



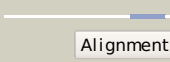

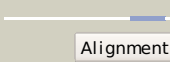
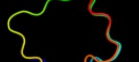
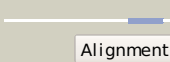

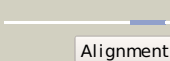

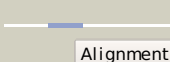

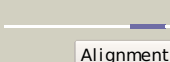

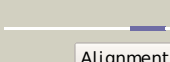
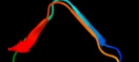
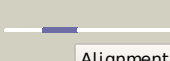
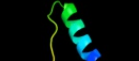
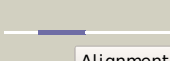

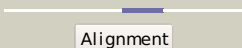
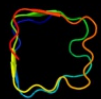
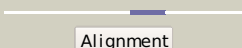



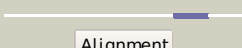


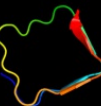







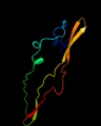
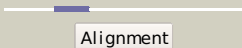

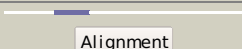
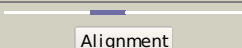
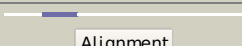
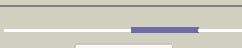

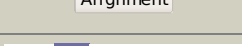
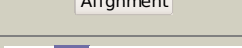


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2yztA_	 Alignment		35.9	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative uncharacterized protein ttha1756; PDBTitle: crystal structure of uncharacterized conserved protein from thermus2 thermophilus hb8
2	d2j8ka1	 Alignment		31.0	14	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
3	c3pssB_	 Alignment		28.3	38	PDB header: cell cycle Chain: B: PDB Molecule: qnr; PDBTitle: crystal structure of ahqnr, the qnr protein from aeromonas hydrophila2 (p21 crystal form)
4	c2g0yA_	 Alignment		28.1	27	PDB header: unknown function Chain: A: PDB Molecule: pentapeptide repeat protein; PDBTitle: crystal structure of a luminal pentapeptide repeat protein from2 cyanothec sp 51142 at 2.3 angstrom resolution. tetragonal crystal3 form
5	c3du1X_	 Alignment		24.2	12	PDB header: structural protein Chain: X: PDB Molecule: all3740 protein; PDBTitle: the 2.0 angstrom resolution crystal structure of hetl, a pentapeptide2 repeat protein involved in heterocyst differentiation regulation from3 the cyanobacterium nostoc sp. strain pcc 7120
6	c3n90A_	 Alignment		20.2	31	PDB header: unknown function Chain: A: PDB Molecule: thylakoid luminal 15 kda protein 1, chloroplastic; PDBTitle: the 1.7 angstrom resolution crystal structure of at2g44920, a2 pentapeptide repeat protein from arabidopsis thaliana thylakoid3 lumen.
7	c2vy2A_	 Alignment		20.2	41	PDB header: transcription Chain: A: PDB Molecule: protein leafy; PDBTitle: structure of leafy transcription factor from arabidopsis2 thaliana in complex with dna from ag-i promoter
8	d2j8ia1	 Alignment		19.9	13	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
9	c2xt4A_	 Alignment		19.4	21	PDB header: cell cycle Chain: A: PDB Molecule: mcbg-like protein; PDBTitle: structure of the pentapeptide repeat protein alb3, a2 resistance factor for the topoisomerase poison albicidin.
10	c3cucB_	 Alignment		18.9	24	PDB header: signaling protein Chain: B: PDB Molecule: protein of unknown function with a fic domain; PDBTitle: crystal structure of a fic domain containing signaling protein2 (bt_2513) from bacteroides thetaiotaomicron vpi-5482 at 2.71 a3 resolution
11	c3k1iA_	 Alignment		18.4	16	PDB header: chaperone Chain: A: PDB Molecule: flagellar protein; PDBTitle: crystal strcture of flis-hp1076 complex in h. pylori

