

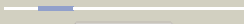


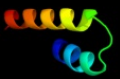








Phyre2

| | |
|---------------|-----------------------------|
| Email | l.a.kelley@imperial.ac.uk |
| Description | P76573 |
| Date | Thu Jan 5 12:24:42 GMT 2012 |
| Unique Job ID | b3a2ca05328dcd9f |

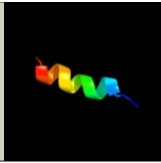
Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|---|-------------------------|--|---|------------|--------|---|
| 1 | c1q90G_ |  Alignment |  | 25.9 | 37 | PDB header: photosynthesis Chain: G: PDB Molecule: cytochrome b6f complex subunit petg; PDBTitle: structure of the cytochrome b6f (plastoquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii |
| 2 | d1q90g_ |  Alignment |  | 25.9 | 37 | Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex |
| 3 | c2hjmB_ |  Alignment |  | 13.1 | 24 | PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein pf1176; PDBTitle: crystal structure of a singleton protein pf1176 from p. furiosus |
| 4 | c2kqzA_ |  Alignment |  | 5.8 | 33 | PDB header: protein binding Chain: A: PDB Molecule: proteasomal ubiquitin receptor adrm1; PDBTitle: fragment of proteasome protein |
| 5 | c2koeA_ |  Alignment |  | 5.7 | 19 | PDB header: membrane protein, signaling protein Chain: A: PDB Molecule: human cannabinoid receptor 1 - helix 7/8 peptide; PDBTitle: human cannabinoid receptor 1 - helix 7/8 peptide |
| 6 | c1xnlA_ |  Alignment |  | 5.5 | 28 | PDB header: viral protein Chain: A: PDB Molecule: membrane protein gp37; PDBTitle: aslv fusion peptide |

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[c3byaB_](#)

Alignment



5.4

33

PDB header:metal binding protein
Chain: B: **PDB Molecule:**glutamate [nmda] receptor subunit zeta-1 peptide;
PDBTitle: structure of a calmodulin complex