



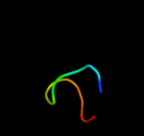


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	O13577
Date	Mon Jul 2 19:10:19 BST 2012
Unique Job ID	087cb74d2e7f16c5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2zxcA_	 Alignment		22.6	31	PDB header: hydrolase Chain: A: PDB Molecule: neutral ceramidase; PDBTitle: seramidase complexed with c2
2	d1pgya_	 Alignment		19.8	19	Fold: RuvA C-terminal domain-like Superfamily: UBA-like Family: UBA domain
3	c2z4lC_	 Alignment		17.7	19	PDB header: ribosome Chain: C: PDB Molecule: 50s ribosomal protein l2; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with paromomycin and ribosome recycling3 factor (rrf). this file contains the 50s subunit of the4 first 70s ribosome, with paromomycin and rrf bound. the5 entire crystal structure contains two 70s ribosomes and is6 described in remark 400.
4	d2qamc1	 Alignment		15.8	19	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: C-terminal domain of ribosomal protein L2
5	d1of5b_	 Alignment		14.9	17	Fold: Cystatin-like Superfamily: NTF2-like Family: NTF2-like
6	d1sida_	 Alignment		14.4	20	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Group I dsDNA viruses Family: Papovaviridae-like VP
7	c2gyaA_	 Alignment		12.9	19	PDB header: ribosome Chain: A: PDB Molecule: 50s ribosomal protein l2; 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
8	d1vpsa_	 Alignment		12.2	20	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Group I dsDNA viruses Family: Papovaviridae-like VP
9	d1qhma_	 Alignment		10.6	26	Fold: PFL-like glycy radical enzymes Superfamily: PFL-like glycy radical enzymes Family: PFL-like
10	d1vqoa1	 Alignment		9.5	36	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: C-terminal domain of ribosomal protein L2
11	d2zjra1	 Alignment		8.8	18	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: C-terminal domain of ribosomal protein L2

12	d1hc1a2	Alignment		8.8	33	Fold: Di-copper centre-containing domain Superfamily: Di-copper centre-containing domain Family: Hemocyanin middle domain
13	d1h16a_	Alignment		8.6	23	Fold: PFL-like glycol radical enzymes Superfamily: PFL-like glycol radical enzymes Family: PFL-like
14	c4drbC_	Alignment		7.8	20	PDB header: dna binding protein/protein binding Chain: C: PDB Molecule: fanconi anemia group m protein; PDBTitle: the crystal structure of fancm bound mhf complex
15	c1m45B_	Alignment		7.8	60	PDB header: cell cycle protein Chain: B: PDB Molecule: iq2 motif from myo2p, a class v myosin; PDBTitle: crystal structure of mlc1p bound to iq2 of myo2p, a class v2 myosin
16	c1kqsA_	Alignment		6.9	36	PDB header: ribosome Chain: A: PDB Molecule: ribosomal protein l2; PDBTitle: the haloarcula marismortui 50s complexed with a2 pretranslocational intermediate in protein synthesis
17	d2j01d1	Alignment		6.8	18	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: C-terminal domain of ribosomal protein L2
18	d1l1aa2	Alignment		6.0	23	Fold: Di-copper centre-containing domain Superfamily: Di-copper centre-containing domain Family: Hemocyanin middle domain
19	c2b66D_	Alignment		5.9	36	PDB header: ribosome Chain: D: PDB Molecule: 50s ribosomal protein l2; PDBTitle: 50s ribosomal subunit from a crystal structure of release factor rf1,2 trnas and mrna bound to the ribosome. this file contains the 50s3 subunit from a crystal structure of release factor rf1, trnas and4 mrna bound to the ribosome and is described in remark 400
20	c4a1cA_	Alignment		5.6	27	PDB header: ribosome Chain: A: PDB Molecule: rpl8; 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.
21	c3hhsB_	Alignment	not modelled	5.5	13	PDB header: oxidoreductase Chain: B: PDB Molecule: phenoloxidase subunit 1; PDBTitle: crystal structure of manduca sexta prophenoloxidase