
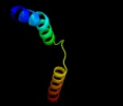
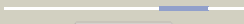


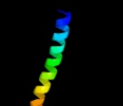








Phyre2

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Description	P64585
Date	Thu Jan 5 12:09:40 GMT 2012
Unique Job ID	1562a2fc5694bd86

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2oarA_	 Alignment		28.8	13	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: mechanosensitive channel of large conductance (mscl)
2	c2z9fC_	 Alignment		24.8	10	PDB header: biosynthetic protein Chain: C: PDB Molecule: cellulose synthase operon protein d; PDBTitle: crystal structure of axesd protein from acetobacter xylinum
3	c2kncA_	 Alignment		8.3	15	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
4	c3pjzA_	 Alignment		7.2	14	PDB header: transport protein Chain: A: PDB Molecule: potassium uptake protein trkh; PDBTitle: crystal structure of the potassium transporter trkh from vibrio2 parahaemolyticus
5	c2klwA_	 Alignment		6.9	23	PDB header: immune system, membrane protein Chain: A: PDB Molecule: t-cell surface glycoprotein cd4; PDBTitle: nmr structure of the transmembrane and cytoplasmic domains2 of human cd4
6	c2jo1A_	 Alignment		6.8	9	PDB header: hydrolase regulator Chain: A: PDB Molecule: phospholemman; PDBTitle: structure of the na,k-atpase regulatory protein fxyd1 in2 micelles

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[c2bbjB_](#)

Alignment



6.7

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PDB header:metal transport/membrane protein
Chain: B: **PDB Molecule:**divalent cation transport-related protein;
PDBTitle: crystal structure of the cora mg2+ transporter