

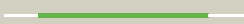
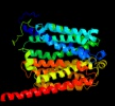
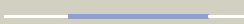
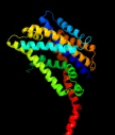








Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P67444
Date	Thu Jan 5 12:10:37 GMT 2012
Unique Job ID	164ee76df6845934

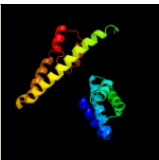
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3qe7A_	 Alignment		100.0	23	PDB header: transport protein Chain: A: PDB Molecule: uracil permease; PDBTitle: crystal structure of uracil transporter--uraa
2	d1pw4a_	 Alignment		56.0	11	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
3	c2w8aC_	 Alignment		24.3	12	PDB header: membrane protein Chain: C: PDB Molecule: glycine betaine transporter betp; PDBTitle: crystal structure of the sodium-coupled glycine betaine2 symporter betp from corynebacterium glutamicum with bound3 substrate
4	c1bzkA_	 Alignment		22.3	21	PDB header: transport protein Chain: A: PDB Molecule: protein (band 3 anion transport protein); PDBTitle: structural studies on the effects of the deletion in the2 red cell anion exchanger (band3, ae1) associated with3 south east asian ovalocytosis.
5	c3orgB_	 Alignment		17.7	12	PDB header: transport protein Chain: B: PDB Molecule: cmclc; PDBTitle: crystal structure of a eukaryotic clc transporter
6	c3lpzA_	 Alignment		9.7	21	PDB header: protein transport Chain: A: PDB Molecule: get4 (yor164c homolog); PDBTitle: crystal structure of c. therm. get4

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[c3nd0A](#)

Alignment



6.9

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PDB header:transport protein
Chain: A: **PDB Molecule:**slI0855 protein;
PDBTitle: x-ray crystal structure of a slow cyanobacterial cl-/h+ antiporter