
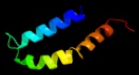







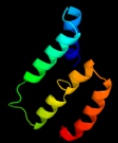



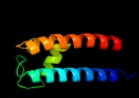




Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0A8K8
Date	Thu Jan 5 11:08:03 GMT 2012
Unique Job ID	7e712bb5be34dad3

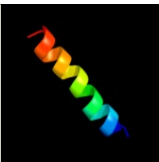
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2r6gf1	 Alignment		91.6	20	Fold: MalF N-terminal region-like Superfamily: MalF N-terminal region-like Family: MalF N-terminal region-like
2	c2xq2A_	 Alignment		23.2	14	PDB header: transport protein Chain: A: PDB Molecule: sodium/glucose cotransporter; PDBTitle: structure of the k294a mutant of vsplt
3	c2qksA_	 Alignment		11.3	17	PDB header: metal transport Chain: A: PDB Molecule: kir3.1-prokaryotic kir channel chimera; PDBTitle: crystal structure of a kir3.1-prokaryotic kir channel chimera
4	d1kf6c_	 Alignment		7.0	13	Fold: Heme-binding four-helical bundle Superfamily: Fumarate reductase respiratory complex transmembrane subunits Family: Succinate dehydrogenase/Fumarate reductase transmembrane subunits (SdhC/FrdC and SdhD/FrdD)
5	d1a87a_	 Alignment		6.6	18	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
6	c1a87A_	 Alignment		6.6	18	PDB header: bacteriocin Chain: A: PDB Molecule: colicin n; PDBTitle: colicin n
7	c1xl6B_	 Alignment		6.3	11	PDB header: metal transport Chain: B: PDB Molecule: inward rectifier potassium channel; PDBTitle: intermediate gating structure 2 of the inwardly rectifying k+ channel2 kirbac3.1
8	c3b8eB_	 Alignment		6.2	40	PDB header: hydrolase/transport protein Chain: B: PDB Molecule: sodium/potassium-transporting atpase subunit PDBTitle: crystal structure of the sodium-potassium pump

9

[c3ixzB_](#)

Alignment



5.4

29

PDB header:hydrolase
Chain: B: **PDB Molecule:**potassium-transporting atpase subunit beta;
PDBTitle: pig gastric h⁺/k⁺-atpase complexed with aluminium fluoride