




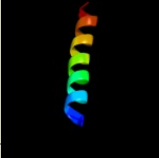




Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P69212
Date	Thu Jan 5 12:11:18 GMT 2012
Unique Job ID	abdc15f587911d3e

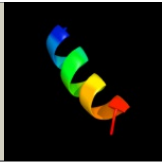
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1s7ba_	 Alignment		100.0	31	Fold: Multidrug resistance efflux transporter EmrE Superfamily: Multidrug resistance efflux transporter EmrE Family: Multidrug resistance efflux transporter EmrE
2	c2i68B_	 Alignment		99.8	36	PDB header: transport protein Chain: B: PDB Molecule: protein emre; PDBTitle: cryo-em based theoretical model structure of transmembrane2 domain of the multidrug-resistance antiporter from e. coli3 emre
3	c3mp7B_	 Alignment		23.9	22	PDB header: protein transport Chain: B: PDB Molecule: preprotein translocase subunit sece; PDBTitle: lateral opening of a translocon upon entry of protein suggests the2 mechanism of insertion into membranes
4	c2nr1A_	 Alignment		5.3	27	PDB header: receptor Chain: A: PDB Molecule: nr1 m2; PDBTitle: transmembrane segment 2 of nmda receptor nr1, nmr, 102 structures

5

[d2axtj1](#)

Alignment



5.1

14

Fold: Single transmembrane helix

Superfamily: Photosystem II reaction center protein J, PsbJ

Family: PsbJ-like