Phyre2

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Description	P0AFU2
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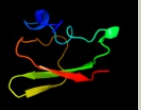
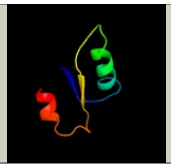
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2fy8a2	Alignment		99.4	25	**Fold:**TrkA C-terminal domain-like **Superfamily:**TrkA C-terminal domain-like **Family:**TrkA C-terminal domain-like
2	d1vcta2	Alignment		99.4	21	**Fold:**TrkA C-terminal domain-like **Superfamily:**TrkA C-terminal domain-like **Family:**TrkA C-terminal domain-like
3	c2bknA_	Alignment		99.3	21	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**hypothetical protein ph0236; **PDBTitle:** structure analysis of unknown function protein
4	c1lnqC_	Alignment		98.9	17	**PDB header:**metal transport **Chain:** C: **PDB Molecule:**potassium channel related protein; **PDBTitle:** crystal structure of mthk at 3.3 a
5	c2fy8A_	Alignment		98.9	25	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**calcium-gated potassium channel mthk; **PDBTitle:** crystal structure of mthk rck domain in its ligand-free gating-ring2 form
6	c3jxoB_	Alignment		98.8	17	**PDB header:**transport protein **Chain:** B: **PDB Molecule:**trka-n domain protein; **PDBTitle:** crystal structure of an octomeric two-subunit trka k+ channel ring2 gating assembly, tm1088a:tm1088b, from thermotoga maritima
7	c3l4bG_	Alignment		97.4	16	**PDB header:**transport protein **Chain:** G: **PDB Molecule:**trka k+ channel protien tm1088b; **PDBTitle:** crystal structure of an octomeric two-subunit trka k+ channel ring2 gating assembly, tm1088a:tm1088b, from thermotoga maritima
8	c3u6nC_	Alignment		97.0	12	**PDB header:**transport protein **Chain:** C: **PDB Molecule:**high-conductance ca2+-activated k+ channel protein; **PDBTitle:** open structure of the bk channel gating ring
9	c3mt5A_	Alignment		95.5	13	**PDB header:**membrane protein, transport protein **Chain:** A: **PDB Molecule:**potassium large conductance calcium-activated channel, **PDBTitle:** crystal structure of the human bk gating apparatus
10	c3nafA_	Alignment		72.3	14	**PDB header:**ion transport **Chain:** A: **PDB Molecule:**calcium-activated potassium channel subunit alpha-1; **PDBTitle:** structure of the intracellular gating ring from the human high-2 conductance ca2+ gated k+ channel (bk channel)
11	d1l7va_	Alignment		20.0	13	**Fold:**ABC transporter involved in vitamin B12 uptake, BtuC **Superfamily:**ABC transporter involved in vitamin B12 uptake, BtuC **Family:**ABC transporter involved in vitamin B12 uptake, BtuC

12	c2nq2A_	Alignment		13.1	16	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**hypothetical abc transporter permease protein **PDBTitle:** an inward-facing conformation of a putative metal-chelate2 type abc transporter.

13	c2c2xB_	Alignment		12.9	11	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**methylenetetrahydrofolate dehydrogenase- **PDBTitle:** three dimensional structure of bifunctional2 methylenetetrahydrofolate dehydrogenase-cyclohydrolase3 from mycobacterium tuberculosis