

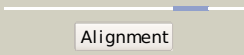

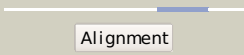
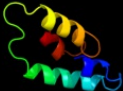
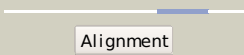

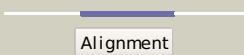

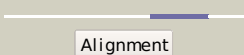
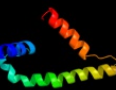




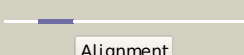

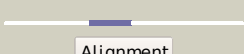

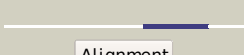








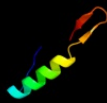



Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P77393
Date	Thu Jan 5 12:28:28 GMT 2012
Unique Job ID	9da6d8d9a5635a01

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlbcoa1	 Alignment		29.0	38	Fold: mu transposase, C-terminal domain Superfamily: mu transposase, C-terminal domain Family: mu transposase, C-terminal domain
2	dlhcia1	 Alignment		24.9	30	Fold: Spectrin repeat-like Superfamily: Spectrin repeat Family: Spectrin repeat
3	c3nb2B_	 Alignment		21.6	18	PDB header: ligase Chain: B: PDB Molecule: secreted effector protein; PDBTitle: crystal structure of e. coli o157:h7 effector protein nlel
4	c2qzaA_	 Alignment		21.2	32	PDB header: ligase Chain: A: PDB Molecule: secreted effector protein; PDBTitle: crystal structure of salmonella effector protein sopa
5	c3r7wC_	 Alignment		17.3	17	PDB header: protein transport Chain: C: PDB Molecule: gtp-binding protein gtr1; PDBTitle: crystal structure of gtr1p-gtr2p complex
6	c3oa7A_	 Alignment		16.8	19	PDB header: structural protein Chain: A: PDB Molecule: head morphogenesis protein, chaotic nuclear migration PDBTitle: structure of the c-terminal domain of cnm67, a core component of the2 spindle pole body of saccharomyces cerevisiae
7	c3fd9C_	 Alignment		16.5	18	PDB header: unknown function Chain: C: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the transcriptional anti-activator exsd2 from pseudomonas aeruginosa
8	dlhssa_	 Alignment		15.9	50	Fold: Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin Superfamily: Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin Family: Proteinase/alpha-amylase inhibitors
9	c1g3jB_	 Alignment		13.3	86	PDB header: transcription Chain: B: PDB Molecule: tcf3-cbd (catenin binding domain); PDBTitle: crystal structure of the xtcf3-cbd/beta-catenin armadillo2 repeat complex
10	dlag9a_	 Alignment		12.8	24	Fold: Flavodoxin-like Superfamily: Flavoproteins Family: Flavodoxin-related
11	c1hm4A_	 Alignment		9.6	21	PDB header: lyase Chain: A: PDB Molecule: pentalenene synthase; PDBTitle: n219l pentalenene synthase

12	d1usma_	Alignment		9.2	20	Fold: DCoH-like Superfamily: PCD-like Family: PCD-like
13	c1jdhB_	Alignment		9.0	86	PDB header: transcription Chain: B: PDB Molecule: htcf-4; PDBTitle: crystal structure of beta-catenin and htcf-4
14	c2qb5B_	Alignment		8.8	18	PDB header: transferase Chain: B: PDB Molecule: inositol-tetrakisphosphate 1-kinase; PDBTitle: crystal structure of human inositol 1,3,4-trisphosphate 5/6-kinase2 (itpk1) in complex with adp and mn2+
15	d1ufza_	Alignment		8.8	43	Fold: RuvA C-terminal domain-like Superfamily: HBS1-like domain Family: HBS1-like domain
16	c3lr4A_	Alignment		8.6	27	PDB header: transferase Chain: A: PDB Molecule: sensor protein; PDBTitle: periplasmic domain of the riss sensor protein from burkholderia2 pseudomallei, barium phased at low ph
17	c3ouxB_	Alignment		8.5	100	PDB header: protein binding Chain: B: PDB Molecule: lymphoid enhancer-binding factor 1; PDBTitle: structure of beta-catenin with phosphorylated lef-1
18	d1pvja_	Alignment		7.5	36	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: Papain-like
19	d2gixa2	Alignment		7.4	16	Fold: Zincin-like Superfamily: beta-N-acetylhexosaminidase-like domain Family: beta-N-acetylhexosaminidase domain
20	d2cupa1	Alignment		7.3	75	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: LIM domain
21	d1dkia_	Alignment	not modelled	7.2	25	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: Papain-like
22	d2bv3a5	Alignment	not modelled	6.5	16	Fold: Ferredoxin-like Superfamily: EF-G C-terminal domain-like Family: EF-G/eEF-2 domains III and V
23	d1x63a1	Alignment	not modelled	6.3	75	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: LIM domain
24	d1go4a_	Alignment	not modelled	6.0	24	Fold: The spindle assembly checkpoint protein mad2 Superfamily: The spindle assembly checkpoint protein mad2 Family: The spindle assembly checkpoint protein mad2
25	d2bw3a1	Alignment	not modelled	5.9	20	Fold: Hermes dimerisation domain Superfamily: Hermes dimerisation domain Family: Hermes dimerisation domain
26	c2eefA_	Alignment	not modelled	5.7	60	PDB header: sugar binding protein Chain: A: PDB Molecule: protein phosphatase 1, regulatory (inhibitor) PDBTitle: solution structure of the cbm_21 domain from human protein2 phosphatase 1, regulatory (inhibitor) subunit 3b
27	c2z0lA_	Alignment	not modelled	5.7	31	PDB header: replication Chain: A: PDB Molecule: early antigen protein d; PDBTitle: crystal structure of ebv-dna polymerase accessory protein2 bmrfl
28	c1dipA_	Alignment	not modelled	5.5	75	PDB header: acetylation Chain: A: PDB Molecule: delta-sleep-inducing peptide immunoreactive PDBTitle: the solution structure of porcine delta-sleep-inducing2 peptide immunoreactive peptide, nmr, 10 structures

29	d1h2vc2	Alignment	not modelled	5.5	25	Fold: alpha-alpha superhelix Superfamily: ARM repeat Family: MIF4G domain-like
30	c1jpwD_	Alignment	not modelled	5.3	86	PDB header: cell adhesion Chain: D: PDB Molecule: transcription factor 7-like 2; PDBTitle: crystal structure of a human tcf-4 / beta-catenin complex
31	c3bbaB_	Alignment	not modelled	5.2	32	PDB header: hydrolase Chain: B: PDB Molecule: interpain a; PDBTitle: structure of active wild-type prevotella intermedia interpain a2 cysteine protease
32	d1ydlal	Alignment	not modelled	5.2	42	Fold: TFB5-like Superfamily: TFB5-like Family: TFB5-like
33	c2xsA_	Alignment	not modelled	5.2	50	PDB header: protein binding Chain: A: PDB Molecule: protein mxig; PDBTitle: solution structure of the n-terminal domain of the shigella2 type iii secretion protein mxig
34	c2gedB_	Alignment	not modelled	5.1	21	PDB header: protein transport, signaling protein Chain: B: PDB Molecule: signal recognition particle receptor beta PDBTitle: signal recognition particle receptor beta-subunit in2 nucleotide-free dimerized form
35	d1dvka_	Alignment	not modelled	5.1	28	Fold: Functional domain of the splicing factor Prp18 Superfamily: Functional domain of the splicing factor Prp18 Family: Functional domain of the splicing factor Prp18