











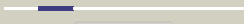
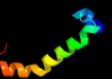




Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P23910
Date	Thu Jan 5 11:40:35 GMT 2012
Unique Job ID	1c9c3d7fb225064c

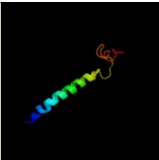
Detailed template information

#	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	18	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	12	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	11	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
5	c2xutC_	 Alignment		100.0	10	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		16.1	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
7	d3proc1	 Alignment		9.5	14	Fold: Alpha-lytic protease prodomain-like Superfamily: Alpha-lytic protease prodomain Family: Alpha-lytic protease prodomain
8	c2jlnA_	 Alignment		7.3	12	PDB header: membrane protein Chain: A: PDB Molecule: mhp1; PDBTitle: structure of mhp1, a nucleobase-cation-symport-1 family2 transporter

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[c2jp3A](#)

Alignment



7.2

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PDB header:transcription
Chain: A: **PDB Molecule:**fxyd domain-containing ion transport regulator 4;
PDBTitle: solution structure of the human fxyd4 (chif) protein in sds2 micelles