







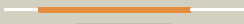




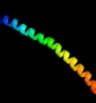
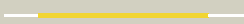

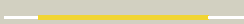

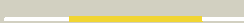



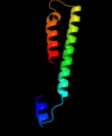






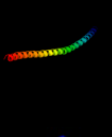
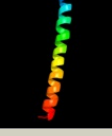


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2jeeA_	 Alignment		100.0	100	PDB header: cell cycle Chain: A: PDB Molecule: yiii; PDBTitle: xray structure of e. coli yiii
2	c3u59C_	 Alignment		91.8	18	PDB header: contractile protein Chain: C: PDB Molecule: tropomyosin beta chain; PDBTitle: n-terminal 98-aa fragment of smooth muscle tropomyosin beta
3	c3ghgK_	 Alignment		89.3	12	PDB header: blood clotting Chain: K: PDB Molecule: fibrinogen beta chain; PDBTitle: crystal structure of human fibrinogen
4	c3ojaB_	 Alignment		89.1	14	PDB header: protein binding Chain: B: PDB Molecule: anopheles plasmodium-responsive leucine-rich repeat protein PDBTitle: crystal structure of Irim1/apl1c complex
5	c2w6aB_	 Alignment		86.4	38	PDB header: signaling protein Chain: B: PDB Molecule: arf gtpase-activating protein git1; PDBTitle: x-ray structure of the dimeric git1 coiled-coil domain
6	c2fxmB_	 Alignment		81.4	14	PDB header: contractile protein Chain: B: PDB Molecule: myosin heavy chain, cardiac muscle beta isoform; PDBTitle: structure of the human beta-myosin s2 fragment
7	c1cz7C_	 Alignment		79.5	13	PDB header: contractile protein Chain: C: PDB Molecule: microtubule motor protein ncd; PDBTitle: the crystal structure of a minus-end directed microtubule2 motor protein ncd reveals variable dimer conformations
8	c1degO_	 Alignment		78.9	11	PDB header: PDB COMPND:
9	c3ol1A_	 Alignment		78.8	12	PDB header: structural protein Chain: A: PDB Molecule: vimentin; PDBTitle: crystal structure of vimentin (fragment 144-251) from homo sapiens, 2 northeast structural genomics consortium target hr4796b
10	c2yy0D_	 Alignment		78.5	41	PDB header: transcription Chain: D: PDB Molecule: c-myc-binding protein; PDBTitle: crystal structure of ms0802, c-myc-1 binding protein domain2 from homo sapiens
11	c1gd2G_	 Alignment		78.4	27	PDB header: transcription/dna Chain: G: PDB Molecule: transcription factor pap1; PDBTitle: crystal structure of bzip transcription factor pap1 bound2 to dna