12	c2xbwB_		Alignment		17.8	17	PDB header: cell cycle Chain: B: PDB Molecule: qnrB1; PDBTitle: structure of qnrB1 (full length), a plasmid-mediated2 fluoroquinolone resistance protein
13	c2xt4B_		Alignment		15.0	18	PDB header: cell cycle Chain: B: PDB Molecule: mcbg-like protein; PDBTitle: structure of the pentapeptide repeat protein albG, a2 resistance factor for the topoisomerase poison albicidin.
14	d1u4ra_		Alignment		14.5	33	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
15	c3oiqB_		Alignment		13.7	89	PDB header: protein binding Chain: B: PDB Molecule: dna polymerase alpha catalytic subunit a; PDBTitle: crystal structure of yeast telomere protein cdc13 ob1 and the2 catalytic subunit of dna polymerase alpha pol1
16	c2w7zB_		Alignment		13.6	18	PDB header: inhibitor Chain: B: PDB Molecule: pentapeptide repeat family protein; PDBTitle: structure of the pentapeptide repeat protein efsqr, a dna2 gyrase inhibitor. free amines modified by cyclic3 pentylation with glutaraldehyde.
17	c3gb8B_		Alignment		13.4	18	PDB header: transport protein Chain: B: PDB Molecule: snurportin-1; PDBTitle: crystal structure of crml1/snurportin-1 complex
18	d1m8aa_		Alignment		13.4	21	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
19	c2j8kA_		Alignment		12.9	18	PDB header: toxin Chain: A: PDB Molecule: np275-np276; PDBTitle: structure of the fusion of np275 and np276, pentapeptide2 repeat proteins from nostoc punctiforme
20	d3lkfa_		Alignment		11.9	21	Fold: Leukocidin-like Superfamily: Leukocidin-like Family: Leukocidin (pore-forming toxin)
21	d2hcca_		Alignment	not modelled	11.8	28	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
22	c3h6sE_		Alignment	not modelled	11.6	63	PDB header: hydrolase/hydrolase inhibitor Chain: E: PDB Molecule: clitocypin analog; PDBTitle: strucure of clitocypin - cathepsin v complex
23	d1g91a_		Alignment	not modelled	11.2	39	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
24	d1ex0a2		Alignment	not modelled	10.9	17	Fold: Immunoglobulin-like beta-sandwich Superfamily: Transglutaminase, two C-terminal domains Family: Transglutaminase, two C-terminal domains
25	d2g03a1		Alignment	not modelled	10.9	13	Fold: Fic-like Superfamily: Fic-like Family: Fic-like
26	c3oc5A_		Alignment	not modelled	10.4	36	PDB header: cell adhesion Chain: A: PDB Molecule: toxin coregulated pilus biosynthesis protein f; PDBTitle: crystal structure of the vibrio cholerae secreted colonization factor2 tcpf
27	d1j8ia_		Alignment	not modelled	10.3	22	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
28	c2l4nA_		Alignment	not modelled	10.1	39	PDB header: cytokine Chain: A: PDB Molecule: c-c motif chemokine 21; PDBTitle: solution structure of the chemokine ccl21
							Fold: IL8-like

