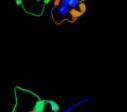
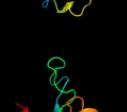
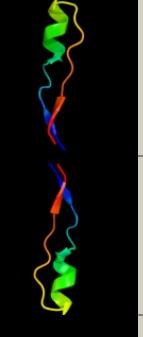
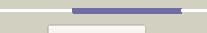
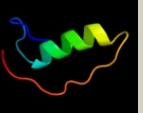
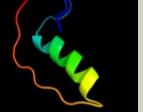
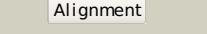
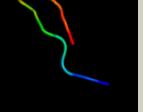
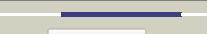


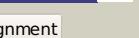
# Phyre<sup>2</sup>

Email	i.a.kelley@imperial.ac.uk
Description	P0ABE2
Date	Thu Jan 5 11:15:17 GMT 2012
Unique Job ID	6a81696293da7d1e

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2dhmA</a>	 Alignment		100.0	100	<b>PDB header:</b> protein binding <b>Chain:</b> A; <b>PDB Molecule:</b> protein bola; <b>PDBTitle:</b> solution structure of the bola protein from escherichia coli
2	<a href="#">c1v60A</a>	 Alignment		100.0	45	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> riken cdna 1810037g04; <b>PDBTitle:</b> solution structure of bola1 protein from mus musculus
3	<a href="#">c3o2eA</a>	 Alignment		100.0	35	<b>PDB header:</b> unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> bola-like protein; <b>PDBTitle:</b> crystal structure of a bol-like protein from babesia bovis
4	<a href="#">c2kdnA</a>	 Alignment		100.0	39	<b>PDB header:</b> unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> putative uncharacterized protein pfe0790c; <b>PDBTitle:</b> solution structure of pfe0790c, a putative bola-like2 protein from the protozoan parasite plasmodium falciparum.
5	<a href="#">d1v9ja</a>	 Alignment		100.0	32	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> BolA-like <b>Family:</b> BolA-like
6	<a href="#">c3tr3A</a>	 Alignment		100.0	30	<b>PDB header:</b> unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> bola; <b>PDBTitle:</b> structure of a bola protein homologue from coxiella burnetii
7	<a href="#">d1ny8a</a>	 Alignment		100.0	29	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> BolA-like <b>Family:</b> BolA-like
8	<a href="#">c1xs3A</a>	 Alignment		100.0	35	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> hypothetical protein xc975; <b>PDBTitle:</b> solution structure analysis of the xc975 protein
9	<a href="#">c2kz0A</a>	 Alignment		99.9	31	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> bola family protein; <b>PDBTitle:</b> solution structure of a bola protein (ech_0303) from ehrlichia2 chaffeensis. seattle structural genomics center for infectious3 disease target ehcha.10365.a
10	<a href="#">d1ylqa1</a>	 Alignment		96.8	20	<b>Fold:</b> Nucleotidyltransferase <b>Superfamily:</b> Nucleotidyltransferase <b>Family:</b> Catalytic subunit of bi-partite nucleotidyltransferase
11	<a href="#">c2rffA</a>	 Alignment		44.5	15	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> putative nucleotidyltransferase; <b>PDBTitle:</b> crystal structure of a putative nucleotidyltransferase2 (np_343093.1) from sulfolobus solfataricus at 1.40 a3 resolution

