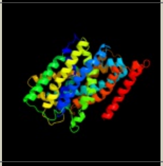
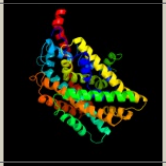
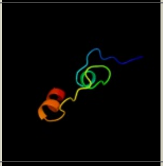
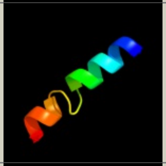
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P23173
Date	Thu Jan 5 11:39:16 GMT 2012
Unique Job ID	eea07ff7af1f1a9e

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3giaA_	Alignment		100.0	13	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**uncharacterized protein mj0609; **PDBTitle:** crystal structure of apct transporter
2	c3lrcC_	Alignment		100.0	14	**PDB header:**transport protein **Chain:** C: **PDB Molecule:**arginine/agmatine antiporter; **PDBTitle:** structure of e. coli adic (p1)
3	c2jlnA_	Alignment		99.9	8	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**mhp1; **PDBTitle:** structure of mhp1, a nucleobase-cation-symport-1 family2 transporter
4	c2xq2A_	Alignment		98.8	11	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**sodium/glucose cotransporter; **PDBTitle:** structure of the k294a mutant of vsglt
5	c3dh4A_	Alignment		98.7	11	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**sodium/glucose cotransporter; **PDBTitle:** crystal structure of sodium/sugar symporter with bound galactose from2 vibrio parahaemolyticus
6	d2a65a1	Alignment		98.0	15	**Fold:**SNF-like **Superfamily:**SNF-like **Family:**SNF-like
7	c2w8aC_	Alignment		96.9	11	**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
8	c3hfxA_	Alignment		62.0	10	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**l-carnitine/gamma-butyrobetaine antiporter; **PDBTitle:** crystal structure of carnitine transporter
9	d1llca1	Alignment		10.7	25	**Fold:**NAD(P)-binding Rossmann-fold domains **Superfamily:**NAD(P)-binding Rossmann-fold domains **Family:**LDH N-terminal domain-like
10	d1s0ya_	Alignment		9.7	29	**Fold:**Tautomerase/MIF **Superfamily:**Tautomerase/MIF **Family:**4-oxalocrotonate tautomerase-like
11	c1byyA_	Alignment		7.7	43	**PDB header:**membrane protein **Chain:** A: **PDB Molecule:**protein (sodium channel alpha-subunit); **PDBTitle:** sodium channel iia inactivation gate

12	c3qe7A_	Alignment		7.5	11	**PDB header:**transport protein **Chain:** A: **PDB Molecule:**uracil permease; **PDBTitle:** crystal structure of uracil transporter--uraa

13	d1v92a_	Alignment		5.7	20	**Fold:**RuvA C-terminal domain-like **Superfamily:**UBA-like **Family:**TAP-C domain-like