


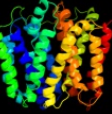










Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P52067
Date	Thu Jan 5 12:05:08 GMT 2012
Unique Job ID	0f0c128ef72c345f

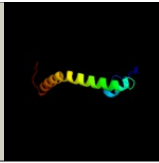
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pw4a_	 Alignment		100.0	16	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
2	c2gfpA_	 Alignment		100.0	12	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
3	c3o7pA_	 Alignment		100.0	13	PDB header: transport protein Chain: A: PDB Molecule: l-fucose-proton symporter; PDBTitle: crystal structure of the e.coli fucose:proton symporter, fucp (n162a)
4	d1pv7a_	 Alignment		100.0	12	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
5	c2xutC_	 Alignment		99.9	11	PDB header: transport protein Chain: C: PDB Molecule: proton/peptide symporter family protein; PDBTitle: crystal structure of a proton dependent oligopeptide (pot)2 family transporter.
6	c2g9pA_	 Alignment		11.5	14	PDB header: antimicrobial protein Chain: A: PDB Molecule: antimicrobial peptide laticin 2a; PDBTitle: nmr structure of a novel antimicrobial peptide, laticin 2a,2 from spider (lachesana tarabaei) venom

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[c3qngD_](#)

Alignment



5.4

13

PDB header:membrane protein, transport protein
Chain: D: **PDB Molecule:**pts system, cellobiose-specific iic component;
PDBTitle: crystal structure of the transporter chbc, the iic component from the2 n,n'-diacetylchitobiose-specific phosphotransferase system