Phyre2

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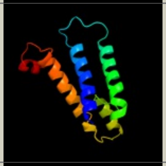
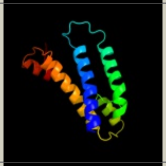
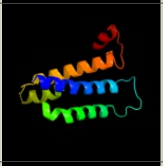
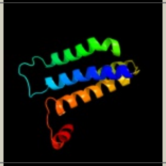
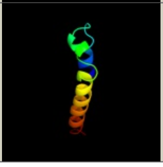
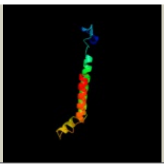
Description	P52137
Date	Thu Jan 5 12:05:41 GMT 2012
Unique Job ID	dfe9a908c586812e

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2w8aC_	Alignment		76.5	9	**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
2	d1j4na_	Alignment		30.1	7	**Fold:** Aquaporin-like **Superfamily:** Aquaporin-like **Family:** Aquaporin-like
3	c3d9sB_	Alignment		19.9	9	**PDB header:** membrane protein **Chain:** B: **PDB Molecule:** aquaporin-5; **PDBTitle:** human aquaporin 5 (aqp5) - high resolution x-ray structure
4	c1ymgA_	Alignment		17.3	13	**PDB header:** membrane protein **Chain:** A: **PDB Molecule:** lens fiber major intrinsic protein; **PDBTitle:** the channel architecture of aquaporin o at 2.2 angstrom resolution
5	d1ymga1	Alignment		17.3	13	**Fold:** Aquaporin-like **Superfamily:** Aquaporin-like **Family:** Aquaporin-like
6	c2bbjB_	Alignment		10.4	15	**PDB header:** metal transport/membrane protein **Chain:** B: **PDB Molecule:** divalent cation transport-related protein; **PDBTitle:** crystal structure of the cora mg2+ transporter

7	c3rfrI_	Alignment		5.7	14	**PDB header:**oxidoreductase **Chain:** I: **PDB Molecule:**pmob; **PDBTitle:** crystal structure of particulate methane monooxygenase (pmmo) from2 methylocystis sp. strain m