Phyre2

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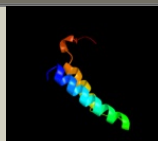
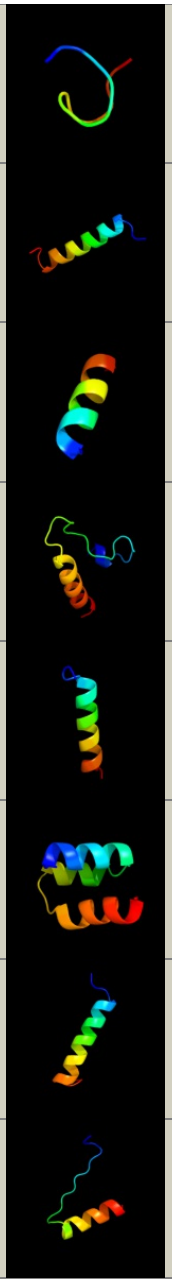
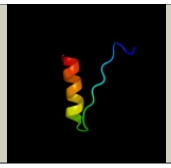
Description	P75973
Date	Thu Jan 5 12:16:41 GMT 2012
Unique Job ID	fa99aface53879f3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1sf9a_	Alignment		73.9	37	**Fold:**SH3-like barrel **Superfamily:**Hypothetical protein YfhH **Family:**Hypothetical protein YfhH
2	c2yxyA_	Alignment		66.3	31	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**hypothetical conserved protein, gk0453; **PDBTitle:** crystarl structure of hypothetical conserved protein, gk0453
3	c2kbzA_	Alignment		29.1	35	**PDB header:**viral protein **Chain:** A: **PDB Molecule:**15 protein (bacteriophage spp1 complete **PDBTitle:** nmr structure of protein gp15 of bacteriophage spp1
4	c3h5jA_	Alignment		20.3	21	**PDB header:**lyase **Chain:** A: **PDB Molecule:**3-isopropylmalate dehydratase small subunit; **PDBTitle:** leud_1-168 small subunit of isopropylmalate isomerase (rv2987c) from2 mycobacterium tuberculosis
5	c1onvB_	Alignment		15.7	57	**PDB header:**transcription **Chain:** B: **PDB Molecule:**serine phosphatase fcp1a; **PDBTitle:** nmr structure of a complex containing the tfiif subunit2 rap74 and the rnap ii ctd phosphatase fcp1
6	d2e74d2	Alignment		12.8	60	**Fold:**Single transmembrane helix **Superfamily:**ISP transmembrane anchor **Family:**ISP transmembrane anchor
7	c3q3wB_	Alignment		10.7	21	**PDB header:**transferase **Chain:** B: **PDB Molecule:**3-isopropylmalate dehydratase small subunit; **PDBTitle:** isopropylmalate isomerase small subunit from campylobacter jejuni.
8	d1qb2a_	Alignment		10.5	24	**Fold:**Signal peptide-binding domain **Superfamily:**Signal peptide-binding domain **Family:**Signal peptide-binding domain
9	c1iflA_	Alignment		9.8	50	**PDB header:**virus **Chain:** A: **PDB Molecule:**inovirus; **PDBTitle:** molecular models and structural comparisons of native and2 mutant class i filamentous bacteriophages ff (fd, f1, m13),3 if1 and ike
10	c2gboB_	Alignment		8.7	41	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**upf0358 protein ef2458; **PDBTitle:** protein of unknown function ef2458 from enterococcus faecalis
11	d2gboa1	Alignment		8.7	41	**Fold:**Open three-helical up-and-down bundle **Superfamily:**EF2458-like **Family:**EF2458-like

12	d1t0wa_	Alignment		7.9	45	**Fold:**Knottins (small inhibitors, toxins, lectins) **Superfamily:**Plant lectins/antimicrobial peptides **Family:**Hevein-like agglutinin (lectin) domain
13	c4a1aH_	Alignment		6.9	32	**PDB header:**ribosome **Chain:** H: **PDB Molecule:**60s ribosomal protein l10; **PDBTitle:** t.thermophila 60s ribosomal subunit in complex with2 initiation factor 6. this file contains 5s rrna,3 5.8s rrna and proteins of molecule 3.
14	c3t97A_	Alignment		6.6	31	**PDB header:**protein transport **Chain:** A: **PDB Molecule:**nuclear pore glycoprotein p62; **PDBTitle:** molecular architecture of the transport channel of the nuclear pore2 complex: nup62/nup54
15	d1szha_	Alignment		5.7	29	**Fold:**Her-1 **Superfamily:**Her-1 **Family:**Her-1
16	c2dw3A_	Alignment		5.3	32	**PDB header:**photosynthesis **Chain:** A: **PDB Molecule:**intrinsic membrane protein pufx; **PDBTitle:** solution structure of the rhodobacter sphaeroides pufx2 membrane protein
17	d1gc5a_	Alignment		5.2	13	**Fold:**Ribokinase-like **Superfamily:**Ribokinase-like **Family:**ADP-specific Phosphofructokinase/Glucokinase
18	d2pa2a1	Alignment		5.2	35	**Fold:**alpha/beta-Hammerhead **Superfamily:**Ribosomal protein L16p/L10e **Family:**Ribosomal protein L10e
19	c1oftC_	Alignment		5.1	19	**PDB header:**bacterial cell division inhibitor **Chain:** C: **PDB Molecule:**hypothetical protein pa3008; **PDBTitle:** crystal structure of sula from pseudomonas aeruginosa

20	d1ofux_	Alignment		5.0	19	**Fold:**P-loop containing nucleoside triphosphate hydrolases **Superfamily:**P-loop containing nucleoside triphosphate hydrolases **Family:**Bacterial cell division inhibitor SulA