

Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P76628
Date	Thu Jan 5 12:25:05 GMT 2012
Unique Job ID	191817187c859dad

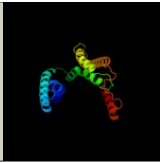
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2gfpA_	 Alignment		100.0	19	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
2	d1pw4a_	 Alignment		100.0	13	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
3	d1pv7a_	 Alignment		100.0	10	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
4	c3o7pA_	 Alignment		100.0	11	PDB header: transport protein Chain: A: PDB Molecule: l-fucose-proton symporter; PDBTitle: crystal structure of the e.coli fucose:proton symporter, fucp (n162a)
5	c2xutC_	 Alignment		100.0	15	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		16.4	21	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
7	d3proc1	 Alignment		11.9	12	Fold: Alpha-lytic protease prodomain-like Superfamily: Alpha-lytic protease prodomain Family: Alpha-lytic protease prodomain

8

c2xq2A

Alignment



9.5

9

PDB header:transport protein

Chain: A: **PDB Molecule:**sodium/glucose cotransporter;

PDBTitle: structure of the k294a mutant of vsplt