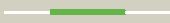
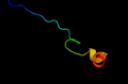
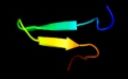
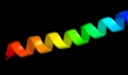
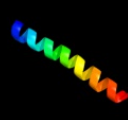
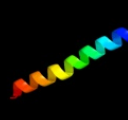
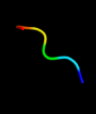
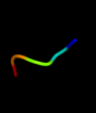
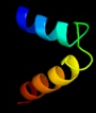


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P08321
Date	Thu Jan 5 11:01:04 GMT 2012
Unique Job ID	278667a2e219db3b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3gebC_	 Alignment		52.2	30	PDB header: hydrolase Chain: C: PDB Molecule: eyes absent homolog 2; PDBTitle: crystal structure of edeya2
2	d1tza_	 Alignment		30.0	23	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
3	c3d35A_	 Alignment		14.9	25	PDB header: transferase Chain: A: PDB Molecule: regulator of ty1 transposition protein 109; PDBTitle: crystal structure of rtt109-ac-coa complex
4	c3a0bX_	 Alignment		14.9	21	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
5	c3a0hX_	 Alignment		14.9	21	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
6	c3a0bx_	 Alignment		14.9	21	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
7	c3a0hx_	 Alignment		14.9	21	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
8	c2zfnA_	 Alignment		13.4	25	PDB header: transferase Chain: A: PDB Molecule: regulator of ty1 transposition protein 109; PDBTitle: self-acetylation mediated histone h3 lysine 56 acetylation by rtt109
9	c1s5lx_	 Alignment		13.1	21	PDB header: photosynthesis Chain: X: PDB Molecule: photosystem ii psbx protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
10	c2y3aA_	 Alignment		11.9	14	PDB header: transferase Chain: A: PDB Molecule: phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic PDBTitle: crystal structure of p110beta in complex with icsh2 of p85beta and2 the drug gdc-0941
11	c3cz7A_	 Alignment		11.6	25	PDB header: replication Chain: A: PDB Molecule: regulator of ty1 transposition protein 109; PDBTitle: molecular basis for the autoregulation of the protein acetyl2 transferase rtt109

12	c2wsoA_	Alignment		10.1	15	PDB header: transferase Chain: A: PDB Molecule: phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic PDBTitle: the crystal structure of the murine class ia pi 3-kinase2 p110delta in complex with as5.
13	c2rlfA_	Alignment		8.8	22	PDB header: proton transport Chain: A: PDB Molecule: matrix protein 2; PDBTitle: proton channel m2 from influenza a in complex with2 inhibitor rimantadine
14	d2ysca1	Alignment		8.5	50	Fold: WW domain-like Superfamily: WW domain Family: WW domain
15	c2rd0A_	Alignment		8.2	22	PDB header: transferase/oncoprotein Chain: A: PDB Molecule: phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic PDBTitle: structure of a human p110alpha/p85alpha complex
16	c2qvwA_	Alignment		7.6	24	PDB header: hydrolase Chain: A: PDB Molecule: glp_546_48378_50642; PDBTitle: structure of giardia dicer refined against twinned data
17	c1e8zA_	Alignment		6.5	14	PDB header: transferase Chain: A: PDB Molecule: phosphatidylinositol 3-kinase catalytic subunit; PDBTitle: structure determinants of phosphoinositide 3-kinase2 inhibition by wortmannin, ly294002, quercetin, myricetin3 and staurosporine
18	d2ho2a1	Alignment		6.1	67	Fold: WW domain-like Superfamily: WW domain Family: WW domain
19	c1fw5A_	Alignment		6.0	40	PDB header: viral protein Chain: A: PDB Molecule: nonstructural protein nsp1; PDBTitle: solution structure of membrane binding peptide of semliki2 forest virus mrna capping enzyme nsp1
20	d1e7ua1	Alignment		5.1	13	Fold: alpha-alpha superhelix Superfamily: ARM repeat Family: Phosphoinositide 3-kinase (PI3K) helical domain
21	d1tqqa_	Alignment	not modelled	5.0	32	Fold: YutG-like Superfamily: YutG-like Family: YutG-like