12	c1yvlB_	Alignment		77.5	10	PDB header: signaling protein Chain: B: PDB Molecule: signal transducer and activator of transcription PDBTitle: structure of unphosphorylated stat1
13	c1dipA_	Alignment		75.7	50	PDB header: acetylation Chain: A: PDB Molecule: delta-sleep-inducing peptide immunoreactive PDBTitle: the solution structure of porcine delta-sleep-inducing2 peptide immunoreactive peptide, nmr, 10 structures
14	c1ei3E_	Alignment		75.6	7	PDB header: PDB COMPND:
15	c1j1dF_	Alignment		71.8	16	PDB header: contractile protein Chain: F: PDB Molecule: troponin i; PDBTitle: crystal structure of the 46kda domain of human cardiac2 troponin in the ca2+ saturated form
16	c2b9cA_	Alignment		71.1	10	PDB header: contractile protein Chain: A: PDB Molecule: striated-muscle alpha tropomyosin; PDBTitle: structure of tropomyosin's mid-region: bending and binding2 sites for actin
17	c2wt7B_	Alignment		69.7	19	PDB header: transcription Chain: B: PDB Molecule: transcription factor mafb; PDBTitle: crystal structure of the bzip heterodimeric complex2 mafb:cfos bound to dna
18	c2v66C_	Alignment		69.4	14	PDB header: structural protein Chain: C: PDB Molecule: nuclear distribution protein nude-like 1; PDBTitle: crystal structure of the coiled-coil domain of ndel1 (a.a.2 58 to 169)c
19	c3o0zD_	Alignment		68.9	15	PDB header: transferase Chain: D: PDB Molecule: rho-associated protein kinase 1; PDBTitle: crystal structure of a coiled-coil domain from human rock i
20	d1an2a_	Alignment		66.7	13	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
21	c2d3eD_	Alignment	not modelled	66.4	16	PDB header: contractile protein Chain: D: PDB Molecule: general control protein gcn4 and tropomyosin 1 PDBTitle: crystal structure of the c-terminal fragment of rabbit2 skeletal alpha-tropomyosin
22	c2oqqB_	Alignment	not modelled	65.1	29	PDB header: transcription Chain: B: PDB Molecule: transcription factor hy5; PDBTitle: crystal structure of hy5 leucine zipper homodimer from2 arabidopsis thaliana
23	c3mudA_	Alignment	not modelled	65.1	24	PDB header: contractile protein Chain: A: PDB Molecule: dna repair protein xrcc4, tropomyosin alpha-1 chain; PDBTitle: structure of the tropomyosin overlap complex from chicken smooth2 muscle
24	c1c1gA_	Alignment	not modelled	65.0	20	PDB header: contractile protein Chain: A: PDB Molecule: tropomyosin; PDBTitle: crystal structure of tropomyosin at 7 angstroms resolution2 in the spermine-induced crystal form
25	c1bg1A_	Alignment	not modelled	64.8	16	PDB header: transcription/dna Chain: A: PDB Molecule: protein (transcription factor stat3b); PDBTitle: transcription factor stat3b/dna complex
26	c2w6bA_	Alignment	not modelled	64.5	29	PDB header: signaling protein Chain: A: PDB Molecule: rho guanine nucleotide exchange factor 7; PDBTitle: crystal structure of the trimeric beta-pix coiled-coil2 domain
27	d1x4ta1	Alignment	not modelled	63.9	32	Fold: Long alpha-hairpin Superfamily: ISY1 domain-like Family: ISY1 N-terminal domain-like
						PDB header: transcription/dna

