
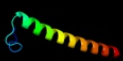

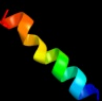




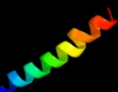







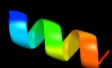







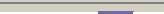


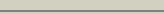


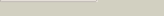
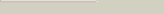

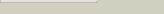
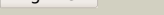
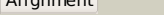
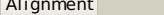
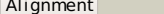


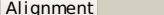


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1u7la_	 Alignment		37.4	17	Fold: Vacuolar ATP synthase subunit C Superfamily: Vacuolar ATP synthase subunit C Family: Vacuolar ATP synthase subunit C
2	c2ahpB_	 Alignment		32.5	50	PDB header: de novo protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper, mutation of lys15 to epsilon-azido-lys
3	c2ahpA_	 Alignment		32.1	50	PDB header: de novo protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper, mutation of lys15 to epsilon-azido-lys
4	c3etoB_	 Alignment		27.3	24	PDB header: signaling protein Chain: B: PDB Molecule: neurogenic locus notch homolog protein 1; PDBTitle: 2 angstrom xray structure of the notch1 negative regulatory region2 (nrr)
5	c1ce0B_	 Alignment		26.3	35	PDB header: hiv-1 envelope protein Chain: B: PDB Molecule: protein (leucine zipper model h38-p1); PDBTitle: trimerization specificity in hiv-1 gp41: analysis with a2 gcn4 leucine zipper model
6	c1ij2C_	 Alignment		21.9	41	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvlt coiled-coil trimer with threonine at the a(16)2 position
7	c1ij1B_	 Alignment		21.9	58	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvlt coiled-coil trimer with threonine at the d(12)2 position
8	c1ij1C_	 Alignment		21.9	58	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvlt coiled-coil trimer with threonine at the d(12)2 position
9	c1ij1A_	 Alignment		21.9	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvlt coiled-coil trimer with threonine at the d(12)2 position
10	c3k7zA_	 Alignment		21.8	41	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
11	c1rb1A_	 Alignment		21.8	41	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution

12	c1rb6C_	Alignment		21.8	41	PDB header: dna binding protein Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal form
13	c1swiA_	Alignment		21.8	41	PDB header: leucine zipper Chain: A: PDB Molecule: gcn4p1; PDBTitle: gcn4-leucine zipper core mutant as n16a complexed with2 benzene
14	c1rb1B_	Alignment		21.8	41	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
15	c3k7zB_	Alignment		21.8	41	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
16	c1ij3C_	Alignment		21.8	41	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
17	c1ij3B_	Alignment		21.8	41	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvsl coiled-coil trimer with serine at the a(16)2 position
18	c2wpzA_	Alignment		21.3	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with two vxnxxt motifs2 coordinating chloride
19	c1ij0B_	Alignment		21.2	58	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: coiled coil trimer gcn4-pvls ser at buried d position
20	c1ij0A_	Alignment		21.2	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: coiled coil trimer gcn4-pvls ser at buried d position
21	c1ij0C_	Alignment	not modelled	21.2	58	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: coiled coil trimer gcn4-pvls ser at buried d position
22	c2wq1A_	Alignment	not modelled	20.5	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with three ixnxtx motifs2 coordinating bromide
23	c2wq3A_	Alignment	not modelled	20.5	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with three ixnxtx motifs2 coordinating chloride and nitrate
24	c2wpzB_	Alignment	not modelled	20.1	58	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with two vxnxxt motifs2 coordinating chloride
25	c2wpzC_	Alignment	not modelled	19.8	58	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with two vxnxxt motifs2 coordinating chloride
26	c2o7hF_	Alignment	not modelled	19.1	36	PDB header: transcription Chain: F: PDB Molecule: general control protein gcn4; PDBTitle: crystal structure of trimeric coiled coil gcn4 leucine zipper
27	c1ij2B_	Alignment	not modelled	19.1	41	PDB header: transcription Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvt coiled-coil trimer with threonine at the a(16)2 position
28	c2dalA_	Alignment	not modelled	19.0	38	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: protein kiaa0794; PDBTitle: solution structure of the novel identified uba-like domain2 in the n-terminal of human fas associated factor 1 protein
						PDB header: dna binding protein

