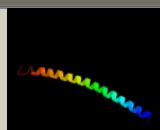
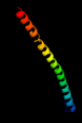
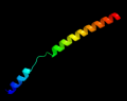
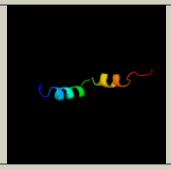
Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P81269
Date	Tue Jul 30 13:08:27 BST 2013
Unique Job ID	2fbf21ea9a8c769f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1dh3A_	Alignment		99.4	91	**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
2	c3a5tB_	Alignment		99.3	28	**PDB header:**transcription regulator/dna **Chain:** B: **PDB Molecule:**transcription factor mafg; **PDBTitle:** crystal structure of mafg-dna complex
3	c2wt7B_	Alignment		99.2	31	**PDB header:**transcription **Chain:** B: **PDB Molecule:**transcription factor mafb; **PDBTitle:** crystal structure of the bzip heterodimeric complex2 mafb:cfos bound to dna
4	c1t2kD_	Alignment		99.1	31	**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
5	c1ysaD_	Alignment		99.1	33	**PDB header:**transcription/dna **Chain:** D: **PDB Molecule:**protein (gcn4); **PDBTitle:** the gcn4 basic region leucine zipper binds dna as a dimer2 of uninterrupted alpha helices: crystal structure of the3 protein-dna complex
6	c1fosE_	Alignment		99.1	26	**PDB header:**transcription/dna **Chain:** E: **PDB Molecule:**p55-c-fos proto-oncogene protein; **PDBTitle:** two human c-fos:c-jun:dna complexes
7	c2e43A_	Alignment		99.1	25	**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
8	c1fosF_	Alignment		99.0	31	**PDB header:**transcription/dna **Chain:** F: **PDB Molecule:**c-jun proto-oncogene protein; **PDBTitle:** two human c-fos:c-jun:dna complexes
9	c1gd2G_	Alignment		99.0	27	**PDB header:**transcription/dna **Chain:** G: **PDB Molecule:**transcription factor pap1; **PDBTitle:** crystal structure of bzip transcription factor pap1 bound2 to dna
10	c1ci6A_	Alignment		98.8	28	**PDB header:**transcription **Chain:** A: **PDB Molecule:**transcription factor atf-4; **PDBTitle:** transcription factor atf4-c/ebp beta bzip heterodimer
11	c2xzrA_	Alignment		98.3	14	**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

12	d1sknp_	Alignment		97.1	24	**Fold:**A DNA-binding domain in eukaryotic transcription factors **Superfamily:**A DNA-binding domain in eukaryotic transcription factors **Family:**A DNA-binding domain in eukaryotic transcription factors
13	c2c9lZ_	Alignment		97.0	35	**PDB header:**viral protein **Chain:** Z: **PDB Molecule:**bzlf1 trans-activator protein; **PDBTitle:** structure of the epstein-barr virus zebra protein
14	c1ce0B_	Alignment		96.3	18	**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
15	c1junB_	Alignment		95.9	25	**PDB header:**transcription regulation **Chain:** B: **PDB Molecule:**c-jun homodimer; **PDBTitle:** nmr study of c-jun homodimer
16	c1ci6B_	Alignment		95.6	22	**PDB header:**transcription **Chain:** B: **PDB Molecule:**transcription factor c/ebp beta; **PDBTitle:** transcription factor atf4-c/ebp beta bzip heterodimer
17	c1ztaA_	Alignment		95.4	32	**PDB header:**dna-binding motif **Chain:** A: **PDB Molecule:**leucine zipper monomer; **PDBTitle:** the solution structure of a leucine-zipper motif peptide
18	c2kz5A_	Alignment		95.4	30	**PDB header:**transcription **Chain:** A: **PDB Molecule:**transcription factor nf-e2 45 kda subunit; **PDBTitle:** solution nmr structure of transcription factor nf-e2 subunit's dna2 binding domain from homo sapiens, northeast structural genomics3 consortium target hr4653b
19	c1ij2C_	Alignment		95.3	34	**PDB header:**transcription **Chain:** C: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-pvtl coiled-coil trimer with threonine at the a(16)2 position
20	c1ij3C_	Alignment		95.3	34	**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
21	c3k7zB_	Alignment	not modelled	95.3	34	**PDB header:**dna binding protein **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
22	c1rb1A_	Alignment	not modelled	95.3	34	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
23	c1rb1B_	Alignment	not modelled	95.3	34	**PDB header:**dna binding protein **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
24	c3k7zA_	Alignment	not modelled	95.3	34	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant as n16a trigonal automatic2 solution
25	c1ij3B_	Alignment	not modelled	95.3	34	**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
26	c1ij2B_	Alignment	not modelled	95.2	34	**PDB header:**transcription **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-pvtl coiled-coil trimer with threonine at the a(16)2 position
