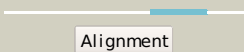
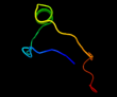
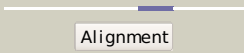
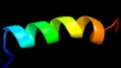
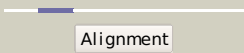
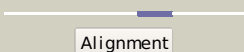
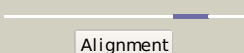
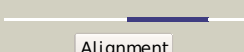
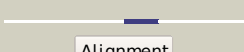
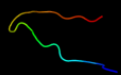
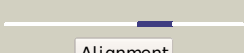
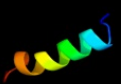
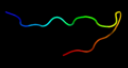
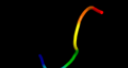
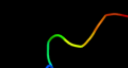
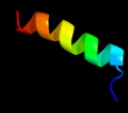


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	C6Y4B3
Date	Sun Jul 8 11:45:06 BST 2012
Unique Job ID	7722aa44661935f5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2rqxA_	 Alignment		30.3	31	PDB header: signaling protein Chain: A: PDB Molecule: polymyxin b resistance protein; PDBTitle: solution nmr structure of pmrd from klebsiella pneumoniae
2	d1jl6a_	 Alignment		18.5	29	Fold: Globin-like Superfamily: Globin-like Family: Globins
3	d1q8ca_	 Alignment		15.8	75	Fold: NusB-like Superfamily: NusB-like Family: Hypothetical protein MG027
4	c3fvcA_	 Alignment		15.2	50	PDB header: viral protein Chain: A: PDB Molecule: glycoprotein gp110; PDBTitle: crystal structure of a trimeric variant of the epstein-barr virus2 glycoprotein b
5	c1yhuX_	 Alignment		12.5	10	PDB header: oxygen storage/transport Chain: X: PDB Molecule: hemoglobin b2 chain; PDBTitle: crystal structure of rifia pachyptila c1 hemoglobin reveals novel2 assembly of 24 subunits.
6	d1vpqa_	 Alignment		11.9	50	Fold: TIM beta/alpha-barrel Superfamily: TM1631-like Family: TM1631-like
7	d1bqua2	 Alignment		11.6	33	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
8	c3cooB_	 Alignment		9.5	22	PDB header: cell adhesion Chain: B: PDB Molecule: spondin-1; PDBTitle: the crystal structure of reelin-n domain of f-spondin
9	d1wisa1	 Alignment		9.3	24	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
10	d1hdsa_	 Alignment		9.2	26	Fold: Globin-like Superfamily: Globin-like Family: Globins
11	d1jl7a_	 Alignment		8.9	24	Fold: Globin-like Superfamily: Globin-like Family: Globins

