

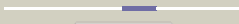
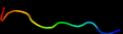
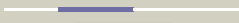












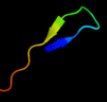
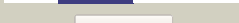
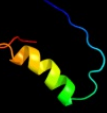


Phyre2

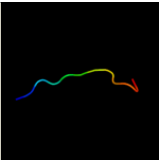
Email	I.a.kelley@imperial.ac.uk
Description	P76078
Date	Thu Jan 5 12:18:17 GMT 2012
Unique Job ID	3c9b8db3a6d38746

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3egrB_	 Alignment		100.0	65	PDB header: oxidoreductase Chain: B: PDB Molecule: phenylacetate-coa oxygenase subunit paab; PDBTitle: crystal structure of a phenylacetate-coa oxygenase subunit paab2 (reut_a2307) from ralstonia eutropha jmp134 at 2.65 a resolution
2	d1na6a1	 Alignment		14.2	27	Fold: DNA-binding pseudobarrel domain Superfamily: DNA-binding pseudobarrel domain Family: Type II restriction endonuclease effector domain
3	d2fgca2	 Alignment		12.5	21	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
4	d2f1fa1	 Alignment		10.2	28	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
5	c2j6aA_	 Alignment		9.7	31	PDB header: transferase Chain: A: PDB Molecule: protein trm112; PDBTitle: crystal structure of s. cerevisiae ynr046w, a zinc finger2 protein from the erf1 methyltransferase complex.
6	d2pc6a2	 Alignment		9.5	33	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
7	d1a0ia1	 Alignment		7.9	22	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: DNA ligase/mRNA capping enzyme postcatalytic domain
8	c2f1fa_	 Alignment		6.8	28	PDB header: transferase Chain: A: PDB Molecule: acetolactate synthase isozyme iii small subunit; PDBTitle: crystal structure of the regulatory subunit of2 acetohydroxyacid synthase isozyme iii from e. coli
9	d1wv8a1	 Alignment		6.5	19	Fold: TTHA1013/TTHA0281-like Superfamily: TTHA1013/TTHA0281-like Family: TTHA1013-like
10	c2pc6C_	 Alignment		6.2	34	PDB header: lyase Chain: C: PDB Molecule: probable acetolactate synthase isozyme iii (small subunit); PDBTitle: crystal structure of putative acetolactate synthase- small subunit2 from nitrosomonas europaea

11 [d2gu3a1](#)

Alignment



6.0

42

Fold:Cystatin-like
Superfamily:Cystatin/monellin
Family:PepSY-like