27	c1rb6C_	Alignment	not modelled	95.2	34	**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
28	c1swiA_	Alignment	not modelled	95.1	34	**PDB header:**leucine zipper **Chain:** A: **PDB Molecule:**gcn4p1; **PDBTitle:** gcn4-leucine zipper core mutant as n16a complexed with2 benzene

29	c2o7hF_	Alignment	not modelled	95.1	31	**PDB header:**transcription **Chain:** F: **PDB Molecule:**general control protein gcn4; **PDBTitle:** crystal structure of trimeric coiled coil gcn4 leucine zipper
30	c2ztaA_	Alignment	not modelled	93.9	38	**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
31	c2ztaB_	Alignment	not modelled	93.9	38	**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
32	c3p8mD_	Alignment	not modelled	93.8	38	**PDB header:**protein binding **Chain:** D: **PDB Molecule:**general control protein gcn4; **PDBTitle:** human dynein light chain (dynll2) in complex with an in vitro evolved2 peptide dimerized by leucine zipper
33	c1ce9A_	Alignment	not modelled	93.7	41	**PDB header:**helix capping **Chain:** A: **PDB Molecule:**protein (gcn4-pmse); **PDBTitle:** helix capping in the gcn4 leucine zipper
34	c1ce9B_	Alignment	not modelled	93.7	41	**PDB header:**helix capping **Chain:** B: **PDB Molecule:**protein (gcn4-pmse); **PDBTitle:** helix capping in the gcn4 leucine zipper
35	c1ce9D_	Alignment	not modelled	93.7	41	**PDB header:**helix capping **Chain:** D: **PDB Molecule:**protein (gcn4-pmse); **PDBTitle:** helix capping in the gcn4 leucine zipper
36	c1ce9C_	Alignment	not modelled	93.6	41	**PDB header:**helix capping **Chain:** C: **PDB Molecule:**protein (gcn4-pmse); **PDBTitle:** helix capping in the gcn4 leucine zipper
37	c2lxtC_	Alignment		93.4	58	**PDB header:**transferase/protein binding **Chain:** C: **PDB Molecule:**cyclic amp-responsive element-binding protein 1; **PDBTitle:** allosteric communication in the kix domain proceeds through dynamic2 re-packing of the hydrophobic core
38	d1uklc_	Alignment	not modelled	93.3	28	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
39	c2oqqB_	Alignment	not modelled	93.2	50	**PDB header:**transcription **Chain:** B: **PDB Molecule:**transcription factor hy5; **PDBTitle:** crystal structure of hy5 leucine zipper homodimer from2 arabidopsis thaliana
40	c1u2uA_	Alignment	not modelled	92.6	42	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** nmr solution structure of a designed heterodimeric leucine2 zipper
41	c2gd7B_	Alignment	not modelled	92.4	17	**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
42	c2lz1A_	Alignment	not modelled	92.3	33	**PDB header:**transcription **Chain:** A: **PDB Molecule:**nuclear factor erythroid 2-related factor 2; **PDBTitle:** solution nmr structure of the dna-binding domain of human nf-e2-2 related factor 2, northeast structural genomics consortium (nesg)3 target hr3520o
43	c2ipzD_	Alignment	not modelled	92.2	33	**PDB header:**biosynthetic protein **Chain:** D: **PDB Molecule:**general control protein gcn4; **PDBTitle:** a parallel coiled-coil tetramer with offset helices
44	c3i1gA_	Alignment	not modelled	92.2	34	**PDB header:**metal binding protein **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** crystal structure of a gcn4 leucine zipper mutant at 1.6 a2 resolution
45	c1ld4E_	Alignment	not modelled	92.1	39	**PDB header:**virus **Chain:** E: **PDB Molecule:**general control protein gcn4; **PDBTitle:** placement of the structural proteins in sindbis virus
46	c2wpzA_	Alignment	not modelled	91.8	28	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper mutant with two vxxnxxx motifs2 coordinating chloride
47	c3he5A_	Alignment	not modelled	91.7	50	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**synzip1; **PDBTitle:** heterospecific coiled-coil pair synzip2:synzip1
48	c3ck4K_	Alignment	not modelled	91.6	38	**PDB header:**protein binding **Chain:** K: **PDB Molecule:**gcn4 leucine zipper; **PDBTitle:** a heterospecific leucine zipper tetramer
49	c2wpzB_	Alignment	not modelled	91.5	28	**PDB header:**transcription **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper mutant with two vxxnxxx motifs2 coordinating chloride
50	c2wpzC_	Alignment	not modelled	91.4	28	**PDB header:**transcription **Chain:** C: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper mutant with two vxxnxxx motifs2 coordinating chloride
