Phyre2

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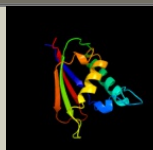
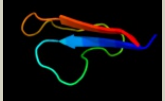
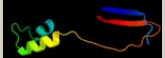
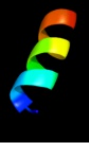
| Email | l.a.kelley@imperial.ac.uk |
| Description | P0AG74 |
| Date | Thu Jan 5 11:28:19 GMT 2012 |
| Unique Job ID | 91e0e5a721190210 |

Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|---|---|---|---|---|---|---|
| 1 | d1q8ra_ | Alignment |  | 100.0 | 100 | **Fold:**Bacillus chorismate mutase-like<br>**Superfamily:**Holliday junction resolvase RusA<br>**Family:**Holliday junction resolvase RusA |
| 2 | d1xrsb2 | Alignment |  | 18.0 | 44 | **Fold:**Dodecin subunit-like<br>**Superfamily:**D-lysine 5,6-aminomutase beta subunit KamE, N-terminal domain<br>**Family:**D-lysine 5,6-aminomutase beta subunit KamE, N-terminal domain |
| 3 | c1s1hE_ | Alignment |  | 13.2 | 47 | **PDB header:**ribosome<br>**Chain:** E: **PDB Molecule:**40s ribosomal protein s2;<br>**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, 1s1h,4 contains 40s subunit. the 60s ribosomal subunit is in file5 1s1i. |
| 4 | d2az0a1 | Alignment |  | 12.5 | 50 | **Fold:**ROP-like<br>**Superfamily:**FHV B2 protein-like<br>**Family:**FHV B2 protein-like |
| 5 | d1pkpa1 | Alignment |  | 12.3 | 38 | **Fold:**Ribosomal protein S5 domain 2-like<br>**Superfamily:**Ribosomal protein S5 domain 2-like<br>**Family:**Translational machinery components |
| 6 | c2zkqe_ | Alignment |  | 9.2 | 53 | **PDB header:**ribosomal protein/rna<br>**Chain:** E: **PDB Molecule:**rna expansion segment es6 part ii;<br>**PDBTitle:** structure of a mammalian ribosomal 40s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map |
| 7 | c3emiA_ | Alignment |  | 8.6 | 43 | **PDB header:**cell adhesion<br>**Chain:** A: **PDB Molecule:**hia (adhesin);<br>**PDBTitle:** crystal structure of hia 307-422 non-adhesive domain |
| 8 | d2qale1 | Alignment |  | 7.6 | 31 | **Fold:**Ribosomal protein S5 domain 2-like<br>**Superfamily:**Ribosomal protein S5 domain 2-like<br>**Family:**Translational machinery components |
| 9 | c2vnvC_ | Alignment |  | 7.2 | 9 | **PDB header:**sugar-binding protein<br>**Chain:** C: **PDB Molecule:**bcla;<br>**PDBTitle:** crystal structure of bcla lectin from burkholderia2 cenocepacia in complex with alpha-methyl-mannoside at 1.73 angstrom resolution |
| 10 | d1w91a1 | Alignment |  | 7.1 | 12 | **Fold:**Glycosyl hydrolase domain<br>**Superfamily:**Glycosyl hydrolase domain<br>**Family:**Composite domain of glycosyl hydrolase families 5, 30, 39 and 51 |
| 11 | c2xzmE_ | Alignment |  | 6.9 | 38 | **PDB header:**ribosome<br>**Chain:** E: **PDB Molecule:**ribosomal protein s5 containing protein;<br>**PDBTitle:** crystal structure of the eukaryotic 40s ribosomal2 subunit in complex with initiation factor 1. this file3 contains the 40s subunit and initiation factor for4 molecule 1 |

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| 12 | d2uube1 | Alignment |  | 6.2 | 36 | **Fold:**Ribosomal protein S5 domain 2-like<br>**Superfamily:**Ribosomal protein S5 domain 2-like<br>**Family:**Translational machinery components |