28	c1fosE_	Alignment	not modelled	63.5	25	Chain: E: PDB Molecule: p55-c-fos proto-oncogene protein; PDBTitle: two human c-fos:c-jun:dna complexes
29	d2p90a1	Alignment	not modelled	63.3	18	Fold: Phosphorylase/hydrolase-like Superfamily: Cgl1923-like Family: Cgl1923-like
30	c3hizB_	Alignment	not modelled	62.9	9	PDB header: transferase/oncoprotein Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit PDBTitle: crystal structure of p110alpha h1047r mutant in complex with2 nish2 of p85alpha
31	c1ci6A_	Alignment	not modelled	62.8	33	PDB header: transcription Chain: A: PDB Molecule: transcription factor atf-4; PDBTitle: transcription factor atf4-c/ebp beta bzip heterodimer
32	c3a7pB_	Alignment	not modelled	62.1	14	PDB header: protein transport Chain: B: PDB Molecule: autophagy protein 16; PDBTitle: the crystal structure of saccharomyces cerevisiae atg16
33	c2efrB_	Alignment	not modelled	60.1	11	PDB header: contractile protein Chain: B: PDB Molecule: general control protein gcn4 and tropomyosin 1 alpha chain; PDBTitle: crystal structure of the c-terminal tropomyosin fragment with n- and2 c-terminal extensions of the leucine zipper at 1.8 angstroms3 resolution
34	c1fosF_	Alignment	not modelled	59.3	26	PDB header: transcription/dna Chain: F: PDB Molecule: c-jun proto-oncogene protein; PDBTitle: two human c-fos:c-jun:dna complexes
35	c2gd7B_	Alignment	not modelled	59.3	14	PDB header: transcription Chain: B: PDB Molecule: hexim1 protein; PDBTitle: the structure of the cyclin t-binding domain of hexim12 reveals the molecular basis for regulation of3 transcription elongation
36	d1uklc_	Alignment	not modelled	57.3	33	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
37	c2e43A_	Alignment	not modelled	56.2	31	PDB header: transcription/dna Chain: A: PDB Molecule: ccaat/enhancer-binding protein beta; PDBTitle: crystal structure of c/ebpbeta bzip homodimer k269a mutant2 bound to a high affinity dna fragment
38	c1bf5A_	Alignment	not modelled	56.0	18	PDB header: gene regulation/dna Chain: A: PDB Molecule: signal transducer and activator of transcription PDBTitle: tyrosine phosphorylated stat-1/dna complex
39	c3hnnwB_	Alignment	not modelled	54.7	23	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a basic coiled-coil protein of unknown function2 from eubacterium eligens atcc 27750
40	c3qo8A_	Alignment	not modelled	53.3	15	PDB header: ligase Chain: A: PDB Molecule: seryl-trna synthetase, cytoplasmic; PDBTitle: crystal structure of seryl-trna synthetase from candida albicans
41	c2v71A_	Alignment	not modelled	52.6	19	PDB header: nuclear protein Chain: A: PDB Molecule: nuclear distribution protein nude-like 1; PDBTitle: coiled-coil region of nudel
42	d1am9a_	Alignment	not modelled	51.9	35	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
43	d1r05a_	Alignment	not modelled	50.7	15	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
44	c2j5uB_	Alignment	not modelled	49.8	41	PDB header: cell shape regulation Chain: B: PDB Molecule: mrec protein; PDBTitle: mrec lysteria monocytogenes
45	c2w83C_	Alignment	not modelled	49.6	22	PDB header: protein transport Chain: C: PDB Molecule: c-jun-amino-terminal kinase-interacting protein PDBTitle: crystal structure of the arf6 gtpase in complex with a2 specific effector, jip4
46	d1nkpB_	Alignment	not modelled	49.6	13	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
47	c3q4fG_	Alignment	not modelled	47.6	30	PDB header: dna binding protein/protein binding Chain: G: PDB Molecule: dna repair protein xrcc4; PDBTitle: crystal structure of xrcc4/xf-cernunnos complex
48	c1ei3C_	Alignment	not modelled	45.9	16	PDB header: PDB COMPND:
49	c1rb1B_	Alignment	not modelled	45.4	38	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
50	c1rb1A_	Alignment	not modelled	45.4	38	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
51	c3k7zA_	Alignment	not modelled	45.4	38	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
52	c3k7zB_	Alignment	not modelled	45.4	38	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
53	d1nkpA_	Alignment	not modelled	45.1	23	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain

