




















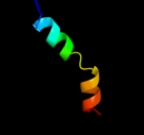
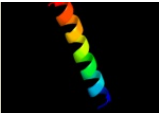


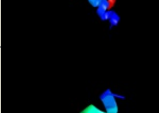


# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0A769
Date	Thu Jan 5 11:04:58 GMT 2012
Unique Job ID	fac006abbf64a43f

Detailed template information

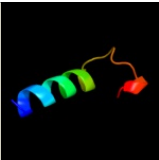
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2xq2A_</a>	 Alignment		99.9	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sodium/glucose cotransporter; <b>PDBTitle:</b> structure of the k294a mutant of vs9lt
2	<a href="#">c3dh4A_</a>	 Alignment		99.9	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sodium/glucose cotransporter; <b>PDBTitle:</b> crystal structure of sodium/sugar symporter with bound galactose from2 vibrio parahaemolyticus
3	<a href="#">c2jlnA_</a>	 Alignment		99.7	10	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> mhp1; <b>PDBTitle:</b> structure of mhp1, a nucleobase-cation-symport-1 family2 transporter
4	<a href="#">c3giaA_</a>	 Alignment		99.4	10	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein mj0609; <b>PDBTitle:</b> crystal structure of apct transporter
5	<a href="#">c3lrcC_</a>	 Alignment		98.7	13	<b>PDB header:</b> transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> arginine/agmatine antiporter; <b>PDBTitle:</b> structure of e. coli adic (p1)
6	<a href="#">d2a65a1</a>	 Alignment		98.1	13	<b>Fold:</b> SNF-like <b>Superfamily:</b> SNF-like <b>Family:</b> SNF-like
7	<a href="#">c2w8aC_</a>	 Alignment		92.3	11	<b>PDB header:</b> membrane protein <b>Chain:</b> C: <b>PDB Molecule:</b> glycine betaine transporter betp; <b>PDBTitle:</b> crystal structure of the sodium-coupled glycine betaine2 symporter betp from corynebacterium glutamicum with bound3 substrate
8	<a href="#">c3hfxA_</a>	 Alignment		84.4	12	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> l-carnitine/gamma-butyrobetaine antiporter; <b>PDBTitle:</b> crystal structure of carnitine transporter
9	<a href="#">c2eyqA_</a>	 Alignment		6.8	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> transcription-repair coupling factor; <b>PDBTitle:</b> crystal structure of escherichia coli transcription-repair2 coupling factor
10	<a href="#">d1m3va2</a>	 Alignment		6.7	30	<b>Fold:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Superfamily:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Family:</b> LIM domain
11	<a href="#">c2rlwA_</a>	 Alignment		6.5	22	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> plnf; <b>PDBTitle:</b> three-dimensional structure of the two peptides that2 constitute the two-peptide bacteriocin plantaricin ef

12	<a href="#">c2voyD_</a>	Alignment		6.4	4	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> sarcoplasmic/endoplasmic reticulum calcium <b>PDBTitle:</b> cryoem model of copa, the copper transporting atpase from2 archaeoglobus fulgidus
13	<a href="#">d2hkua2</a>	Alignment		6.4	41	<b>Fold:</b> Tetracyclin repressor-like, C-terminal domain <b>Superfamily:</b> Tetracyclin repressor-like, C-terminal domain <b>Family:</b> Tetracyclin repressor-like, C-terminal domain
14	<a href="#">c3mk7F_</a>	Alignment		6.2	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit p; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase
15	<a href="#">c2kwzA_</a>	Alignment		6.0	38	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> protease ns2-3; <b>PDBTitle:</b> solution structure of ns2 [60-99]

16

[c3ajfA\\_](#)

Alignment



5.4

8

**PDB header:**viral protein  
**Chain:** A: **PDB Molecule:**non-structural protein 3;  
**PDBTitle:** structural insighths into dsrna binding and rna silencing suppression2 by ns3 protein of rice hoja blanca tenuivirus