12	d2dtge3	Alignment		8.5	32	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
13	d1v5ja_	Alignment		8.2	26	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
14	d1hbga_	Alignment		8.1	33	Fold: Globin-like Superfamily: Globin-like Family: Globins
15	c3pmbA_	Alignment		8.0	83	PDB header: hydrolase Chain: A: PDB Molecule: thrombin light chain; PDBTitle: 2.9 angstrom crystal structure of bovine thrombin in tetragonal2 spacegroup
16	c2jsaA_	Alignment		7.9	26	PDB header: signaling protein Chain: A: PDB Molecule: polymyxin resistance protein pmrd; PDBTitle: antimicrobial resistance protein
17	d1vpva_	Alignment		7.8	30	Fold: TIM beta/alpha-barrel Superfamily: TM1631-like Family: TM1631-like
18	c1yhuj_	Alignment		7.8	35	PDB header: oxygen storage/transport Chain: J: PDB Molecule: giant hemoglobins b chain; PDBTitle: crystal structure of riftia pachyptila c1 hemoglobin reveals novel2 assembly of 24 subunits.
19	c3pt8B_	Alignment		7.7	32	PDB header: oxygen transport Chain: B: PDB Molecule: hemoglobin iii; PDBTitle: structure of hbii-iii-cn from lucina pectinata at ph 5.0
20	d2lhba_	Alignment		7.7	39	Fold: Globin-like Superfamily: Globin-like Family: Globins
21	d1tena_	Alignment	not modelled	7.1	26	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
22	d2d9qb2	Alignment	not modelled	6.8	24	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
23	c2r2mA_	Alignment	not modelled	6.7	83	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: thrombin light chain; PDBTitle: 2-(2-chloro-6-fluorophenyl)acetamides as potent thrombin inhibitors
24	c1t4uL_	Alignment	not modelled	6.7	83	PDB header: hydrolase/hydrolase inhibitor Chain: L: PDB Molecule: prothrombin; PDBTitle: crystal structure analysis of a novel oxyguanidine bound to thrombin
25	c3c27A_	Alignment	not modelled	6.7	83	PDB header: hydrolase/hydrolase inhibitor Chain: A: PDB Molecule: thrombin light chain; PDBTitle: cyanofluorophenylacetamides as orally efficacious thrombin inhibitors
26	c1t4vL_	Alignment	not modelled	6.7	83	PDB header: hydrolase/hydrolase inhibitor Chain: L: PDB Molecule: prothrombin; PDBTitle: crystal structure analysis of a novel oxyguanidine bound to thrombin
27	d1d8ua_	Alignment	not modelled	6.7	16	Fold: Globin-like Superfamily: Globin-like Family: Globins
28	c1p8vB_	Alignment	not modelled	6.3	83	PDB header: membrane protein/hydrolase Chain: B: PDB Molecule: prothrombin; PDBTitle: crystal structure of the complex of platelet receptor gpib-alpha and2 alpha-thrombin at 2.6a
						PDB header: transcription

29	c2vy8A_	Alignment	not modelled	6.3	35	Chain: A: PDB Molecule: polymerase basic protein 2; PDBTitle: the 627-domain from influenza a virus polymerase pb22 subunit with glu-627
30	d1p9ma3	Alignment	not modelled	6.2	33	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
31	c2bbdA_	Alignment	not modelled	6.2	45	PDB header: viral protein Chain: A: PDB Molecule: coat protein; PDBTitle: crystal structure of the stiv mcp
32	c2ajwA_	Alignment	not modelled	6.1	64	PDB header: toxin Chain: A: PDB Molecule: alpha-conotoxin mii; PDBTitle: structure of the cyclic conotoxin mii-6
33	d1v4wa_	Alignment	not modelled	5.9	25	Fold: Globin-like Superfamily: Globin-like Family: Globins
34	d1bpva_	Alignment	not modelled	5.9	38	Fold: Immunoglobulin-like beta-sandwich Superfamily: Fibronectin type III Family: Fibronectin type III
35	c1o1nA_	Alignment	not modelled	5.8	30	PDB header: oxygen storage/transport Chain: A: PDB Molecule: hemoglobin alpha chain; PDBTitle: deoxy hemoglobin (a-glyglygly-c:v1m,l29w; b,d:v1m)
36	c2ck2B_	Alignment	not modelled	5.7	42	PDB header: signaling protein Chain: B: PDB Molecule: human fibronectin; PDBTitle: structure of core-swapped mutant of fibronectin
37	c3mvcB_	Alignment	not modelled	5.5	19	PDB header: electron transport Chain: B: PDB Molecule: globin protein 6; PDBTitle: high resolution crystal structure of the heme domain of glb-6 from c.2 elegans
38	d2dn3b1	Alignment	not modelled	5.5	29	Fold: Globin-like Superfamily: Globin-like Family: Globins
39	c3h8hA_	Alignment	not modelled	5.5	38	PDB header: transcription Chain: A: PDB Molecule: e3 ubiquitin-protein ligase ring2; PDBTitle: structure of the c-terminal domain of human rnf2/ring1b;
40	c1x3kA_	Alignment	not modelled	5.2	21	PDB header: oxygen storage/transport Chain: A: PDB Molecule: hemoglobin component v; PDBTitle: crystal structure of a hemoglobin component (ta-v) from2 tokunagayusurika akamusi
41	d1spgb_	Alignment	not modelled	5.2	18	Fold: Globin-like Superfamily: Globin-like Family: Globins