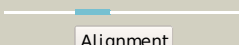
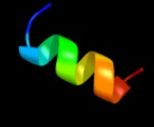
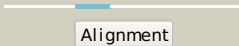

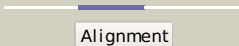

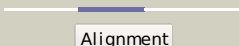

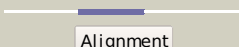

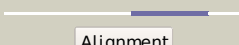

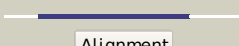
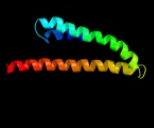
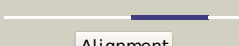
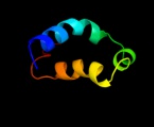






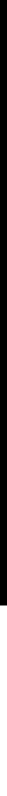





# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	A1A4F0
Date	Tue Apr 3 15:02:45 BST 2012
Unique Job ID	4319bedaf065a33c

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1r7ma2</a>	 Alignment		34.8	23	<b>Fold:</b> Homing endonuclease-like <b>Superfamily:</b> Homing endonucleases <b>Family:</b> Group I mobile intron endonuclease
2	<a href="#">c1r7mA_</a>	 Alignment		30.8	23	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> intron-encoded endonuclease i-scei; <b>PDBTitle:</b> the homing endonuclease i-scei bound to its dna recognition2 region
3	<a href="#">c2l35B_</a>	 Alignment		16.5	36	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> tyro protein tyrosine kinase-binding protein; <b>PDBTitle:</b> structure of the dap12-nkg2c transmembrane heterotrimer
4	<a href="#">c2l34B_</a>	 Alignment		16.1	36	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> tyro protein tyrosine kinase-binding protein; <b>PDBTitle:</b> structure of the dap12 transmembrane homodimer
5	<a href="#">c2l34A_</a>	 Alignment		16.1	36	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> tyro protein tyrosine kinase-binding protein; <b>PDBTitle:</b> structure of the dap12 transmembrane homodimer
6	<a href="#">d1gnwa1</a>	 Alignment		10.8	17	<b>Fold:</b> GST C-terminal domain-like <b>Superfamily:</b> GST C-terminal domain-like <b>Family:</b> Glutathione S-transferase (GST), C-terminal domain
7	<a href="#">d1pw4a_</a>	 Alignment		9.7	7	<b>Fold:</b> MFS general substrate transporter <b>Superfamily:</b> MFS general substrate transporter <b>Family:</b> Glycerol-3-phosphate transporter
8	<a href="#">c2uz8A_</a>	 Alignment		9.0	4	<b>PDB header:</b> rna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> eukaryotic translation elongation factor 1 <b>PDBTitle:</b> the crystal structure of p18, human translation elongation2 factor 1 epsilon 1
9	<a href="#">c3iydC_</a>	 Alignment		8.7	31	<b>PDB header:</b> transcription/dna <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> three-dimensional em structure of an intact activator-dependent2 transcription initiation complex
10	<a href="#">d1axda1</a>	 Alignment		8.7	15	<b>Fold:</b> GST C-terminal domain-like <b>Superfamily:</b> GST C-terminal domain-like <b>Family:</b> Glutathione S-transferase (GST), C-terminal domain
11	<a href="#">d1nhya1</a>	 Alignment		8.6	13	<b>Fold:</b> GST C-terminal domain-like <b>Superfamily:</b> GST C-terminal domain-like <b>Family:</b> Glutathione S-transferase (GST), C-terminal domain

12	<a href="#">c3qagA_</a>	Alignment		7.8	15	<p><b>PDB header:</b>transferase  <b>Chain:</b> A: <b>PDB Molecule:</b>glutathione s-transferase omega-2;  <b>PDBTitle:</b> human glutathione transferase o2 with glutathione -new crystal form</p>
13	<a href="#">c2rddB_</a>	Alignment		7.1	22	<p><b>PDB header:</b>membrane protein/transport protein  <b>Chain:</b> B: <b>PDB Molecule:</b>upf0092 membrane protein yajc;  <b>PDBTitle:</b> x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.</p>
14	<a href="#">c2l35A_</a>	Alignment		6.0	19	<p><b>PDB header:</b>protein binding  <b>Chain:</b> A: <b>PDB Molecule:</b>dap12-nkg2c_tm;  <b>PDBTitle:</b> structure of the dap12-nkg2c transmembrane heterotrimer</p>
15	<a href="#">d1aw9a1</a>	Alignment		5.7	13	<p><b>Fold:</b>GST C-terminal domain-like  <b>Superfamily:</b>GST C-terminal domain-like  <b>Family:</b>Glutathione S-transferase (GST), C-terminal domain</p>

16 [c2w3cA](#)

Alignment



5.6

18

**PDB header:**transport protein  
**Chain:** A: **PDB Molecule:**general vesicular transport factor p115;  
**PDBTitle:** globular head region of the human general vesicular2  
transport factor p115