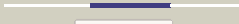
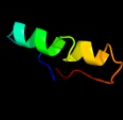
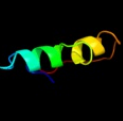
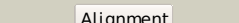
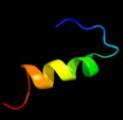
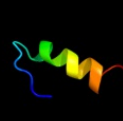


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	O13536
Date	Mon Jul 2 19:10:10 BST 2012
Unique Job ID	05ff7ec861a60fe3

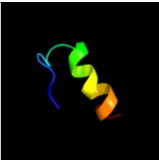
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1t1va_	 Alignment		43.7	26	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: SH3BGR (SH3-binding, glutamic acid-rich protein-like)
2	d1prtd_	 Alignment		9.8	34	Fold: OB-fold Superfamily: Bacterial enterotoxins Family: Bacterial AB5 toxins, B-subunits
3	c3grhA_	 Alignment		8.8	20	PDB header: hydrolase Chain: A: PDB Molecule: acyl-coa thioester hydrolase ybgc; PDBTitle: crystal structure of escherichia coli ybhc
4	clu6tA_	 Alignment		8.6	21	PDB header: protein binding, signaling protein Chain: A: PDB Molecule: sh3 domain-binding glutamic acid-rich-like PDBTitle: crystal structure of the human sh3 binding glutamic-rich2 protein like
5	d2qalr1	 Alignment		7.9	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Ribosomal protein S18 Family: Ribosomal protein S18
6	d1p4ea2	 Alignment		7.7	21	Fold: DNA breaking-rejoining enzymes Superfamily: DNA breaking-rejoining enzymes Family: Lambda integrase-like, catalytic core
7	c3df1R_	 Alignment		7.4	29	PDB header: ribosome Chain: R: PDB Molecule: 30s ribosomal protein s18; PDBTitle: crystal structure of the bacterial ribosome from escherichia2 coli in complex with hygromycin b. this file contains the3 30s subunit of the first 70s ribosome, with hygromycin b4 bound. the entire crystal structure contains two 70s5 ribosomes.
8	c2uzqE_	 Alignment		6.9	20	PDB header: hydrolase Chain: E: PDB Molecule: m-phase inducer phosphatase 2; PDBTitle: protein phosphatase, new crystal form
9	c1klrA_	 Alignment		6.3	48	PDB header: transcription Chain: A: PDB Molecule: zinc finger y-chromosomal protein; PDBTitle: nmr structure of the zfy-6[tty10f] zinc finger
10	d1klra_	 Alignment		6.3	48	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
11	c1klrA_	 Alignment		6.3	48	PDB header: transcription Chain: A: PDB Molecule: zinc finger y-chromosomal protein; PDBTitle: nmr structure of the zfy-6[tty10l] zinc finger

12

[c3bbnR_](#)

Alignment



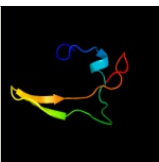
5.7

29

PDB header:ribosome
Chain: R: **PDB Molecule:**ribosomal protein s18;
PDBTitle: homology model for the spinach chloroplast 30s subunit fitted to 9.4a2 cryo-em map of the 70s chlororibosome.

13 [c1p4eB](#)

Alignment



5.5

21

PDB header: dna binding protein/recombination/dna
Chain: B: **PDB Molecule:** recombinase flp protein;
PDBTitle: flpe w330f mutant-dna holliday junction complex