

















Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0AEY8
Date	Wed Jan 25 15:20:32 GMT 2012
Unique Job ID	0e2c07bb935a5ade

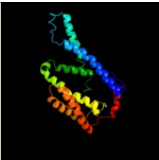
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pw4a_	 Alignment		100.0	14	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
2	c2gfpA_	 Alignment		100.0	22	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	10	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	10	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
5	c2xutC_	 Alignment		100.0	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	c2k21A_	 Alignment		32.3	16	PDB header: membrane protein Chain: A: PDB Molecule: potassium voltage-gated channel subfamily e PDBTitle: nmr structure of human kcnk1 in 1mpg micelles at ph 6.0 and2 40 degree c
7	c2g9pA_	 Alignment		26.0	36	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 tarabaevi) venom
8	c2rddB_	 Alignment		9.4	10	PDB header: membrane protein/transport protein Chain: B: PDB Molecule: upf0092 membrane protein yajc; PDBTitle: x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.

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[c2jlnA_](#)

Alignment



7.0

8

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