




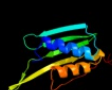






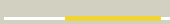










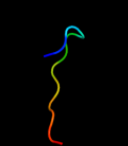
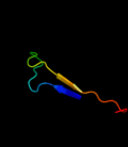

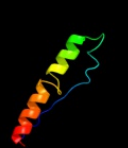




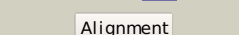




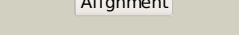
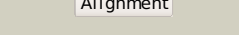
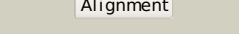
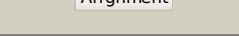


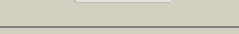


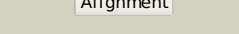
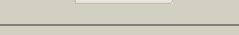
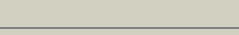

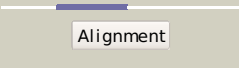
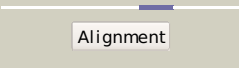
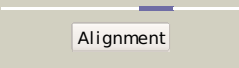
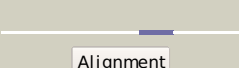

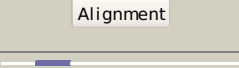
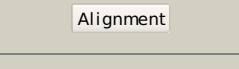
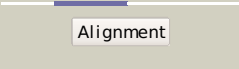
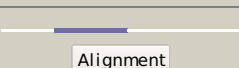

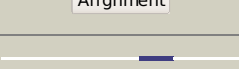
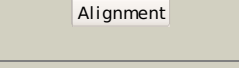
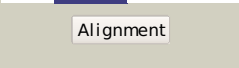
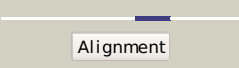
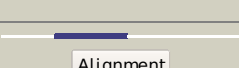
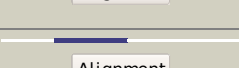
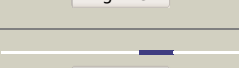
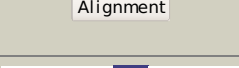
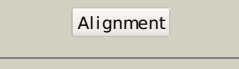
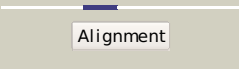
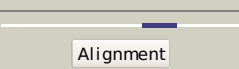

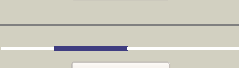
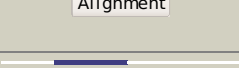


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2iiiA_	 Alignment		100.0	28	PDB header: lyase Chain: A: PDB Molecule: s-adenosylmethionine decarboxylase proenzyme; PDBTitle: crystal structure of the adenosylmethionine decarboxylase (aq_254)2 from aquifex aeolicus vf5
2	d1vr7a1	 Alignment		100.0	35	Fold: S-adenosylmethionine decarboxylase Superfamily: S-adenosylmethionine decarboxylase Family: Bacterial S-adenosylmethionine decarboxylase
3	c1vr7A_	 Alignment		100.0	35	PDB header: lyase Chain: A: PDB Molecule: s-adenosylmethionine decarboxylase proenzyme; PDBTitle: crystal structure of s-adenosylmethionine decarboxylase proenzyme2 (tm0655) from thermotoga maritima at 1.2 a resolution
4	c3iwdC_	 Alignment		99.7	39	PDB header: lyase Chain: C: PDB Molecule: s-adenosylmethionine decarboxylase; PDBTitle: t. maritima adometdc complex with 5'-deoxy-5'-dimethyl2 thioadenosine
5	c3iwdC_	 Alignment		98.9	22	PDB header: lyase Chain: D: PDB Molecule: s-adenosylmethionine decarboxylase; PDBTitle: t. maritima adometdc complex with s-adenosylmethionine2 methyl ester
6	c1mhmA_	 Alignment		81.8	24	PDB header: lyase Chain: A: PDB Molecule: s-adenosylmethionine decarboxylase; PDBTitle: crystal structure of s-adenosylmethionine decarboxylase2 from potato
7	c3ep3A_	 Alignment		79.9	26	PDB header: lyase Chain: A: PDB Molecule: s-adenosylmethionine decarboxylase alpha chain; PDBTitle: human adometdc d174n mutant with no putrescine bound
8	c3somO_	 Alignment		58.8	30	PDB header: oxidoreductase Chain: O: PDB Molecule: methylmalonic aciduria and homocystinuria type c protein; PDBTitle: crystal structure of human mmachc
9	c1msvB_	 Alignment		54.9	26	PDB header: lyase Chain: B: PDB Molecule: s-adenosylmethionine decarboxylase proenzyme; PDBTitle: the s68a s-adenosylmethionine decarboxylase proenzyme2 processing mutant.
10	d1jl0a_	 Alignment		50.2	28	Fold: S-adenosylmethionine decarboxylase Superfamily: S-adenosylmethionine decarboxylase Family: S-adenosylmethionine decarboxylase
11	c2lb0A_	 Alignment		41.7	17	PDB header: signaling protein/transcription Chain: A: PDB Molecule: e3 ubiquitin-protein ligase smurf1; PDBTitle: structure of the first ww domain of human smurf1 in complex with a di-2 phosphorylated human smad1 derived peptide

