






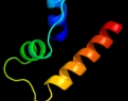





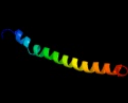

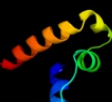













Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P30176
Date	Thu Jan 5 11:46:13 GMT 2012
Unique Job ID	d416d19ff41ba503

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2b3wa1	 Alignment		100.0	100	Fold: YbiA-like Superfamily: YbiA-like Family: YbiA-like
2	c2k0mA	 Alignment		45.3	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution nmr structure of the uncharacterized protein from2 rhodospirillum rubrum gene locus rru_a0810. northeast3 structural genomics target rrr43
3	d1w7ca3	 Alignment		21.7	17	Fold: Cystatin-like Superfamily: Amine oxidase N-terminal region Family: Amine oxidase N-terminal region
4	d2ff4a1	 Alignment		17.1	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: PhoB-like
5	c2oarA	 Alignment		11.7	46	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: mechanosensitive channel of large conductance (mscl)
6	d1uura2	 Alignment		10.7	19	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: STAT DNA-binding domain
7	c1avoD	 Alignment		10.1	19	PDB header: proteasome activator Chain: D: PDB Molecule: 11s regulator; PDBTitle: proteasome activator reg(alpha)
8	d1gxqa	 Alignment		8.9	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: PhoB-like
9	c2k4jA	 Alignment		8.5	10	PDB header: transcription Chain: A: PDB Molecule: putative transcriptional regulator; PDBTitle: arsr dna binding domain
10	d1opca	 Alignment		7.5	11	Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: PhoB-like
11	d1i3ja	 Alignment		7.4	10	Fold: DNA-binding domain of intron-encoded endonucleases Superfamily: DNA-binding domain of intron-encoded endonucleases Family: DNA-binding domain of intron-encoded endonucleases

12	d1kgsa1	Alignment		7.2	12	Fold: DNA/RNA-binding 3-helical bundle Superfamily: C-terminal effector domain of the bipartite response regulators Family: PhoB-like
13	d1mjda_	Alignment		6.4	12	Fold: beta-Grasp (ubiquitin-like) Superfamily: Doublecortin (DC) Family: Doublecortin (DC)
14	d1mhyg_	Alignment		6.2	21	Fold: Open three-helical up-and-down bundle Superfamily: Methane monooxygenase hydrolase, gamma subunit Family: Methane monooxygenase hydrolase, gamma subunit
15	c2l2lA_	Alignment		6.1	29	PDB header: transferase Chain: A: PDB Molecule: transcriptional repressor p66-alpha; PDBTitle: solution structure of the coiled-coil complex between mbd2 and2 p66alpha
16	d1mjta_	Alignment		5.8	15	Fold: Nitric oxide (NO) synthase oxygenase domain Superfamily: Nitric oxide (NO) synthase oxygenase domain Family: Nitric oxide (NO) synthase oxygenase domain

17	d1om4a_	Alignment		5.3	15	Fold: Nitric oxide (NO) synthase oxygenase domain Superfamily: Nitric oxide (NO) synthase oxygenase domain Family: Nitric oxide (NO) synthase oxygenase domain
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