


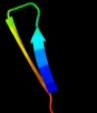

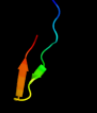
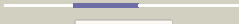


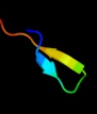


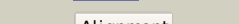

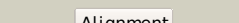

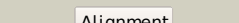



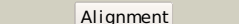
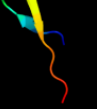


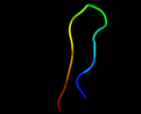








#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3bl4B_	 Alignment		18.2	38	PDB header: unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a protein with unknown function (arth_0117) from <i>arthritis bacter</i> sp. fb24 at 2.20 Å resolution
2	c1exuA_	 Alignment		13.9	40	PDB header: immune system Chain: A: PDB Molecule: igg receptor fcγr large subunit p51; PDBTitle: crystal structure of the human mhc-related fc receptor
3	c3of6D_	 Alignment		12.6	33	PDB header: immune system Chain: D: PDB Molecule: pre t-cell antigen receptor alpha; PDBTitle: human pre-t cell receptor crystal structure
4	c1de4A_	 Alignment		11.9	40	PDB header: metal transport inhibitor/receptor Chain: A: PDB Molecule: hemochromatosis protein; PDBTitle: hemochromatosis protein hfe complexed with transferrin receptor
5	c1s9vA_	 Alignment		11.5	20	PDB header: immune system Chain: A: PDB Molecule: hla class ii histocompatibility antigen, dq(3) PDBTitle: crystal structure of hla-dq2 complexed with deamidated2 gliadin peptide
6	c3jvgB_	 Alignment		11.0	33	PDB header: immune system Chain: B: PDB Molecule: t-cell surface glycoprotein cd1a1 antigen; PDBTitle: crystal structure of chicken cd1-1
7	c3bewD_	 Alignment		10.0	40	PDB header: immune system Chain: D: PDB Molecule: major histocompatibility complex class i PDBTitle: 10mer crystal structure of chicken mhc class i haplotype b21
8	c1nezA_	 Alignment		9.8	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, tla(c) alpha chain; PDBTitle: the crystal structure of a tl/cd8aa complex at 2.1 Å resolution: implications for memory t cell generation, co-receptor3 preference and affinity
9	c1f3jD_	 Alignment		9.7	27	PDB header: immune system Chain: D: PDB Molecule: h-2 class ii histocompatibility antigen; PDBTitle: histocompatibility antigen i-ag7
10	c3lqzA_	 Alignment		9.7	27	PDB header: immune system Chain: A: PDB Molecule: hla class ii histocompatibility antigen, dp alpha 1 chain; PDBTitle: crystal structure of hla-dp2
11	c2q6wD_	 Alignment		9.5	27	PDB header: immune system Chain: D: PDB Molecule: hla class ii histocompatibility antigen, dr PDBTitle: the structure of hla-dra, drb3*0101 (dr52a) with bound2 platelet integrin peptide associated with fetal and3 neonatal alloimmune thrombocytopenia

