









Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P39344
Date	Thu Jan 5 11:59:34 GMT 2012
Unique Job ID	440d01ecd4bd6caa

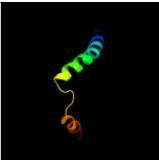
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2a65a1	 Alignment		20.0	9	Fold: SNF-like Superfamily: SNF-like Family: SNF-like
2	d1fftb2	 Alignment		18.7	10	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
3	c2b2hA_	 Alignment		10.0	11	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter; PDBTitle: ammonium transporter amt-1 from a. fulgidus (as)
4	c2bbjB_	 Alignment		6.3	18	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter

5

[c2jlnA](#)

Alignment



5.2

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PDB header:membrane protein
Chain: A: **PDB Molecule:**mhp1;
PDBTitle: structure of mhp1, a nucleobase-cation-symport-1 family2 transporter