




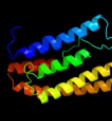








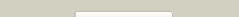


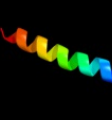



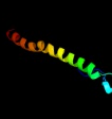
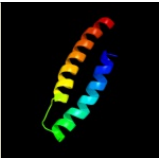
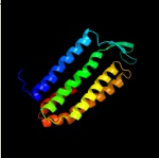
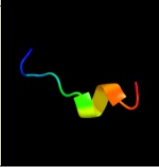


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1kf6c_	 Alignment		22.2	19	Fold: Heme-binding four-helical bundle Superfamily: Fumarate reductase respiratory complex transmembrane subunits Family: Succinate dehydrogenase/Fumarate reductase transmembrane subunits (SdhC/FrdC and SdhD/FrdD)
2	c3ddlB_	 Alignment		19.0	10	PDB header: transport protein Chain: B: PDB Molecule: xanthorhodopsin; PDBTitle: crystallographic structure of xanthorhodopsin, a light-2 driven ion pump with dual chromophore
3	d1h2sa_	 Alignment		16.5	11	Fold: Family A G protein-coupled receptor-like Superfamily: Family A G protein-coupled receptor-like Family: Bacteriorhodopsin-like
4	c3a7kD_	 Alignment		11.3	9	PDB header: membrane protein Chain: D: PDB Molecule: halorhodopsin; PDBTitle: crystal structure of halorhodopsin from natronomonas2 pharaonis
5	c3rkoN_	 Alignment		11.2	17	PDB header: oxidoreductase Chain: N: PDB Molecule: nadh-quinone oxidoreductase subunit n; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
6	c3rkoM_	 Alignment		10.7	12	PDB header: oxidoreductase Chain: M: PDB Molecule: nadh-quinone oxidoreductase subunit m; PDBTitle: crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
7	c2vayB_	 Alignment		10.7	24	PDB header: metal transport Chain: B: PDB Molecule: voltage-dependent l-type calcium channel subunit PDBTitle: calmodulin complexed with cav1.1 iq peptide
8	d1pw4a_	 Alignment		10.4	11	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
9	d1eysh2	 Alignment		8.1	14	Fold: Single transmembrane helix Superfamily: Photosystem II reaction centre subunit H, transmembrane region Family: Photosystem II reaction centre subunit H, transmembrane region
10	c2kncA_	 Alignment		7.9	24	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIiB-beta3 transmembrane-cytoplasmic2 heterocomplex
11	c2kb1A_	 Alignment		7.5	20	PDB header: membrane protein Chain: A: PDB Molecule: wsk3; PDBTitle: nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa

12	d2axtz1	Alignment		6.5	21	Fold: Transmembrane helix hairpin Superfamily: PsbZ-like Family: PsbZ-like
13	c2jagA	Alignment		5.9	6	PDB header: membrane protein Chain: A: PDB Molecule: halorhodopsin; PDBTitle: I1-intermediate of halorhodopsin t203v
14	c2k1hA	Alignment		5.8	0	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein ser13; PDBTitle: solution nmr structure of ser13 from staphylococcus epidermidis.2 northeast structural genomics consortium target ser13

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[c2xq2A](#)

Alignment



5.5

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PDB header:transport protein
Chain: A: **PDB Molecule:**sodium/glucose cotransporter;
PDBTitle: structure of the k294a mutant of vsplt