12	c2p24B_	Alignment		9.1	27	PDB header: immune system Chain: B: PDB Molecule: h-2 class ii histocompatibility antigen, a-u beta chain; PDBTitle: i-au/mbp125-135
13	c1mhcA_	Alignment		9.1	33	PDB header: histocompatibility antigen/peptide Chain: A: PDB Molecule: mhc class i antigen h2-m3; PDBTitle: model of mhc class i h2-m3 with nonapeptide from rat nd1 refined at2 2.3 angstroms resolution
14	c3fonA_	Alignment		9.0	33	PDB header: immune system Chain: A: PDB Molecule: mhc; PDBTitle: crystal structure of the class i mhc molecule h-2kwm7 with a single2 self peptide vndifeai
15	c2bc4C_	Alignment		8.9	27	PDB header: immune system Chain: C: PDB Molecule: hla class ii histocompatibility antigen, dm PDBTitle: crystal structure of hla-dm
16	c1legA_	Alignment		8.9	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb bound to the dev8 peptide
17	c1pqzA_	Alignment		8.8	17	PDB header: viral protein/immune system Chain: A: PDB Molecule: mcmv m144; PDBTitle: murine cytomegalovirus immunomodulatory protein m144
18	c1kjmA_	Alignment		8.8	33	PDB header: immune system Chain: A: PDB Molecule: rt1 class i histocompatibility antigen, aa alpha chain, PDBTitle: tap-a-associated rat mhc class i molecule
19	c1ilaA_	Alignment		8.7	40	PDB header: immune system Chain: A: PDB Molecule: neonatal fc receptor a; PDBTitle: crystal structure of the neonatal fc receptor complexed with a2 heterodimeric fc
20	c1fo0H_	Alignment		8.5	33	PDB header: immune system Chain: H: PDB Molecule: protein (allogeneic h-2kb mhc class i molecule); PDBTitle: murine alloreactive scfv tcr-peptide-mhc class i molecule2 complex
21	c2p24A_	Alignment	not modelled	8.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class ii histocompatibility antigen, a-u alpha chain; PDBTitle: i-au/mbp125-135
22	c3ebnD_	Alignment	not modelled	8.2	31	PDB header: hydrolase Chain: D: PDB Molecule: replicase polyprotein 1ab; PDBTitle: a special dimerization of sars-cov main protease c-terminal2 domain due to domain-swapping
23	c1p1zA_	Alignment	not modelled	8.2	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: x-ray crystal structure of the lectin-like natural killer2 cell receptor ly-49c bound to its mhc class i ligand h-2kb
24	c1zhbj_	Alignment	not modelled	8.2	33	PDB header: immune system Chain: J: PDB Molecule: h-2 class i histocompatibility antigen, d-b PDBTitle: crystal structure of the murine class i major2 histocompatibility complex of h-2db, b2-microglobulin, and3 a 9-residue peptide derived from rat dopamine beta-4 monooxygenase
25	c1kj2I_	Alignment	not modelled	8.1	33	PDB header: immune system Chain: I: PDB Molecule: allogeneic h-2kb mhc class i molecule; PDBTitle: murine alloreactive scfv tcr-peptide-mhc class i molecule complex
26	c2zswA_	Alignment	not modelled	8.1	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb in complex with the q600y variant of jhmv2 epitope s598
27	c2zswG_	Alignment	not modelled	8.1	33	PDB header: immune system Chain: G: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb in complex with the q600y variant of jhmv2 epitope s598
						PDB header: immune system