29	c1piqA_	Alignment	not modelled	18.4	50	Chain: A: PDB Molecule: protein (general control protein gcn4-piq); PDBTitle: crystal structure of gcn4-piq, a trimeric coiled coil with buried2 polar residues
30	c1zilA_	Alignment	not modelled	17.7	45	PDB header: leucine zipper Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16gln in the dimeric2 state
31	c1zilB_	Alignment	not modelled	17.7	45	PDB header: leucine zipper Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16gln in the dimeric2 state
32	c1rb4C_	Alignment	not modelled	17.3	58	PDB header: dna binding protein Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal automatic solution
33	c1rb4A_	Alignment	not modelled	16.6	58	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal automatic solution
34	c1swiB_	Alignment	not modelled	16.6	58	PDB header: leucine zipper Chain: B: PDB Molecule: gcn4p1; PDBTitle: gcn4-leucine zipper core mutant as n16a complexed with2 benzene
35	c1ij2A_	Alignment	not modelled	16.6	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvt coiled-coil trimer with threonine at the a(16)2 position
36	c2ztaB_	Alignment	not modelled	16.5	58	PDB header: leucine zipper Chain: B: PDB Molecule: gcn4 leucine zipper; PDBTitle: x-ray structure of the gcn4 leucine zipper, a two-stranded,2 parallel coiled coil
37	c2ztaA_	Alignment	not modelled	16.5	58	PDB header: leucine zipper Chain: A: PDB Molecule: gcn4 leucine zipper; PDBTitle: x-ray structure of the gcn4 leucine zipper, a two-stranded,2 parallel coiled coil
38	c1gcmA_	Alignment	not modelled	16.3	58	PDB header: transcription regulation Chain: A: PDB Molecule: gcn4p-ii; PDBTitle: gcn4 leucine zipper core mutant p-li
39	c3h25A_	Alignment	not modelled	16.3	25	PDB header: replication/dna Chain: A: PDB Molecule: replication protein b; PDBTitle: crystal structure of the catalytic domain of primase reph' in complex2 with initiator dna
40	c1zimC_	Alignment	not modelled	16.1	45	PDB header: leucine zipper Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
41	c1zimB_	Alignment	not modelled	16.1	45	PDB header: leucine zipper Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
42	c2xzaA_	Alignment	not modelled	15.9	37	PDB header: cell adhesion Chain: A: PDB Molecule: immunoglobulin-binding protein eibd; PDBTitle: escherichia coli immunoglobulin-binding protein eibd 391-438 fused2 to gcn4 adaptors
43	d1xhmb1	Alignment	not modelled	15.8	33	Fold: Non-globular all-alpha subunits of globular proteins Superfamily: Transducin (heterotrimeric G protein), gamma chain Family: Transducin (heterotrimeric G protein), gamma chain
44	c1zikA_	Alignment	not modelled	15.8	58	PDB header: leucine zipper Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16lys in the dimeric2 state
45	c1zikB_	Alignment	not modelled	15.8	58	PDB header: leucine zipper Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16lys in the dimeric2 state
46	c1ce9C_	Alignment	not modelled	15.8	64	PDB header: helix capping Chain: C: PDB Molecule: protein (gcn4-pmse); PDBTitle: helix capping in the gcn4 leucine zipper
47	c1ce9D_	Alignment	not modelled	15.8	64	PDB header: helix capping Chain: D: PDB Molecule: protein (gcn4-pmse); PDBTitle: helix capping in the gcn4 leucine zipper
48	c1ce9A_	Alignment	not modelled	15.8	64	PDB header: helix capping Chain: A: PDB Molecule: protein (gcn4-pmse); PDBTitle: helix capping in the gcn4 leucine zipper
49	c1ce9B_	Alignment	not modelled	15.8	64	PDB header: helix capping Chain: B: PDB Molecule: protein (gcn4-pmse); PDBTitle: helix capping in the gcn4 leucine zipper
50	c1xhmb_	Alignment	not modelled	15.5	33	PDB header: signaling protein Chain: B: PDB Molecule: guanine nucleotide-binding protein g(i)/g(s) PDBTitle: the crystal structure of a biologically active peptide2 (sigk) bound to a g protein beta:gamma heterodimer
51	c1ld4E_	Alignment	not modelled	15.5	64	PDB header: virus Chain: E: PDB Molecule: general control protein gcn4; PDBTitle: placement of the structural proteins in sindbis virus
52	c2wpyA_	Alignment	not modelled	15.4	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with one vxnxmx motif2 coordinating chloride
53	c1ij3A_	Alignment	not modelled	15.2	58	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-pvsl coiled-coil trimer with serine at the a(16)2 position
54	c1rb4B_	Alignment	not modelled	15.2	58	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal automatic solution