12	dlu58a1	Alignment		39.9	19	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: C1 set domains (antibody constant domain-like)
13	c2lazzA	Alignment		39.4	17	PDB header: signaling protein/transcription Chain: A: PDB Molecule: e3 ubiquitin-protein ligase smurf1; PDBTitle: structure of the first ww domain of human smurf1 in complex with a2 mono-phosphorylated human smad1 derived peptide
14	c3c6kC	Alignment		34.5	32	PDB header: transferase Chain: C: PDB Molecule: spermine synthase; PDBTitle: crystal structure of human spermine synthase in complex2 with spermidine and 5-methylthioadenosine
15	c1d9kD	Alignment		32.8	21	PDB header: immune system Chain: D: PDB Molecule: mhc i-ak b chain (beta chain); PDBTitle: crystal structure of complex between d10 tcr and pmhc i-ak/ca
16	c3k1hA	Alignment		31.8	19	PDB header: chaperone Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of hp1076 from h.pylori
17	c2l4jA	Alignment		31.7	25	PDB header: transcription Chain: A: PDB Molecule: yes-associated protein 2 (yap2); PDBTitle: yap ww2
18	d1mh5h2	Alignment		29.2	22	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: C1 set domains (antibody constant domain-like)
19	d2f21a1	Alignment		26.9	17	Fold: WW domain-like Superfamily: WW domain Family: WW domain
20	c2kl5A	Alignment		26.3	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein yutd; PDBTitle: solution nmr structure of protein yutd from b.subtilis, northeast2 structural genomics consortium target sr232
21	cliaoB	Alignment	not modelled	26.2	21	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
22	cliebD	Alignment	not modelled	23.8	24	PDB header: histocompatibility antigen Chain: D: PDB Molecule: mhc class ii i-ek; PDBTitle: histocompatibility antigen
23	c2q6wD	Alignment	not modelled	23.3	19	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
24	c2kq0A	Alignment	not modelled	22.3	50	PDB header: ligase Chain: A: PDB Molecule: e3 ubiquitin-protein ligase nedd4; PDBTitle: human nedd4 3rd ww domain complex with ebola zaire virus matrix2 protein vp40 derived peptide ilptappeyme
25	c1pqzA	Alignment	not modelled	21.6	19	PDB header: viral protein/immune system Chain: A: PDB Molecule: mcmv m144; PDBTitle: murine cytomegalovirus immunomodulatory protein m144
26	c2p24A	Alignment	not modelled	20.0	16	PDB header: immune system Chain: A: PDB Molecule: h-2 class ii histocompatibility antigen, a-u alpha chain; PDBTitle: i-au/mbp125-135
27	c3lqzA	Alignment	not modelled	18.7	22	PDB header: immune system Chain: A: PDB Molecule: hla class ii histocompatibility antigen, dp alpha 1 chain; PDBTitle: crystal structure of hla-dp2
28	d2jmfal	Alignment	not modelled	17.9	31	Fold: WW domain-like Superfamily: WW domain Family: WW domain