54	d1nlwa	Alignment	not modelled	45.1	18	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
55	c2ql2B	Alignment	not modelled	45.1	14	PDB header: cell adhesion Chain: B: PDB Molecule: adhesion a; PDBTitle: crystal structure of the tetra mutant (t66g,r67g,f68g,2 y69g) of bacterial adhesin fada
56	c1ij2C	Alignment	not modelled	45.0	38	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvtI coiled-coil trimer with threonine at the a(16)2 position
57	c1ij3C	Alignment	not modelled	44.9	38	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvsl coiled-coil trimer with serine at the a(16)2 position
58	c3dtpA	Alignment	not modelled	43.5	16	PDB header: contractile protein Chain: A: PDB Molecule: myosin 2 heavy chain chimera of smooth and PDBTitle: tarantula heavy meromyosin obtained by flexible docking to2 tarantula muscle thick filament cryo-em 3d-map
59	c3a5tB	Alignment	not modelled	43.5	22	PDB header: transcription regulator/dna Chain: B: PDB Molecule: transcription factor mafg; PDBTitle: crystal structure of mafg-dna complex
60	c1ytzl	Alignment	not modelled	43.4	18	PDB header: contractile protein Chain: I: PDB Molecule: troponin i; PDBTitle: crystal structure of skeletal muscle troponin in the ca2+-2 activated state
61	c1ij2B	Alignment	not modelled	43.4	38	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvtI coiled-coil trimer with threonine at the a(16)2 position
62	c1ci6B	Alignment	not modelled	41.3	32	PDB header: transcription Chain: B: PDB Molecule: transcription factor c/ebp beta; PDBTitle: transcription factor atf4-c/ebp beta bzip heterodimer
63	c1ciiA	Alignment	not modelled	37.9	16	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
64	c1junB	Alignment	not modelled	37.9	23	PDB header: transcription regulation Chain: B: PDB Molecule: c-jun homodimer; PDBTitle: nmr study of c-jun homodimer
65	c1deoF	Alignment	not modelled	37.6	10	PDB header: PDB COMPND:
66	c3na7A	Alignment	not modelled	36.8	8	PDB header: gene regulation, chaperone Chain: A: PDB Molecule: hp0958; PDBTitle: 2.2 angstrom structure of the hp0958 protein from helicobacter pylori2 ccug 17874
67	c1t2kD	Alignment	not modelled	35.0	24	PDB header: transcription/dna Chain: D: PDB Molecule: cyclic-amp-dependent transcription factor atf-2; PDBTitle: structure of the dna binding domains of irf3, atf-2 and jun2 bound to dna
68	c1ik9B	Alignment	not modelled	32.6	24	PDB header: gene regulation/ligase Chain: B: PDB Molecule: dna repair protein xrcc4; PDBTitle: crystal structure of a xrcc4-dna ligase iv complex
69	c3l9oA	Alignment	not modelled	32.1	13	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: crystal structure of mtr4, a co-factor of the nuclear exosome
70	c3cwgA	Alignment	not modelled	29.9	19	PDB header: transcription Chain: A: PDB Molecule: signal transducer and activator of transcription PDBTitle: unphosphorylated mouse stat3 core fragment
71	c2zxxA	Alignment	not modelled	29.9	22	PDB header: cell cycle/replication Chain: A: PDB Molecule: geminin; PDBTitle: crystal structure of cdt1/geminin complex
72	c2ve7A	Alignment	not modelled	27.7	18	PDB header: cell cycle Chain: A: PDB Molecule: kinetochore protein hec1, kinetochore protein spc25; PDBTitle: crystal structure of a bonsai version of the human ndc802 complex
73	c1dh3A	Alignment	not modelled	27.2	17	PDB header: transcription/dna Chain: A: PDB Molecule: transcription factor creb; PDBTitle: crystal structure of a creb bzip-cre complex reveals the2 basis for creb faimly selective dimerization and dna3 binding
74	d1hloa	Alignment	not modelled	25.7	11	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain
75	c2v4hA	Alignment	not modelled	25.6	23	PDB header: transcription Chain: A: PDB Molecule: nf-kappa-b essential modulator; PDBTitle: nemo cc2-lz domain - 1d5 darpin complex
76	c3m9bK	Alignment	not modelled	24.0	17	PDB header: chaperone Chain: K: PDB Molecule: proteasome-associated atpase; PDBTitle: crystal structure of the amino terminal coiled coil domain and the2 inter domain of the mycobacterium tuberculosis proteasomal atpase mpa
77	c2v1yB	Alignment	not modelled	23.2	16	PDB header: transferase Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit alpha; PDBTitle: structure of a phosphoinositide 3-kinase alpha adaptor-2 binding domain (abd) in a complex with the ish2 domain3 from p85 alpha
78	d1nlwe	Alignment	not modelled	22.8	26	Fold: HLH-like Superfamily: HLH, helix-loop-helix DNA-binding domain Family: HLH, helix-loop-helix DNA-binding domain

