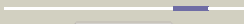
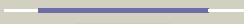


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P37746
Date	Thu Jan 5 11:57:22 GMT 2012
Unique Job ID	66a21274a882a1c0

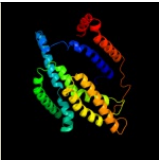
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3mkuA_	 Alignment		100.0	13	PDB header: transport protein Chain: A: PDB Molecule: multi antimicrobial extrusion protein (na(+))/drug PDBTitle: structure of a cation-bound multidrug and toxin compound extrusion2 (mate) transporter
2	d2iuba2	 Alignment		19.0	18	Fold: Transmembrane helix hairpin Superfamily: Magnesium transport protein CorA, transmembrane region Family: Magnesium transport protein CorA, transmembrane region
3	d1pv7a_	 Alignment		15.5	8	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
4	c1b9uA_	 Alignment		8.2	10	PDB header: hydrolase Chain: A: PDB Molecule: protein (atp synthase); PDBTitle: membrane domain of the subunit b of the e.coli atp synthase

5

[c2xq2A](#)

Alignment



7.2

9

PDB header:transport protein
Chain: A: **PDB Molecule:**sodium/glucose cotransporter;
PDBTitle: structure of the k294a mutant of vsplt