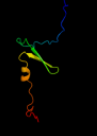
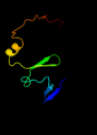
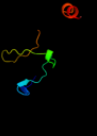
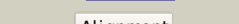
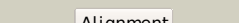
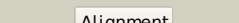
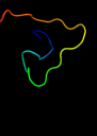
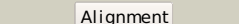
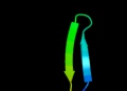


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P18355
Date	Thu Jan 5 11:36:52 GMT 2012
Unique Job ID	154c69c24489b5fc

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3tnbF_	 Alignment		100.0	97	PDB header: translation, toxin Chain: F: PDB Molecule: antitoxin vapb; PDBTitle: crystal structure of shigella flexneri vapbc toxin-antitoxin complex
2	c3zvkg_	 Alignment		100.0	32	PDB header: antitoxin/toxin/dna Chain: G: PDB Molecule: antitoxin of toxin-antitoxin system vapb; PDBTitle: crystal structure of vapbc2 from rickettsia felis bound to2 a dna fragment from their promoter
3	d1ub4c_	 Alignment		98.9	28	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: Kis/PemI addiction antidote
4	d1mvfd_	 Alignment		97.6	29	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: Kis/PemI addiction antidote
5	d1unaa_	 Alignment		15.1	30	Fold: RNA bacteriophage capsid protein Superfamily: RNA bacteriophage capsid protein Family: RNA bacteriophage capsid protein
6	d2fy9a1	 Alignment		14.0	19	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: AbrB N-terminal domain-like
7	d1uf0a_	 Alignment		10.5	21	Fold: beta-Grasp (ubiquitin-like) Superfamily: Doublecortin (DC) Family: Doublecortin (DC)
8	d1yfba1	 Alignment		9.6	13	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: AbrB N-terminal domain-like
9	c3ilaG_	 Alignment		8.3	26	PDB header: signaling protein Chain: G: PDB Molecule: ryanodine receptor 1; PDBTitle: crystal structure of rabbit ryanodine receptor 1 n-terminal domain (9-2 205)
10	c2qc8j_	 Alignment		8.2	50	PDB header: ligase Chain: J: PDB Molecule: glutamine synthetase; PDBTitle: crystal structure of human glutamine synthetase in complex with adp2 and methionine sulfoximine phosphate
11	c2d3aj_	 Alignment		6.7	31	PDB header: ligase Chain: J: PDB Molecule: glutamine synthetase; PDBTitle: crystal structure of the maize glutamine synthetase2 complexed with adp and methionine sulfoximine phosphate

12	d1fr5a_	Alignment		6.7	26	Fold: RNA bacteriophage capsid protein Superfamily: RNA bacteriophage capsid protein Family: RNA bacteriophage capsid protein
13	d2hjqa2	Alignment		6.5	33	Fold: GINS/PriA/YqbF domain Superfamily: PriA/YqbF domain Family: YqbF N-terminal domain-like
14	d1mjda_	Alignment		6.3	16	Fold: beta-Grasp (ubiquitin-like) Superfamily: Doublecortin (DC) Family: Doublecortin (DC)
15	d2bua1	Alignment		6.3	30	Fold: RNA bacteriophage capsid protein Superfamily: RNA bacteriophage capsid protein Family: RNA bacteriophage capsid protein
16	c2w1tB_	Alignment		6.2	16	PDB header: transcription Chain: B: PDB Molecule: stage v sporulation protein t; PDBTitle: crystal structure of b. subtilis spovt
17	d1mg4a_	Alignment		6.0	21	Fold: beta-Grasp (ubiquitin-like) Superfamily: Doublecortin (DC) Family: Doublecortin (DC)
18	d2a6qa1	Alignment		5.7	3	Fold: YefM-like Superfamily: YefM-like Family: YefM-like
19	d3bmva3	Alignment		5.6	6	Fold: Glycosyl hydrolase domain Superfamily: Glycosyl hydrolase domain Family: alpha-Amylases, C-terminal beta-sheet domain
20	d1v5ra1	Alignment		5.2	9	Fold: N domain of copper amine oxidase-like Superfamily: GAS2 domain-like Family: GAS2 domain
21	c3r2cj_	Alignment	not modelled	5.2	27	PDB header: transcription/rna Chain: J: PDB Molecule: 30s ribosomal protein s10; PDBTitle: crystal structure of antitermination factors nusB and nusE in complex2 with boxA rna
22	c1pgsA_	Alignment	not modelled	5.2	19	PDB header: endoglycosidase Chain: A: PDB Molecule: peptide-n(4)-(n-acetyl-beta-d-glucosaminyl) PDBTitle: the three-dimensional structure of pngase f, a2 glycosylasparaginase from flavobacterium meningosepticum