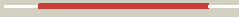
















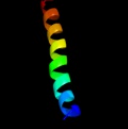


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P76470
Date	Thu Jan 5 12:23:15 GMT 2012
Unique Job ID	cebdba5767e8b9ce

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	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)
3	d1pv7a_	 Alignment		100.0	9	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
4	c2gfpA_	 Alignment		100.0	11	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
5	c2xutC_	 Alignment		100.0	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	c3b9yA_	 Alignment		61.8	8	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter family rh-like protein; PDBTitle: crystal structure of the nitrosomonas europaea rh protein
7	c2g9pA_	 Alignment		11.8	21	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 tarabaei) venom
8	d3proc1	 Alignment		9.4	10	Fold: Alpha-lytic protease prodomain-like Superfamily: Alpha-lytic protease prodomain Family: Alpha-lytic protease prodomain
9	c2rddB_	 Alignment		9.1	14	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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[c3rkoN_](#)

Alignment



8.1

11

PDB header: oxidoreductase**Chain:** N: **PDB Molecule:** nadh-quinone oxidoreductase subunit n;**PDBTitle:** crystal structure of the membrane domain of respiratory complex i from *e. coli* at 3.0 angstrom resolution