28	c2zswC_	Alignment	not modelled	8.1	33	Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb in complex with the q600y variant of jhmv2 epitope s598
29	c2zswE_	Alignment	not modelled	8.1	33	PDB header: immune system Chain: E: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb in complex with the q600y variant of jhmv2 epitope s598
30	c1kj3H_	Alignment	not modelled	7.8	33	PDB header: immune system Chain: H: PDB Molecule: h-2kb mhc class i molecule alpha chain; PDBTitle: mhc class i h-2kb molecule complexed with pkb1 peptide
31	d1khia2	Alignment	not modelled	7.5	42	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
32	c1t0mD_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: D: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: conformational switch in polymorphic h-2k molecules2 containing an hsv peptide
33	c1nanH_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: H: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: mch class i h-2kb molecule complexed with pbm1 peptide
34	c1kj3I_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: I: PDB Molecule: h-2kb mhc class i molecule alpha chain; PDBTitle: mhc class i h-2kb molecule complexed with pkb1 peptide
35	c1t0mA_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: conformational switch in polymorphic h-2k molecules2 containing an hsv peptide
36	c2zsvC_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kb in complex with jhmv epitope s598
37	c1nanL_	Alignment	not modelled	7.5	33	PDB header: immune system Chain: L: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: mch class i h-2kb molecule complexed with pbm1 peptide
38	c3bsuF_	Alignment	not modelled	7.4	40	PDB header: hydrolase/rna/dna Chain: F: PDB Molecule: ribonuclease h1; PDBTitle: hybrid-binding domain of human rnase h1 in complex with 12-2 mer rna/dna
39	c1qo3A_	Alignment	not modelled	7.2	33	PDB header: receptor/immune system Chain: A: PDB Molecule: mhc class i h-2dd heavy chain; PDBTitle: complex between nk cell receptor ly49a and its mhc class i2 ligand h-2dd
40	c1n59C_	Alignment	not modelled	7.1	33	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of the murine class i major histocompatibility2 complex of h-2kb, b2-microglobulin, and a 9-residue immunodominant3 peptide epitope gp33 derived from lcmv
41	c1kj2H_	Alignment	not modelled	7.1	33	PDB header: immune system Chain: H: PDB Molecule: allogeneic h-2kb mhc class i molecule; PDBTitle: murine alloreactive scfv tcr-peptide-mhc class i molecule complex
42	c1n59A_	Alignment	not modelled	7.1	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of the murine class i major histocompatibility2 complex of h-2kb, b2-microglobulin, and a 9-residue immunodominant3 peptide epitope gp33 derived from lcmv
43	c1s7sA_	Alignment	not modelled	7.1	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structures of the murine class i major histocompatibility2 complex h-2kb in complex with lcmv-derived gp33 index peptide and3 three of its escape variants
44	c1k5hB_	Alignment	not modelled	7.0	54	PDB header: oxidoreductase Chain: B: PDB Molecule: 1-deoxy-d-xylulose-5-phosphate reductoisomerase; PDBTitle: 1-deoxy-d-xylulose-5-phosphate reductoisomerase
45	c2k6rA_	Alignment	not modelled	6.9	40	PDB header: de novo protein Chain: A: PDB Molecule: full sequence design 1 synthetic superstable; PDBTitle: protein folding on a highly rugged landscape: experimental2 observation of glassy dynamics and structural frustration
46	c1lekA_	Alignment	not modelled	6.8	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of h-2kbm3 bound to dev8
47	c3bzeA_	Alignment	not modelled	6.8	33	PDB header: immune system Chain: A: PDB Molecule: hla class i histocompatibility antigen, alpha chain e; PDBTitle: the human non-classical major histocompatibility complex molecule hla-2 e
48	c3ml6D_	Alignment	not modelled	6.8	35	PDB header: protein transport Chain: D: PDB Molecule: chimeric complex between protein dishevelled2 homolog dvl-2 PDBTitle: a complex between dishevelled2 and clathrin adaptor ap-2
49	c1fmeA_	Alignment	not modelled	6.6	41	PDB header: de novo protein Chain: A: PDB Molecule: fsd-ey peptide; PDBTitle: solution structure of fsd-ey, a novel peptide assuming a2 beta-beta-alpha fold
						PDB header: immune system