55	c1rb6B_	Alignment	not modelled	15.2	58	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal form
56	c1rb5C_	Alignment	not modelled	15.2	58	PDB header: dna binding protein Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a trigonal form
57	c1rb5B_	Alignment	not modelled	14.8	58	PDB header: dna binding protein Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a trigonal form
58	c1rb6A_	Alignment	not modelled	14.8	58	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a tetragonal form
59	c1rb5A_	Alignment	not modelled	14.8	58	PDB header: dna binding protein Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel trimer of gcn4-leucine zipper core mutant as2 n16a trigonal form
60	c1gcmB_	Alignment	not modelled	14.5	58	PDB header: transcription regulation Chain: B: PDB Molecule: gcn4p-ii; PDBTitle: gcn4 leucine zipper core mutant p-li
61	c1gcmC_	Alignment	not modelled	14.1	58	PDB header: transcription regulation Chain: C: PDB Molecule: gcn4p-ii; PDBTitle: gcn4 leucine zipper core mutant p-li
62	c1ziiA_	Alignment	not modelled	14.1	44	PDB header: leucine zipper Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16aba in the dimeric2 state
63	c1ziiB_	Alignment	not modelled	14.1	44	PDB header: leucine zipper Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16aba in the dimeric2 state
64	d1pzra_	Alignment	not modelled	14.0	45	Fold: HLH-like Superfamily: Docking domain B of the erythromycin polyketide synthase (DEBS) Family: Docking domain B of the erythromycin polyketide synthase (DEBS)
65	c1zimA_	Alignment	not modelled	13.9	48	PDB header: leucine zipper Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
66	c3p8mD_	Alignment	not modelled	13.8	58	PDB header: protein binding Chain: D: PDB Molecule: general control protein gcn4; PDBTitle: human dynein light chain (dynl12) in complex with an in vitro evolved2 peptide dimerized by leucine zipper
67	c3k7zC_	Alignment	not modelled	13.6	64	PDB header: dna binding protein Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
68	c1rb1C_	Alignment	not modelled	13.6	64	PDB header: dna binding protein Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
69	d1qm4a2	Alignment	not modelled	13.6	31	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
70	d1mxaa2	Alignment	not modelled	13.1	33	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
71	c1ztaA_	Alignment	not modelled	12.7	42	PDB header: dna-binding motif Chain: A: PDB Molecule: leucine zipper monomer; PDBTitle: the solution structure of a leucine-zipper motif peptide
72	c2r9iA_	Alignment	not modelled	12.6	33	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative phage capsid protein; PDBTitle: crystal structure of putative phage capsid protein domain from2 corynebacterium diphtheriae
73	c1zijB_	Alignment	not modelled	12.4	44	PDB header: leucine zipper Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16aba in the trimeric2 state
74	c1zijA_	Alignment	not modelled	12.4	44	PDB header: leucine zipper Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16aba in the trimeric2 state
75	c1zijC_	Alignment	not modelled	12.4	44	PDB header: leucine zipper Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: gcn4-leucine zipper core mutant asn16aba in the trimeric2 state
76	c1swiC_	Alignment	not modelled	12.0	64	PDB header: leucine zipper Chain: C: PDB Molecule: gcn4p1; PDBTitle: gcn4-leucine zipper core mutant as n16a complexed with2 benzene
77	c1qeyA_	Alignment	not modelled	12.0	50	PDB header: gene regulation Chain: A: PDB Molecule: protein (regulatory protein mnt); PDBTitle: nmr structure determination of the tetramerization domain2 of the mnt repressor: an asymmetric a-helical assembly in3 slow exchange
78	c1qeyB_	Alignment	not modelled	12.0	50	PDB header: gene regulation Chain: B: PDB Molecule: protein (regulatory protein mnt); PDBTitle: nmr structure determination of the tetramerization domain2 of the mnt repressor: an asymmetric a-helical assembly in3 slow exchange
79	c1qeyC_	Alignment	not modelled	12.0	50	PDB header: gene regulation Chain: C: PDB Molecule: protein (regulatory protein mnt); PDBTitle: nmr structure determination of the tetramerization domain2 of the mnt repressor: an asymmetric a-helical assembly in3 slow exchange