29	d2eota_	Alignment	not modelled	10.1	33	Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
30	c2o6wA_	Alignment	not modelled	10.0	15	PDB header: unknown function Chain: A: PDB Molecule: repeat five residue (rfr) protein or PDBTitle: crystal structure of a pentapeptide repeat protein (rfr23)2 from the cyanobacterium cyanothece 51142
31	d2f3la1	Alignment	not modelled	9.5	28	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
32	d1bo0a_	Alignment	not modelled	9.4	39	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
33	c2ra4B_	Alignment	not modelled	9.4	28	PDB header: cytokine Chain: B: PDB Molecule: small-inducible cytokine a13; PDBTitle: crystal structure of human monocyte chemoattractant protein 4 (mcp-2 4/ccl13)
34	d1huna_	Alignment	not modelled	9.1	28	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
35	d1eiga_	Alignment	not modelled	8.9	33	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
36	d1c8za_	Alignment	not modelled	8.7	67	Fold: Tubby C-terminal domain-like Superfamily: Tubby C-terminal domain-like Family: Transcriptional factor tubby, C-terminal domain
37	d2bm5a1	Alignment	not modelled	8.1	24	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
38	c2j8iB_	Alignment	not modelled	7.9	16	PDB header: toxin Chain: B: PDB Molecule: np275; PDBTitle: structure of np275, a pentapeptide repeat protein from2 nostoc punctiforme
39	d1el0a_	Alignment	not modelled	7.9	33	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
40	d1nr4a_	Alignment	not modelled	7.9	28	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
41	c3bq9A_	Alignment	not modelled	7.8	32	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted rossmann fold nucleotide-binding domain- PDBTitle: crystal structure of predicted nucleotide-binding protein from2 idiomarina baltica os145
42	d1nr4b_	Alignment	not modelled	7.7	28	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
43	d1b50a_	Alignment	not modelled	7.5	39	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
44	d1n28a_	Alignment	not modelled	7.4	22	Fold: Phospholipase A2, PLA2 Superfamily: Phospholipase A2, PLA2 Family: Vertebrate phospholipase A2
45	d1doka_	Alignment	not modelled	7.2	39	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
46	d1iaza_	Alignment	not modelled	7.1	21	Fold: Cytolysin/lectin Superfamily: Cytolysin/lectin Family: Anemone pore-forming cytolysin
47	d1tg7a4	Alignment	not modelled	7.0	27	Fold: Glycosyl hydrolase domain Superfamily: Glycosyl hydrolase domain Family: Beta-galactosidase LacA, domain 2
48	d1eaqa_	Alignment	not modelled	7.0	35	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: RUNT domain
49	d2pbea2	Alignment	not modelled	7.0	50	Fold: Nucleotidyltransferase Superfamily: Nucleotidyltransferase Family: AadK N-terminal domain-like
50	d1jltb_	Alignment	not modelled	6.9	20	Fold: Phospholipase A2, PLA2 Superfamily: Phospholipase A2, PLA2 Family: Vertebrate phospholipase A2
51	d1g2ta_	Alignment	not modelled	6.9	28	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
52	c2q8rF_	Alignment	not modelled	6.7	28	PDB header: cytokine Chain: F: PDB Molecule: ccl14; PDBTitle: structural and functional characterization of cc chemokine ccl14
53	c1zxtD_	Alignment	not modelled	6.7	28	PDB header: signaling protein Chain: D: PDB Molecule: functional macrophage inflammatory protein 1-alpha homolog; PDBTitle: crystal structure of a viral chemokine
54	c2cazF_	Alignment	not modelled	6.6	31	PDB header: protein transport Chain: F: PDB Molecule: protein srn2; PDBTitle: escrt-i core
55	d1b3aa_	Alignment	not modelled	6.6	33	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
						Fold: Toxins' membrane translocation domains

56	d1ddba_	Alignment	not modelled	6.5	27	Superfamily: Bcl-2 inhibitors of programmed cell death Family: Bcl-2 inhibitors of programmed cell death
57	c3n3vA_	Alignment	not modelled	6.4	14	PDB header: transferase Chain: A: PDB Molecule: adenosine monophosphate-protein transferase ibpa; PDBTitle: crystal structure of ibpafic2-h3717a in complex with adenylated2 cdc42
58	d2nz1d1	Alignment	not modelled	6.2	39	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
59	d1ljma_	Alignment	not modelled	6.2	35	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: RUNT domain
60	d1gmza_	Alignment	not modelled	5.8	17	Fold: Phospholipase A2, PLA2 Superfamily: Phospholipase A2, PLA2 Family: Vertebrate phospholipase A2
61	d1nxza1	Alignment	not modelled	5.5	23	Fold: PUA domain-like Superfamily: PUA domain-like Family: Yggj N-terminal domain-like
62	d1g2xa_	Alignment	not modelled	5.5	26	Fold: Phospholipase A2, PLA2 Superfamily: Phospholipase A2, PLA2 Family: Vertebrate phospholipase A2
63	d2fhta1	Alignment	not modelled	5.3	33	Fold: IL8-like Superfamily: Interleukin 8-like chemokines Family: Interleukin 8-like chemokines
64	d1oari_	Alignment	not modelled	5.3	40	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
65	d1mg7a1	Alignment	not modelled	5.2	33	Fold: Ribosomal protein S5 domain 2-like Superfamily: Ribosomal protein S5 domain 2-like Family: Early switch protein XOL-1, N-terminal domain
66	c3q13A_	Alignment	not modelled	5.1	21	PDB header: cell adhesion Chain: A: PDB Molecule: spondin-1; PDBTitle: the structure of the ca2+-binding, glycosylated f-spondin domain of f-2 spondin, a c2-domain variant from extracellular matrix
67	c3oqlA_	Alignment	not modelled	5.1	27	PDB header: transcription Chain: A: PDB Molecule: tena homolog; PDBTitle: crystal structure of a tena homolog (pspto1738) from pseudomonas2 syringae pv. tomato str. dc3000 at 2.54 a resolution
68	d1buna_	Alignment	not modelled	5.1	17	Fold: Phospholipase A2, PLA2 Superfamily: Phospholipase A2, PLA2 Family: Vertebrate phospholipase A2