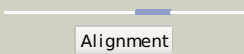

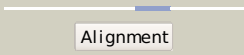

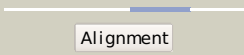

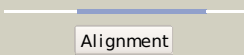

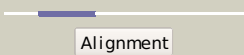

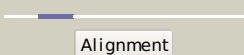

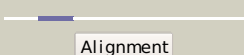



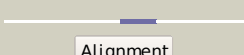

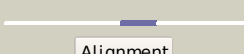
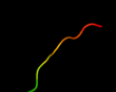
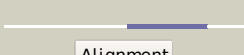












Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	Q9JMT2
Date	Thu Jan 5 12:38:07 GMT 2012
Unique Job ID	2389b96dfe2a6e37

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2a45H_	 Alignment		28.2	62	PDB header: hydrolase/hydrolase inhibitor Chain: H: PDB Molecule: fibrinogen beta chain; PDBTitle: crystal structure of the complex between thrombin and the central "e"2 region of fibrin
2	c1jy2O_	 Alignment		26.0	54	PDB header: blood clotting Chain: O: PDB Molecule: fibrinogen beta chain; PDBTitle: crystal structure of the central region of bovine2 fibrinogen (e5 fragment) at 1.4 angstroms resolution
3	d2cs3a1	 Alignment		23.6	41	Fold: RING/U-box Superfamily: RING/U-box Family: Variant RING domain
4	d1pf5a_	 Alignment		22.0	22	Fold: Bacillus chorismate mutase-like Superfamily: YjgF-like Family: YjgF/L-PSP
5	d2fmla1	 Alignment		17.2	26	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Nudix-associated domain
6	d2axtf1	 Alignment		16.2	63	Fold: Single transmembrane helix Superfamily: Cytochrome b559 subunits Family: Cytochrome b559 subunits
7	c1w5cL_	 Alignment		16.1	63	PDB header: photosynthesis Chain: L: PDB Molecule: cytochrome b559 beta subunit; PDBTitle: photosystem ii from thermosynechococcus elongatus
8	d1g26a_	 Alignment		14.5	63	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Granulin repeat Family: Granulin repeat
9	d1p8ba_	 Alignment		13.4	43	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Albumin 1
10	d1ju8a_	 Alignment		12.2	50	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Albumin 1
11	c1khiA_	 Alignment		10.4	40	PDB header: structural protein Chain: A: PDB Molecule: hex1; PDBTitle: crystal structure of hex1

12	c3sc0A_	Alignment		10.1	58	PDB header: oxidoreductase Chain: A: PDB Molecule: methylmalonic aciduria and homocystinuria type c protein; PDBTitle: crystal structure of mmachc (1-238), a human b12 processing enzyme,2 complexed with methylcobalamin
13	d1v33a_	Alignment		10.0	21	Fold: Prim-pol domain Superfamily: Prim-pol domain Family: PriA-like
14	d1khia1	Alignment		9.8	33	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: eIF5a N-terminal domain-like
15	d1lmta2	Alignment		9.7	42	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Colipase-like Family: Colipase-like
16	c2rp5A_	Alignment		8.8	60	PDB header: transcription Chain: A: PDB Molecule: putative uncharacterized protein cep-1; PDBTitle: solution structure of the oligomerization domain in cep-1
17	d1eg3a1	Alignment		8.7	63	Fold: EF Hand-like Superfamily: EF-hand Family: EF-hand modules in multidomain proteins
18	c1y96D_	Alignment		7.9	29	PDB header: rna binding protein Chain: D: PDB Molecule: gem-associated protein 7; PDBTitle: crystal structure of the gemin6/gemin7 heterodimer from the2 human smn complex
19	d1g71a_	Alignment		7.6	21	Fold: Prim-pol domain Superfamily: Prim-pol domain Family: PriA-like
20	c3i5dC_	Alignment		7.0	36	PDB header: transport protein Chain: C: PDB Molecule: p2x purinoceptor; PDBTitle: crystal structure of the atp-gated p2x4 ion channel in the closed, apo2 state at 3.5 angstroms (r3)
21	d1twfb_	Alignment	not modelled	7.0	27	Fold: beta and beta-prime subunits of DNA dependent RNA-polymerase Superfamily: beta and beta-prime subunits of DNA dependent RNA-polymerase Family: RNA-polymerase beta
22	d1fasa_	Alignment	not modelled	6.9	50	Fold: Snake toxin-like Superfamily: Snake toxin-like Family: Snake venom toxins
23	d1smpl_	Alignment	not modelled	5.2	41	Fold: Streptavidin-like Superfamily: beta-Barrel protease inhibitors Family: Metalloprotease inhibitor
24	d1iz6a1	Alignment	not modelled	5.1	23	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: eIF5a N-terminal domain-like
25	c2e2sA_	Alignment	not modelled	5.1	41	PDB header: toxin Chain: A: PDB Molecule: agelenin; PDBTitle: solution structure of agelenin, an insecticidal peptide2 from the venom of agelena opulenta
26	d2eifa1	Alignment	not modelled	5.0	20	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: eIF5a N-terminal domain-like