51	c3m48A_	Alignment	not modelled	90.8	37	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper peptide mutant
52	d1am9a_	Alignment	not modelled	90.7	26	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
53	d1nkpa_	Alignment	not modelled	90.7	16	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
						Fold:HLH-like

54	d1an2a_	Alignment	not modelled	90.6	14	**Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
55	c1ij2A_	Alignment	not modelled	90.4	34	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-pvtl coiled-coil trimer with threonine at the a(16)2 position
56	c1zimC_	Alignment	not modelled	90.4	34	**PDB header:**leucine zipper **Chain:** C: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
57	c1zimB_	Alignment	not modelled	90.4	34	**PDB header:**leucine zipper **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
58	c1dipA_	Alignment	not modelled	90.3	30	**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
59	c1zikB_	Alignment	not modelled	90.2	34	**PDB header:**leucine zipper **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16lys in the dimeric2 state
60	c1rb5C_	Alignment	not modelled	90.2	34	**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
61	c1rb4B_	Alignment	not modelled	90.2	34	**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
62	c1rb6B_	Alignment	not modelled	90.2	34	**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
63	c1rb5B_	Alignment	not modelled	90.1	34	**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
64	c1rb5A_	Alignment	not modelled	90.1	34	**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
65	c1rb6A_	Alignment	not modelled	90.1	34	**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
66	c1zilB_	Alignment	not modelled	90.1	34	**PDB header:**leucine zipper **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16gln in the dimeric2 state
67	c2ccfA_	Alignment	not modelled	90.1	21	**PDB header:**four helix bundle **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** antiparallel configuration of pli e20s
68	c1w5kA_	Alignment	not modelled	90.0	17	**PDB header:**four helix bundle **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
69	c1w5kB_	Alignment	not modelled	90.0	17	**PDB header:**four helix bundle **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
70	c1w5kC_	Alignment	not modelled	90.0	17	**PDB header:**four helix bundle **Chain:** C: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
71	c1w5kD_	Alignment	not modelled	90.0	17	**PDB header:**four helix bundle **Chain:** D: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
72	c1rb4A_	Alignment	not modelled	89.9	34	**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
73	c1piqA_	Alignment	not modelled	89.8	17	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**protein (general control protein gcn4-piq); **PDBTitle:** crystal structure of gcn4-piq, a trimeric coiled coil with buried2 polar residues
74	d1nlwe_	Alignment	not modelled	89.8	14	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
75	c1gclC_	Alignment	not modelled	89.7	21	**PDB header:**leucine zipper **Chain:** C: **PDB Molecule:**gcn4; **PDBTitle:** gcn4 leucine zipper core mutant p-li
76	c1gcmB_	Alignment	not modelled	89.7	17	**PDB header:**transcription regulation **Chain:** B: **PDB Molecule:**gcn4p-ii; **PDBTitle:** gcn4 leucine zipper core mutant p-li
77	c1zilA_	Alignment	not modelled	89.6	34	**PDB header:**leucine zipper **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16gln in the dimeric2 state
78	c1uo1B_	Alignment	not modelled	89.5	21	**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
79	c1uo2B_	Alignment	not modelled	89.4	21	**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
						PDB header:four helix bundle

80	c1w5iB_	Alignment	not modelled	89.4	21	**Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** aba does not affect topology of pli.
81	c1fmhA_	Alignment	not modelled	89.3	34	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** nmr solution structure of a designed heterodimeric leucine2 zipper
82	d1nlwa_	Alignment	not modelled	89.3	27	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
83	c1uo2A_	Alignment	not modelled	89.3	21	**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
84	c1w5iA_	Alignment	not modelled	89.3	21	**PDB header:**four helix bundle **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** aba does not affect topology of pli.