29	c2jmfA_		Alignment	not modelled	17.6	33	PDB header: ligase/signaling protein Chain: A: PDB Molecule: e3 ubiquitin-protein ligase suppressor of deltex; PDBTitle: solution structure of the su(dx) ww4- notch py peptide2 complex
30	c2xm5A_		Alignment	not modelled	17.1	29	PDB header: transferase Chain: A: PDB Molecule: cloq; PDBTitle: structural and mechanistic analysis of the magnesium-2 independent aromatic prenyltransferase cloq from the3 clorobiocin biosynthetic pathway
31	c2p24B_		Alignment	not modelled	16.7	21	PDB header: immune system Chain: B: PDB Molecule: h-2 class ii histocompatibility antigen, a-u beta chain; PDBTitle: i-au/mbp125-135
32	clik9C_		Alignment	not modelled	16.2	33	PDB header: gene regulation/ligase Chain: C: PDB Molecule: dna ligase iv; PDBTitle: crystal structure of a xrcc4-dna ligase iv complex
33	clwr4A_		Alignment	not modelled	16.0	23	PDB header: ligase Chain: A: PDB Molecule: ubiquitin-protein ligase nedd4-2; PDBTitle: solution structure of the second ww domain of nedd4-2
34	clymzA_		Alignment	not modelled	15.8	15	PDB header: unknown function Chain: A: PDB Molecule: cc45; PDBTitle: cc45, an artificial ww domain designed using statistical2 coupling analysis
35	clzhbj_		Alignment	not modelled	15.8	17	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
36	c2ez5W_		Alignment	not modelled	15.5	40	PDB header: signalling protein,ligase Chain: W: PDB Molecule: e3 ubiquitin-protein ligase nedd4; PDBTitle: solution structure of the dnedd4 ww3* domain- comm lpsy2 peptide complex
37	c2ysbA_		Alignment	not modelled	15.0	38	PDB header: protein binding Chain: A: PDB Molecule: salvador homolog 1 protein; PDBTitle: solution structure of the first ww domain from the mouse2 salvador homolog 1 protein (sav1)
38	cle0mA_		Alignment	not modelled	15.0	23	PDB header: de novo protein Chain: A: PDB Molecule: wwprototype; PDBTitle: prototype ww domain
39	dli5hw_		Alignment	not modelled	14.8	27	Fold: WW domain-like Superfamily: WW domain Family: WW domain
40	c2zajA_		Alignment	not modelled	14.7	25	PDB header: protein binding Chain: A: PDB Molecule: membrane-associated guanylate kinase, ww and pdz PDBTitle: solution structure of the short-isoform of the second ww2 domain from the human membrane-associated guanylate kinase,3 ww and pdz domain-containing protein 1 (magi-1)
41	c2yshA_		Alignment	not modelled	14.6	8	PDB header: protein binding Chain: A: PDB Molecule: growth-arrest-specific protein 7; PDBTitle: solution structure of the ww domain from the human growth-2 arrest-specific protein 7, gas-7
42	clyiuA_		Alignment	not modelled	14.6	42	PDB header: ligase Chain: A: PDB Molecule: itchy e3 ubiquitin protein ligase; PDBTitle: itch e3 ubiquitin ligase ww3 domain
43	clv1cA_		Alignment	not modelled	14.0	29	PDB header: sh3-domain Chain: A: PDB Molecule: obscurin; PDBTitle: solution structure of the sh3 domain of obscurin
44	d1tk7a2		Alignment	not modelled	14.0	33	Fold: WW domain-like Superfamily: WW domain Family: WW domain
45	clwmvA_		Alignment	not modelled	13.0	46	PDB header: oxidoreductase, apoptosis Chain: A: PDB Molecule: ww domain containing oxidoreductase; PDBTitle: solution structure of the second ww domain of wwox
46	c3l4hA_		Alignment	not modelled	13.0	38	PDB header: protein binding Chain: A: PDB Molecule: e3 ubiquitin-protein ligase hecwl1; PDBTitle: helical box domain and second ww domain of the human e3 ubiquitin-2 protein ligase hecwl1
47	c2clvA_		Alignment	not modelled	12.9	16	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
48	d1k9ra_		Alignment	not modelled	12.9	25	Fold: WW domain-like Superfamily: WW domain Family: WW domain
49	c2ysgA_		Alignment	not modelled	12.7	42	PDB header: protein binding Chain: A: PDB Molecule: syntaxin-binding protein 4; PDBTitle: solution structure of the ww domain from the human syntaxin-2 binding protein 4
50	c2dmvA_		Alignment	not modelled	12.1	31	PDB header: ligase Chain: A: PDB Molecule: itchy homolog e3 ubiquitin protein ligase; PDBTitle: solution structure of the second ww domain of itchy homolog2 e3 ubiquitin protein ligase (itch)
51	c2djyA_		Alignment	not modelled	11.7	27	PDB header: ligase/signaling protein Chain: A: PDB Molecule: smad ubiquitination regulatory factor 2; PDBTitle: solution structure of smurf2 ww3 domain-smad7 py peptide2 complex
52	c2lawA_		Alignment	not modelled	11.6	23	PDB header: signaling protein/transcription Chain: A: PDB Molecule: yorkie homolog; PDBTitle: structure of the second ww domain from human yap in complex with a2 human smad1 derived peptide
53	c3zr8X_		Alignment	not modelled	10.9	16	PDB header: protein binding Chain: X: PDB Molecule: avr3a11; PDBTitle: crystal structure of rxlr effector avr3a11 from phytophthora capsici

