
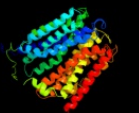
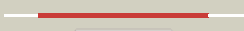
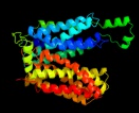

















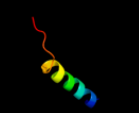


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0AA76
Date	Wed Jan 25 15:20:21 GMT 2012
Unique Job ID	74cf4cabf0c1f146

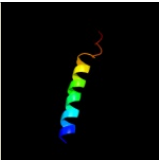
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1pw4a_	 Alignment		100.0	18	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
2	c3o7pA_	 Alignment		100.0	15	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	c2gfpA_	 Alignment		100.0	15	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
4	d1pv7a_	 Alignment		100.0	12	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
5	c2xutC_	 Alignment		100.0	12	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		80.6	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	c2q9pA_	 Alignment		16.0	14	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	d1u7ga_	 Alignment		10.1	14	Fold: Ammonium transporter Superfamily: Ammonium transporter Family: Ammonium transporter
9	c3a0bt_	 Alignment		6.2	8	PDB header: electron transport Chain: T: PDB Molecule: photosystem ii reaction center protein t; PDBTitle: crystal structure of br-substituted photosystem ii complex
10	c1s5lt_	 Alignment		6.2	8	PDB header: photosynthesis Chain: T: PDB Molecule: photosystem ii psbt protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
11	c1s5lT_	 Alignment		6.2	8	PDB header: photosynthesis Chain: T: PDB Molecule: photosystem ii psbt protein; PDBTitle: architecture of the photosynthetic oxygen evolving center

12	c3arct_	Alignment		5.9	7	PDB header: electron transport, photosynthesis Chain: T: PDB Molecule: photosystem ii reaction center protein t; PDBTitle: crystal structure of oxygen-evolving photosystem ii at 1.9 angstrom2 resolution
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13 [c3a0bT](#)

Alignment



5.9

7

PDB header:electron transport
Chain: T: **PDB Molecule:**photosystem ii reaction center protein t;
PDBTitle: crystal structure of br-substituted photosystem ii complex