

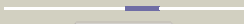








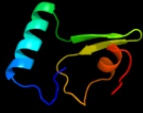


# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P75901
Date	Thu Jan 5 12:15:51 GMT 2012
Unique Job ID	af5bc76c5a8ab6c3

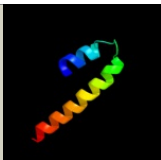
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3jycA_</a>	 Alignment		14.4	13	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> inward-rectifier k+ channel kir2.2; <b>PDBTitle:</b> crystal structure of the eukaryotic strong inward-rectifier2 k+ channel kir2.2 at 3.1 angstrom resolution
2	<a href="#">c2kncA_</a>	 Alignment		10.9	22	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
3	<a href="#">c2rddB_</a>	 Alignment		10.0	6	<b>PDB header:</b> membrane protein/transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> upf0092 membrane protein yajc; <b>PDBTitle:</b> x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.
4	<a href="#">c2rmiA_</a>	 Alignment		7.4	86	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> astressin; <b>PDBTitle:</b> 3d nmr structure of astressin
5	<a href="#">c1ciiA_</a>	 Alignment		6.8	10	<b>PDB header:</b> transmembrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> colicin ia; <b>PDBTitle:</b> colicin ia
6	<a href="#">d1d0na5</a>	 Alignment		6.7	17	<b>Fold:</b> Gelsolin-like <b>Superfamily:</b> Actin depolymerizing proteins <b>Family:</b> Gelsolin-like

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[d2axtz1](#)

Alignment



6.4

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**Fold:** Transmembrane helix hairpin  
**Superfamily:** PsbZ-like  
**Family:** PsbZ-like