80	c1qeyD_	 Alignment	not modelled	12.0	50	PDB header: gene regulation Chain: D: PDB Molecule: protein (regulatory protein mnt); PDBTitle: nmr structure determination of the tetramerization domain2 of the mnt repressor: an asymmetric a-helical assembly in3 slow exchange
81	c3e9eB_	 Alignment	not modelled	11.7	18	PDB header: hydrolase Chain: B: PDB Molecule: zgc:56074; PDBTitle: structure of full-length h11a mutant form of tigar from danio rerio
82	c2wq2A_	 Alignment	not modelled	11.4	78	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with three ixnxbx motifs2 coordinating iodide
83	c2ccfA_	 Alignment	not modelled	10.5	50	PDB header: four helix bundle Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: antiparallel configuration of pli e20s
84	c2wq0A_	 Alignment	not modelled	10.3	78	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: gcn4 leucine zipper mutant with three ixnxbx motifs2 coordinating chloride
85	c1u9fA_	 Alignment	not modelled	10.2	50	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: heterocyclic peptide backbone modification in gcn4-pli based coiled2 coils: replacement of k(15)l(16)
86	c1unwB_	 Alignment	not modelled	9.8	50	PDB header: four helix bundle Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
87	c1unxA_	 Alignment	not modelled	9.7	50	PDB header: four helix bundle Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
88	c1unyB_	 Alignment	not modelled	9.7	50	PDB header: four helix bundle Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
89	c2cceA_	 Alignment	not modelled	9.7	50	PDB header: four helix bundle Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: parallel configuration of pli e20s
90	c2cceB_	 Alignment	not modelled	9.7	50	PDB header: four helix bundle Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: parallel configuration of pli e20s
91	c1uo0A_	 Alignment	not modelled	9.6	50	PDB header: four helix bundle Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
92	c1uo0B_	 Alignment	not modelled	9.6	50	PDB header: four helix bundle Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
93	c1uo1B_	 Alignment	not modelled	9.6	50	PDB header: four helix bundle Chain: B: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles
94	c1u9hA_	 Alignment	not modelled	9.6	50	PDB header: transcription Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: heterocyclic peptide backbone modification in gcn4-pli based coiled2 coils: replacement of e(22)l(23)
95	c1gcIA_	 Alignment	not modelled	9.5	50	PDB header: leucine zipper Chain: A: PDB Molecule: gcn4; PDBTitle: gcn4 leucine zipper core mutant p-li
96	c1gcIC_	 Alignment	not modelled	9.5	50	PDB header: leucine zipper Chain: C: PDB Molecule: gcn4; PDBTitle: gcn4 leucine zipper core mutant p-li
97	c3f1bA_	 Alignment	not modelled	9.3	10	PDB header: transcription regulator Chain: A: PDB Molecule: tetr-like transcriptional regulator; PDBTitle: the crystal structure of a tet-like transcriptional regulator from2 rhodococcus sp. rha1.
98	c1gcIB_	 Alignment	not modelled	9.2	50	PDB header: leucine zipper Chain: B: PDB Molecule: gcn4; PDBTitle: gcn4 leucine zipper core mutant p-li
99	c1u9fC_	 Alignment	not modelled	9.1	50	PDB header: transcription Chain: C: PDB Molecule: general control protein gcn4; PDBTitle: heterocyclic peptide backbone modification in gcn4-pli based coiled2 coils: replacement of k(15)l(16)