

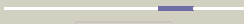


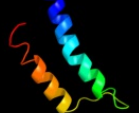



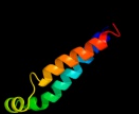


Phyre2

| | |
|---------------|-----------------------------|
| Email | l.a.kelley@imperial.ac.uk |
| Description | P76278 |
| Date | Thu Jan 5 12:21:32 GMT 2012 |
| Unique Job ID | fa61a8958aa351b8 |

Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|---|-------------------------|--|---|------------|--------|--|
| 1 | d1q90g_ |  Alignment |  | 11.5 | 22 | Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex |
| 2 | c1q90G_ |  Alignment |  | 11.5 | 22 | PDB header: photosynthesis Chain: G: PDB Molecule: cytochrome b6f complex subunit petg; PDBTitle: structure of the cytochrome b6f (plastohydroquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii |
| 3 | d2iuba2 |  Alignment |  | 10.6 | 11 | Fold: Transmembrane helix hairpin Superfamily: Magnesium transport protein CorA, transmembrane region Family: Magnesium transport protein CorA, transmembrane region |
| 4 | c3mk7K_ |  Alignment |  | 9.5 | 9 | PDB header: oxidoreductase Chain: K: PDB Molecule: cytochrome c oxidase, cbb3-type, subunit n; PDBTitle: the structure of cbb3 cytochrome oxidase |
| 5 | c2bbjB_ |  Alignment |  | 6.9 | 11 | PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter |

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[c1i7wB_](#)

Alignment



5.9

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PDB header:cell adhesion
Chain: B: **PDB Molecule:**epithelial-cadherin;
PDBTitle: beta-catenin/phosphorylated e-cadherin complex