85	c1gcmC_	Alignment	not modelled	89.3	17	**PDB header:**transcription regulation **Chain:** C: **PDB Molecule:**gcn4p-ii; **PDBTitle:** gcn4 leucine zipper core mutant p-li
86	c1gclA_	Alignment	not modelled	89.2	21	**PDB header:**leucine zipper **Chain:** A: **PDB Molecule:**gcn4; **PDBTitle:** gcn4 leucine zipper core mutant p-li
87	c1uo0A_	Alignment	not modelled	89.2	21	**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	c1swiB_	Alignment	not modelled	89.1	34	**PDB header:**leucine zipper **Chain:** B: **PDB Molecule:**gcn4p1; **PDBTitle:** gcn4-leucine zipper core mutant as n16a complexed with2 benzene
89	c2wq1A_	Alignment	not modelled	88.9	17	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper mutant with three ixxntxx motifs2 coordinating bromide
90	c2wq3A_	Alignment	not modelled	88.9	17	**PDB header:**transcription **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4 leucine zipper mutant with three ixxntxx motifs2 coordinating chloride and nitrate
91	c1uo0B_	Alignment	not modelled	88.9	21	**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
92	c3mkxC_	Alignment	not modelled	88.8	21	**PDB header:**antiviral protein **Chain:** C: **PDB Molecule:**bone marrow stromal antigen 2; **PDBTitle:** crystal structure of bst2/tetherin
93	c1unyB_	Alignment	not modelled	88.8	21	**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	c1gcmA_	Alignment	not modelled	88.8	17	**PDB header:**transcription regulation **Chain:** A: **PDB Molecule:**gcn4p-ii; **PDBTitle:** gcn4 leucine zipper core mutant p-li
95	c1gclD_	Alignment	not modelled	88.7	21	**PDB header:**leucine zipper **Chain:** D: **PDB Molecule:**gcn4; **PDBTitle:** gcn4 leucine zipper core mutant p-li
96	c1w5jD_	Alignment	not modelled	88.6	17	**PDB header:**four helix bundle **Chain:** D: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
97	c1w5jA_	Alignment	not modelled	88.6	17	**PDB header:**four helix bundle **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
98	c1w5jB_	Alignment	not modelled	88.6	17	**PDB header:**four helix bundle **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
99	c1w5jC_	Alignment	not modelled	88.6	17	**PDB header:**four helix bundle **Chain:** C: **PDB Molecule:**general control protein gcn4; **PDBTitle:** an anti-parallel four helix bundle
100	c1zimA_	Alignment	not modelled	88.3	34	**PDB header:**leucine zipper **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16gln in the trimeric2 state
101	c1uo5B_	Alignment	not modelled	88.2	21	**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
102	c2cceB_	Alignment	not modelled	88.2	21	**PDB header:**four helix bundle **Chain:** B: **PDB Molecule:**general control protein gcn4; **PDBTitle:** parallel configuration of pli e20s
103	d1r05a_	Alignment	not modelled	88.1	19	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
104	c1unwB_	Alignment	not modelled	88.0	17	**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
105	c1untA_	Alignment	not modelled	88.0	21	**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
106	c1ij3A_	Alignment	not modelled	88.0	34	**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

107	c1uo5A_	Alignment	not modelled	87.9	21	**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
108	c1rb4C_	Alignment	not modelled	87.9	36	**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
109	c2cceA_	Alignment	not modelled	87.9	21	**PDB header:**four helix bundle **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** parallel configuration of pli e20s
110	c1uo1A_	Alignment	not modelled	87.8	21	**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
111	c2wvrB_	Alignment	not modelled	87.7	23	**PDB header:**replication **Chain:** B: **PDB Molecule:**geminin; **PDBTitle:** human cdt1:geminin complex
112	d1nkpb_	Alignment	not modelled	87.7	14	**Fold:**HLH-like **Superfamily:**HLH, helix-loop-helix DNA-binding domain **Family:**HLH, helix-loop-helix DNA-binding domain
113	c1unuA_	Alignment	not modelled	87.7	21	**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
114	c1unuB_	Alignment	not modelled	87.7	21	**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
115	c1zikA_	Alignment	not modelled	87.5	34	**PDB header:**leucine zipper **Chain:** A: **PDB Molecule:**general control protein gcn4; **PDBTitle:** gcn4-leucine zipper core mutant asn16lys in the dimeric2 state
116	c1unxA_	Alignment	not modelled	87.2	17	**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
117	c1untB_	Alignment	not modelled	87.2	21	**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
118	c1gclB_	Alignment	not modelled	87.1	21	**PDB header:**leucine zipper **Chain:** B: **PDB Molecule:**gcn4; **PDBTitle:** gcn4 leucine zipper core mutant p-li
119	c1ihqA_	Alignment	not modelled	87.0	28	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**chimeric peptide glytm1bzip: tropomyosin alpha **PDBTitle:** glytm1bzip: a chimeric peptide model of the n-terminus of a2 rat short alpha tropomyosin with the n-terminus encoded by3 exon 1b
120	c3s4rB_	Alignment	not modelled	86.6	43	**PDB header:**structural protein **Chain:** B: **PDB Molecule:**vimentin; **PDBTitle:** crystal structure of vimentin coil1a/1b fragment with a stabilizing2 mutation