79	d2ncda_	Alignment	not modelled	22.4	22	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Motor proteins
80	c4a55B_	Alignment	not modelled	19.8	17	PDB header: transferase Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit alpha; PDBTitle: crystal structure of p110alpha in complex with ish2 of p85alpha and2 the inhibitor pik-108
81	c2xgjA_	Alignment	not modelled	19.7	13	PDB header: hydrolase/rna Chain: A: PDB Molecule: atp-dependent rna helicase dob1; PDBTitle: structure of mtr4, a dexh helicase involved in nuclear rna2 processing and surveillance
82	c1fmhA_	Alignment	not modelled	19.4	30	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: nmr solution structure of a designed heterodimeric leucine2 zipper
83	c1debA_	Alignment	not modelled	19.2	26	PDB header: structural protein Chain: A: PDB Molecule: adenomatous polyposis coli protein; PDBTitle: crystal structure of the n-terminal coiled coil domain from2 apc
84	c1yv0I_	Alignment	not modelled	19.0	18	PDB header: contractile protein Chain: I: PDB Molecule: troponin i, fast skeletal muscle; PDBTitle: crystal structure of skeletal muscle troponin in the ca2+-2 free state
85	c2y3aB_	Alignment	not modelled	19.0	12	PDB header: transferase Chain: B: PDB Molecule: phosphatidylinositol 3-kinase regulatory subunit beta; PDBTitle: crystal structure of p110beta in complex with icsh2 of p85beta and2 the drug gdc-0941
86	c1h3oA_	Alignment	not modelled	18.9	38	PDB header: transcription/tbp-associated factors Chain: A: PDB Molecule: transcription initiation factor tfiid 135 kda PDBTitle: crystal structure of the human taf4-taf122 (tafi135-tafii20) complex
87	d1h3oa_	Alignment	not modelled	18.9	38	Fold: Histone-fold Superfamily: Histone-fold Family: TBP-associated factors, TAFs
88	c2zvnF_	Alignment	not modelled	17.3	23	PDB header: signaling protein/transcription Chain: F: PDB Molecule: nf-kappa-b essential modulator; PDBTitle: nemo cozi domain incomplex with diubiquitin in p2121212 space group
89	c2xdjF_	Alignment	not modelled	17.2	19	PDB header: unknown function Chain: F: PDB Molecule: uncharacterized protein ybgf; PDBTitle: crystal structure of the n-terminal domain of e.coli ybgf
90	d1uk5a_	Alignment	not modelled	16.5	12	Fold: Spectrin repeat-like Superfamily: BAG domain Family: BAG domain
91	d1u2ma_	Alignment	not modelled	15.9	28	Fold: OmpH-like Superfamily: OmpH-like Family: OmpH-like
92	c2x7aB_	Alignment	not modelled	15.1	36	PDB header: immune system Chain: B: PDB Molecule: bone marrow stromal antigen 2; PDBTitle: structural basis of hiv-1 tethering to membranes by the2 bst2-tetherin ectodomain
93	c2wukD_	Alignment	not modelled	15.0	20	PDB header: cell cycle Chain: D: PDB Molecule: septum site-determining protein diviva; PDBTitle: diviva n-terminal domain, f17a mutant
94	c3lssA_	Alignment	not modelled	14.4	19	PDB header: ligase Chain: A: PDB Molecule: seryl-trna synthetase; PDBTitle: trypanosoma brucei seryl-trna synthetase in complex with atp
95	c1ztaA_	Alignment	not modelled	14.2	33	PDB header: dna-binding motif Chain: A: PDB Molecule: leucine zipper monomer; PDBTitle: the solution structure of a leucine-zipper motif peptide
96	c2wvrB_	Alignment	not modelled	14.1	24	PDB header: replication Chain: B: PDB Molecule: geminin; PDBTitle: human cdt1:geminin complex
97	c1jocA_	Alignment	not modelled	14.0	25	PDB header: membrane protein Chain: A: PDB Molecule: early endosomal autoantigen 1; PDBTitle: eea1 homodimer of c-terminal fyve domain bound to inositol2 1,3-diphosphate
98	c3mtuD_	Alignment	not modelled	13.8	8	PDB header: contractile protein Chain: D: PDB Molecule: tropomyosin alpha-1 chain, microtubule-associated protein PDBTitle: structure of the tropomyosin overlap complex from chicken smooth2 muscle
99	d1seta1	Alignment	not modelled	13.4	18	Fold: Long alpha-hairpin Superfamily: tRNA-binding arm Family: Seryl-tRNA synthetase (SerRS)