




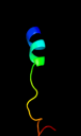






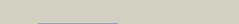











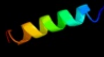
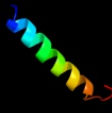



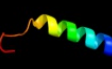
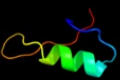


# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0ADC8
Date	Thu Jan 5 11:20:37 GMT 2012
Unique Job ID	fd59ffe752cf57cd

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1i1rb_</a>	 Alignment		38.1	12	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Long-chain cytokines
2	<a href="#">c2kncB_</a>	 Alignment		28.4	20	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> platelet integrin alfa1b-beta3 transmembrane-cytoplasmic2 heterocomplex
3	<a href="#">c3g9wC_</a>	 Alignment		27.0	18	<b>PDB header:</b> cell adhesion <b>Chain:</b> C: <b>PDB Molecule:</b> integrin beta-1d; <b>PDBTitle:</b> crystal structure of talin2 f2-f3 in complex with the integrin beta1d2 cytoplasmic tail
4	<a href="#">d1alua_</a>	 Alignment		25.5	17	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Long-chain cytokines
5	<a href="#">c1m8oB_</a>	 Alignment		23.5	18	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> platelet integrin beta3 subunit: cytoplasmic <b>PDBTitle:</b> platelet integrin alfa1b-beta3 cytoplasmic domain
6	<a href="#">c3izbU_</a>	 Alignment		21.9	25	<b>PDB header:</b> ribosome <b>Chain:</b> U: <b>PDB Molecule:</b> 40s ribosomal protein s24; <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
7	<a href="#">c4a19Q_</a>	 Alignment		20.6	23	<b>PDB header:</b> ribosome <b>Chain:</b> Q: <b>PDB Molecule:</b> 60s ribosomal protein l36; <b>PDBTitle:</b> t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 26s rna and3 proteins of molecule 2.
8	<a href="#">d2g1da1</a>	 Alignment		19.1	23	<b>Fold:</b> Ribosomal proteins S24e, L23 and L15e <b>Superfamily:</b> Ribosomal proteins S24e, L23 and L15e <b>Family:</b> Ribosomal protein S24e
9	<a href="#">c2ghfA_</a>	 Alignment		19.1	29	<b>PDB header:</b> transcription, metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc fingers and homeoboxes protein 1; <b>PDBTitle:</b> solution structure of the complete zinc-finger region of2 human zinc-fingers and homeoboxes 1 (zhx1)
10	<a href="#">d2ffsa1</a>	 Alignment		15.4	13	<b>Fold:</b> TBP-like <b>Superfamily:</b> Bet v1-like <b>Family:</b> PA1206-like
11	<a href="#">c1bh0A_</a>	 Alignment		15.0	31	<b>PDB header:</b> synthetic hormone <b>Chain:</b> A: <b>PDB Molecule:</b> glucagon; <b>PDBTitle:</b> structure of a glucagon analog

12	<a href="#">d2v94a1</a>	Alignment		14.4	19	<b>Fold:</b> Ribosomal proteins S24e, L23 and L15e <b>Superfamily:</b> Ribosomal proteins S24e, L23 and L15e <b>Family:</b> Ribosomal protein S24e
13	<a href="#">c1s4xA</a>	Alignment		13.7	20	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin beta-3; <b>PDBTitle:</b> nmr structure of the integrin b3 cytoplasmic domain in dpc2 micelles
14	<a href="#">c2l3yA</a>	Alignment		13.5	41	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> interleukin-6; <b>PDBTitle:</b> solution structure of mouse il-6
15	<a href="#">c3izck</a>	Alignment		11.9	15	<b>PDB header:</b> ribosome <b>Chain:</b> K: <b>PDB Molecule:</b> 60s ribosomal protein rpl16 (l13p); <b>PDBTitle:</b> localization of the large subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
16	<a href="#">c2ct1A</a>	Alignment		11.4	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional repressor ctcf; <b>PDBTitle:</b> solution structure of the zinc finger domain of2 transcriptional repressor ctcf protein
17	<a href="#">c1tj1D</a>	Alignment		11.3	26	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> dnak suppressor protein; <b>PDBTitle:</b> crystal structure of transcription factor dksa from e. coli
18	<a href="#">c1puoA</a>	Alignment		11.0	17	<b>PDB header:</b> allergen <b>Chain:</b> A: <b>PDB Molecule:</b> major allergen i polypeptide, fused chain 2, <b>PDBTitle:</b> crystal structure of fel d 1- the major cat allergen
19	<a href="#">d1rhga</a>	Alignment		9.8	13	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Long-chain cytokines
20	<a href="#">d2b97a1</a>	Alignment		7.1	16	<b>Fold:</b> Hydrophobin II, HfbII <b>Superfamily:</b> Hydrophobin II, HfbII <b>Family:</b> Hydrophobin II, HfbII
21	<a href="#">d1bgea</a>	Alignment	not modelled	7.0	13	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Long-chain cytokines
22	<a href="#">d2ejna1</a>	Alignment	not modelled	6.9	17	<b>Fold:</b> Uteroglobin-like <b>Superfamily:</b> Uteroglobin-like <b>Family:</b> Uteroglobin-like
23	<a href="#">c2gvmA</a>	Alignment	not modelled	6.7	16	<b>PDB header:</b> surface active protein <b>Chain:</b> A: <b>PDB Molecule:</b> hydrophobin-1; <b>PDBTitle:</b> crystal structure of hydrophobin hfbi with detergent
24	<a href="#">d1odma</a>	Alignment	not modelled	6.7	15	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavaminic synthase-like <b>Family:</b> Penicillin synthase-like
25	<a href="#">d2diia1</a>	Alignment	not modelled	6.6	45	<b>Fold:</b> BSD domain-like <b>Superfamily:</b> BSD domain-like <b>Family:</b> BSD domain
26	<a href="#">d1mtyd</a>	Alignment	not modelled	6.5	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
27	<a href="#">c2ctrA</a>	Alignment	not modelled	6.4	18	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> dnaj homolog subfamily b member 9; <b>PDBTitle:</b> solution structure of j-domain from human dnaj subfamily b2 member 9
28	<a href="#">d1bgca</a>	Alignment	not modelled	6.4	13	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Long-chain cytokines
						<b>PDB header:</b> hormone/growth factor <b>Chain:</b> A: <b>PDB Molecule:</b> glucagon;

29	<a href="#">c1nauA_</a>	Alignment	not modelled	6.2	17	<b>PDBTitle:</b> nmr solution structure of the glucagon antagonist [deshis1,2 desphe6, glu9]glucagon amide in the presence of3 perdeuterated dodecylphosphocholine micelles
30	<a href="#">c2hu9B_</a>	Alignment	not modelled	6.1	43	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> mercuric transport protein periplasmic component; <b>PDBTitle:</b> x-ray structure of the archaeoglobus fulgidus copz n-2 terminal domain
31	<a href="#">c2diiA_</a>	Alignment	not modelled	5.5	45	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tfiih basal transcription factor complex p62 <b>PDBTitle:</b> solution structure of the bsd domain of human tfiih basal2 transcription factor complex p62 subunit
32	<a href="#">d1fnta1</a>	Alignment	not modelled	5.2	23	<b>Fold:</b> FMT C-terminal domain-like <b>Superfamily:</b> FMT C-terminal domain-like <b>Family:</b> Post formyltransferase domain
33	<a href="#">c2ctdA_</a>	Alignment	not modelled	5.0	25	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger protein 512; <b>PDBTitle:</b> solution structure of two zf-c2h2 domains from human zinc2 finger protein 512