






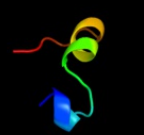

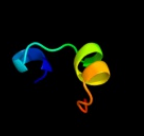






# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P0AEX7
Date	Thu Jan 5 11:24:33 GMT 2012
Unique Job ID	228b86c07cde3b24

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1l7va_</a>	 Alignment		96.8	14	<b>Fold:</b> ABC transporter involved in vitamin B12 uptake, BtuC <b>Superfamily:</b> ABC transporter involved in vitamin B12 uptake, BtuC <b>Family:</b> ABC transporter involved in vitamin B12 uptake, BtuC
2	<a href="#">c2nq2A_</a>	 Alignment		96.1	14	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical abc transporter permease protein <b>PDBTitle:</b> an inward-facing conformation of a putative metal-chelate2 type abc transporter.
3	<a href="#">c3pxpA_</a>	 Alignment		26.4	12	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> helix-turn-helix domain protein; <b>PDBTitle:</b> crystal structure of a pas and dna binding domain containing protein2 (caur_2278) from chloroflexus aurantiacus j-10-fl at 2.30 a3 resolution
4	<a href="#">c3u5eL_</a>	 Alignment		17.9	25	<b>PDB header:</b> ribosome <b>Chain:</b> L: <b>PDB Molecule:</b> 60s ribosomal protein l13-a; <b>PDBTitle:</b> the structure of the eukaryotic ribosome at 3.0 resolution
5	<a href="#">c4a18U_</a>	 Alignment		16.9	25	<b>PDB header:</b> ribosome <b>Chain:</b> U: <b>PDB Molecule:</b> rpl13; <b>PDBTitle:</b> t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rrna and proteins of molecule 1
6	<a href="#">d2e74g1</a>	 Alignment		14.2	21	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> PetG subunit of the cytochrome b6f complex <b>Family:</b> PetG subunit of the cytochrome b6f complex
7	<a href="#">c1y6uA_</a>	 Alignment		7.8	11	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> excisionase from transposon tn916; <b>PDBTitle:</b> the structure of the excisionase (xis) protein from2 conjugative transposon tn916 provides insights into the3 regulation of heterobivalent tyrosine recombinases

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[c1y9qA](#)

Alignment



5.4

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**PDB header:**transcription regulator

**Chain:** A: **PDB Molecule:**transcriptional regulator, hth\_3 family;

**PDBTitle:** crystal structure of hth\_3 family transcriptional regulator2 from vibrio cholerae