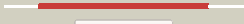









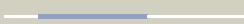





Phyre2

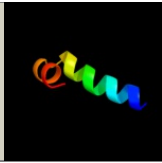
Email	l.a.kelley@imperial.ac.uk
Description	P31436
Date	Thu Jan 5 11:47:27 GMT 2012
Unique Job ID	de27784b25e88f23

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pv7a_	 Alignment		100.0	14	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
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	d1pw4a_	 Alignment		100.0	12	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
4	c3o7pA_	 Alignment		99.9	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)
5	c2xutC_	 Alignment		99.9	13	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	c2jlnA_	 Alignment		23.8	8	PDB header: membrane protein Chain: A; PDB Molecule: mhp1; PDBTitle: structure of mhp1, a nucleobase-cation-symport-1 family2 transporter
7	c2g9pA_	 Alignment		10.3	17	PDB header: antimicrobial protein Chain: A; PDB Molecule: antimicrobial peptide latarcin 2a; PDBTitle: nmr structure of a novel antimicrobial peptide, latarcin 2a,2 from spider (lachesana tarabaevi) venom

8 [d2fnoa1](#)

Alignment



7.8

17

Fold: GST C-terminal domain-like
Superfamily: GST C-terminal domain-like
Family: Glutathione S-transferase (GST), C-terminal domain