50	c1ypzA_	Alignment	not modelled	6.5	33	Chain: A: PDB Molecule: h2-t22 protein; PDBTitle: immune receptor
51	c3d2uE_	Alignment	not modelled	6.5	35	PDB header: immune system Chain: E: PDB Molecule: ul18 protein; PDBTitle: structure of ul18, a peptide-binding viral mhc mimic, bound to a host2 inhibitory receptor
52	c1wbzC_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: crystal structures of murine mhc class i h-2 db and kb2 molecules in complex with cti epitopes from influenza a3 virus: implications for tcr repertoire selection and4 immunodominance
53	c1kpuA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: high resolution crystal structure of the mhc class i complex h-2 2kb/vsv8
54	c3cvhA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: how tcr-like antibody recognizes mhc-bound peptide
55	c1rk0A_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and herpes simplex virus glycoprotein b3 peptide
56	c2ckbl_	Alignment	not modelled	6.5	33	PDB header: major histocompatibility complex Chain: I: PDB Molecule: major histocompatibility complex class i PDBTitle: structure of the 2c/kb/dev8 complex
57	c1g6rl_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: I: PDB Molecule: major histocompatibility complex class i PDBTitle: a functional hot spot for antigen recognition in a2 superagonist tcr/mhc complex
58	c1bqhD_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: D: PDB Molecule: protein (h-2 class i histocompatibility antigen); PDBTitle: murine cd8aa ectodomain fragment in complex with h-2kb/vsv8
59	c2fo4A_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: enhanced mhc class i binding and immune responses through anchor2 modification of the non-canonical tumor associated muc1-8 peptide
60	c3c8kA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: the crystal structure of ly49c bound to h-2kb
61	c1oszA_	Alignment	not modelled	6.5	33	PDB header: complex (mhc i/peptide) Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and an (l4v) mutant of the vesicular3 stomatitis virus nucleoprotein
62	c1lk2A_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: 1.35a crystal structure of h-2kb complexed with the gnysfyal peptide
63	c1g6rH_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: H: PDB Molecule: major histocompatibility complex class i PDBTitle: a functional hot spot for antigen recognition in a2 superagonist tcr/mhc complex
64	c1kbqH_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: H: PDB Molecule: protein (major histocompatibility complex class i antigen PDBTitle: mhc class i h-2kb presented glycopeptide rgy8-6h-gal2
65	c1kpvA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: high resolution crystal structure of the mhc class i complex h-2 2kb/sev9
66	c1vadA_	Alignment	not modelled	6.5	33	PDB header: complex (mhc i/peptide) Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and yeast alpha-glucosidase
67	c1rk1A_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: mhc class i natural h-2kb heavy chain complexed with beta-22 microglobulin and herpes simplex virus mutant glycoprotein b peptide
68	c1g7pA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of mhc class i h-2kb heavy chain complexed with2 beta-2 microglobulin and yeast alpha-glucosidase
69	c2ckbH_	Alignment	not modelled	6.5	33	PDB header: major histocompatibility complex Chain: H: PDB Molecule: major histocompatibility complex class i PDBTitle: structure of the 2c/kb/dev8 complex
70	c2vabA_	Alignment	not modelled	6.5	33	PDB header: complex (mhc i/peptide) Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and sendai virus nucleoprotein
71	c3cvhM_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: M: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: how tcr-like antibody recognizes mhc-bound peptide
72	c1bqhA_	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: protein (h-2 class i histocompatibility antigen); PDBTitle: murine cd8aa ectodomain fragment in complex with h-2kb/vsv8
						PDB header: complex (mhc i/peptide)

