








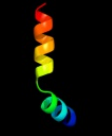
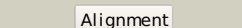













# Phyre2

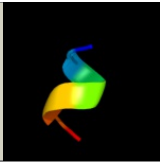
Email	I.a.kelley@imperial.ac.uk
Description	C1P5Z7
Date	Thu Jan 5 10:55:47 GMT 2012
Unique Job ID	8b5865fd2f0dcb9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2icwg1</a>	 Alignment		11.8	71	<b>Fold:</b> Superantigen MAM <b>Superfamily:</b> Superantigen MAM <b>Family:</b> Superantigen MAM
2	<a href="#">c3tbiA_</a>	 Alignment		10.5	19	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase-associated protein gp33; <b>PDBTitle:</b> crystal structure of t4 gp33 bound to e. coli rnap beta-flap domain
3	<a href="#">c2zshB_</a>	 Alignment		7.7	50	<b>PDB header:</b> hormone receptor <b>Chain:</b> B: <b>PDB Molecule:</b> della protein gai; <b>PDBTitle:</b> structural basis of gibberellin(ga3)-induced della2 recognition by the gibberellin receptor
4	<a href="#">c2hn8A_</a>	 Alignment		7.5	44	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein pb1-f2; <b>PDBTitle:</b> structural characterization and oligomerization of pb1-f2,2 a pro-apoptotic influenza a virus protein
5	<a href="#">c1scfA_</a>	 Alignment		7.4	25	<b>PDB header:</b> hormone/growth factor <b>Chain:</b> A: <b>PDB Molecule:</b> stem cell factor; <b>PDBTitle:</b> human recombinant stem cell factor
6	<a href="#">d1scfa_</a>	 Alignment		7.4	25	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Short-chain cytokines
7	<a href="#">d1scfc_</a>	 Alignment		6.5	25	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Short-chain cytokines
8	<a href="#">d1cmra_</a>	 Alignment		6.2	83	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Scorpion toxin-like <b>Family:</b> Short-chain scorpion toxins
9	<a href="#">c2ds2A_</a>	 Alignment		6.2	83	<b>PDB header:</b> plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> sweet protein mabinlin-2 chain a; <b>PDBTitle:</b> crystal structure of mabinlin ii
10	<a href="#">d1o7na2</a>	 Alignment		6.2	50	<b>Fold:</b> TBP-like <b>Superfamily:</b> Bet v1-like <b>Family:</b> Ring hydroxylating alpha subunit catalytic domain
11	<a href="#">d1l8na2</a>	 Alignment		5.9	80	<b>Fold:</b> Zincin-like <b>Superfamily:</b> beta-N-acetylhexosaminidase-like domain <b>Family:</b> alpha-D-glucuronidase, N-terminal domain

12 [c3enoC\\_](#)

Alignment



5.4

43

**PDB header:**hydrolase/unknown function  
**Chain:** C: **PDB Molecule:**uncharacterized protein pf2011;  
**PDBTitle:** crystal structure of pyrococcus furiosus pcc1 in complex2 with thermoplasma acidophilum kae1