12	<a href="#">c2hjja_</a>			18.7	33	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ykff; <b>PDBTitle:</b> solution nmr structure of protein ykff from escherichia coli.2 northeast structural genomics target er397.
13	<a href="#">d2hjja1</a>			18.7	33	<b>Fold:</b> dsRBD-like <b>Superfamily:</b> YcfA/nrd intein domain <b>Family:</b> YkfF-like
14	<a href="#">d1ubdc2</a>			16.3	27	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2
15	<a href="#">c2hw4A_</a>			15.8	29	<b>PDB header:</b> structural genomics, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 14 kda phosphohistidine phosphatase; <b>PDBTitle:</b> crystal structure of human phosphohistidine phosphatase
16	<a href="#">d2hw4a1</a>			13.0	29	<b>Fold:</b> PHP14-like <b>Superfamily:</b> PHP14-like <b>Family:</b> Janus/Ocnus
17	<a href="#">c2wu8A_</a>			12.7	15	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glucose-6-phosphate isomerase; <b>PDBTitle:</b> structural studies of phosphoglucose isomerase from mycobacterium tuberculosis h37rv
18	<a href="#">d1xhja_</a>			10.3	19	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> Fe-S cluster assembly (FSCA) domain-like <b>Family:</b> NifU C-terminal domain-like
19	<a href="#">d1ug8a_</a>			9.7	31	<b>Fold:</b> IF3-like <b>Superfamily:</b> R3H domain <b>Family:</b> R3H domain
20	<a href="#">d1x63a1</a>			9.4	36	<b>Fold:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Superfamily:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Family:</b> LIM domain
21	<a href="#">d1znfa_</a>		not modelled	9.0	25	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2
22	<a href="#">c1znfA_</a>		not modelled	9.0	25	<b>PDB header:</b> zinc finger dna binding domain <b>Chain:</b> A: <b>PDB Molecule:</b> 31st zinc finger from xfin; <b>PDBTitle:</b> three-dimensional solution structure of a single zinc2 finger dna-binding domain
23	<a href="#">d1cf7b_</a>		not modelled	8.1	20	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Cell cycle transcription factor e2f-dp
24	<a href="#">d1pvza_</a>		not modelled	8.0	24	<b>Fold:</b> Knottins (small inhibitors, toxins, lectins) <b>Superfamily:</b> Scorpion toxin-like <b>Family:</b> Short-chain scorpion toxins
25	<a href="#">c2yv1A_</a>		not modelled	7.5	9	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> succinyl-coa ligase [adp-forming] subunit alpha; <b>PDBTitle:</b> crystal structure of succinyl-coa synthetase alpha chain from2 methanocaldococcus jannaschii dsm 2661
26	<a href="#">c3hjbA_</a>		not modelled	6.3	16	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glucose-6-phosphate isomerase; <b>PDBTitle:</b> 1.5 angstrom crystal structure of glucose-6-phosphate isomerase from2 vibrio cholerae.
27	<a href="#">c3htuE_</a>		not modelled	6.2	25	<b>PDB header:</b> protein transport <b>Chain:</b> E: <b>PDB Molecule:</b> vacuolar protein-sorting-associated protein 25; <b>PDBTitle:</b> crystal structure of the human vps25-vps20 subcomplex
28	<a href="#">c3ljkA_</a>		not modelled	6.1	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glucose-6-phosphate isomerase; <b>PDBTitle:</b> glucose-6-phosphate isomerase from francisella tularensis.

29	<a href="#">c3ujhB_</a>		Alignment	not modelled	6.1	20	<b>PDB header:</b> isomerase <b>Chain:</b> B; <b>PDB Molecule:</b> glucose-6-phosphate isomerase; <b>PDBTitle:</b> crystal structure of substrate-bound glucose-6-phosphate isomerase2 from toxoplasma gondii
30	<a href="#">d2g7oa1</a>		Alignment	not modelled	6.0	16	<b>Fold:</b> TraM-like <b>Superfamily:</b> TraM-like <b>Family:</b> TraM-like
31	<a href="#">d1iata_</a>		Alignment	not modelled	5.9	16	<b>Fold:</b> SIS domain <b>Superfamily:</b> SIS domain <b>Family:</b> Phosphoglucose isomerase, PGI
32	<a href="#">d1pbya2</a>		Alignment	not modelled	5.9	33	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinohemoprotein amine dehydrogenase A chain, domains 1 and 2
33	<a href="#">c2jssoA_</a>		Alignment	not modelled	5.6	32	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> polymyxin resistance protein pmrd; <b>PDBTitle:</b> antimicrobial resistance protein
34	<a href="#">d1u0fa_</a>		Alignment	not modelled	5.3	16	<b>Fold:</b> SIS domain <b>Superfamily:</b> SIS domain <b>Family:</b> Phosphoglucose isomerase, PGI
35	<a href="#">d1gzda_</a>		Alignment	not modelled	5.1	16	<b>Fold:</b> SIS domain <b>Superfamily:</b> SIS domain <b>Family:</b> Phosphoglucose isomerase, PGI
36	<a href="#">c2btwA_</a>		Alignment	not modelled	5.1	11	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> alr0975 protein; <b>PDBTitle:</b> crystal structure of alr0975