73	c1vacA	Alignment	not modelled	6.5	33	Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and chicken ovalbumin
74	c2vaaA	Alignment	not modelled	6.5	33	PDB header: complex (mhc i/peptide) Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: mhc class i h-2kb heavy chain complexed with beta-22 microglobulin and vesicular stomatitis virus nucleoprotein
75	c1g7qA	Alignment	not modelled	6.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: crystal structure of mhc class i h-2kb heavy chain complexed with2 beta-2 microglobulin and muc1 vntr peptide sapdtrpa
76	d2i3ca1	Alignment	not modelled	6.3	22	Fold: Phosphorylase/hydrolase-like Superfamily: Zn-dependent exopeptidases Family: AstE/AspA-like
77	c1zs8C	Alignment	not modelled	6.3	33	PDB header: immune system Chain: C: PDB Molecule: histocompatibility 2, m region locus 10.5; PDBTitle: crystal structure of the murine mhc class ib molecule m10.5
78	c1fsvA	Alignment	not modelled	6.2	41	PDB header: beta beta alpha motif Chain: A: PDB Molecule: full sequence design 1 of beta beta alpha motif; PDBTitle: full sequence design 1 (fsd-1) of beta beta alpha motif,2 nmr, minimized average structure
79	c1fsdA	Alignment	not modelled	6.2	41	PDB header: novel sequence Chain: A: PDB Molecule: full sequence design 1 of beta beta alpha motif; PDBTitle: full sequence design 1 (fsd-1) of beta beta alpha motif,2 nmr, 41 structures
80	c1zt7C	Alignment	not modelled	6.0	33	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-k nonapeptide PDBTitle: crystal structure of class i mhc h-2kk in complex with a2
81	c3rgvC	Alignment	not modelled	6.0	33	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain; PDBTitle: a single tcr bound to mhci and mhc ii reveals switchable tcr2 conformers
82	c1i7rA	Alignment	not modelled	5.9	33	PDB header: immune system Chain: A: PDB Molecule: hla class i histocompatibility antigen, a-2 PDBTitle: crystal structure of class i mhc a2 in complex with peptide2 p1058
83	c3p73A	Alignment	not modelled	5.9	47	PDB header: immune system Chain: A: PDB Molecule: mhc rfp-y class i alpha chain; PDBTitle: crystal structures of the chicken yf1*7.1 molecule
84	c2clvA	Alignment	not modelled	5.8	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: mhc class i natural mutant h-2kbm8 heavy chain complexed2 with beta-2 microglobulin and pbm8 peptide
85	c1p4lA	Alignment	not modelled	5.7	33	PDB header: immune system Chain: A: PDB Molecule: mhc class i h-2kb heavy chain; PDBTitle: crystal structure of nk receptor ly49c mutant with its mhc2 class i ligand h-2kb
86	d2dga1	Alignment	not modelled	5.5	27	Fold: Ferredoxin-like Superfamily: RNA-binding domain, RBD Family: Canonical RBD
87	c1gzpA	Alignment	not modelled	5.5	20	PDB header: glycoprotein Chain: A: PDB Molecule: t-cell surface glycoprotein cd1b; PDBTitle: cd1b in complex with gm2 ganglioside
88	c1namH	Alignment	not modelled	5.5	33	PDB header: immune system Chain: H: PDB Molecule: h-2 class i histocompatibility antigen, k-b alpha chain PDBTitle: murine alloreactive scfv tcr-peptide-mhc class i molecule complex
89	c1wbzA	Alignment	not modelled	5.5	33	PDB header: immune system Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-b PDBTitle: crystal structures of murine mhc class i h-2 db and kb2 molecules in complex with cti epitopes from influenza a3 virus: implications for tcr repertoire selection and4 immunodominance
90	c3au9A	Alignment	not modelled	5.4	38	PDB header: isomerase/isomerase inhibitor Chain: A: PDB Molecule: 1-deoxy-d-xylulose 5-phosphate reductoisomerase; PDBTitle: crystal structure of the quaternary complex-1 of an isomerase
91	c1mwal	Alignment	not modelled	5.4	33	PDB header: immune system Chain: I: PDB Molecule: h-2kbm3 mhc class i molecule heavy chain; PDBTitle: 2c/h-2kbm3/dev8 allogeneic complex
92	c1mwaH	Alignment	not modelled	5.4	33	PDB header: immune system Chain: H: PDB Molecule: h-2kbm3 mhc class i molecule heavy chain; PDBTitle: 2c/h-2kbm3/dev8 allogeneic complex
93	c3hn5B	Alignment	not modelled	5.3	25	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative exported protein bf0290; PDBTitle: crystal structure of bf0290 (yp_210027.1) from bacteroides fragilis2 nctc 9343 at 1.70 a resolution
94	c1iaoB	Alignment	not modelled	5.3	27	PDB header: mhc ii Chain: B: PDB Molecule: mhc class ii i-ad; PDBTitle: class ii mhc i-ad in complex with ovalbumin peptide 323-339