54	d2nnab1		not modelled	10.9	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: C1 set domains (antibody constant domain-like)
55	c1wr7A_		not modelled	10.8	43	PDB header: ligase Chain: A: PDB Molecule: nedd4-2; PDBTitle: solution structure of the third ww domain of nedd4-2
56	d1tk7a1		not modelled	10.7	17	Fold: WW domain-like Superfamily: WW domain Family: WW domain
57	c2yscA_		not modelled	10.6	9	PDB header: protein binding Chain: A: PDB Molecule: amyloid beta a4 precursor protein-binding family PDBTitle: solution structure of the ww domain from the human amyloid2 beta a4 precursor protein-binding family b member 3, apbb3
58	c2dwvB_		not modelled	10.5	17	PDB header: protein binding Chain: B: PDB Molecule: salvador homolog 1 protein; PDBTitle: solution structure of the second ww domain from mouse2 salvador homolog 1 protein (mww45)
59	c3zv0A_		not modelled	10.5	19	PDB header: cell cycle Chain: A: PDB Molecule: protein shq1; PDBTitle: structure of the shq1p-cbf5p complex
60	c2yf6A_		not modelled	10.2	19	PDB header: immune system Chain: A: PDB Molecule: major histocompatibility complex class i glycoprotein PDBTitle: complex of a b21 chicken mhc class i molecule and a 10mer2 chicken peptide
61	c3bzeA_		not modelled	10.2	17	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
62	d1ynja1		not modelled	10.1	37	Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
63	c2ysfA_		not modelled	9.8	29	PDB header: protein binding Chain: A: PDB Molecule: e3 ubiquitin-protein ligase itchy homolog; PDBTitle: solution structure of the fourth ww domain from the human2 e3 ubiquitin-protein ligase itchy homolog, itch
64	c1zt7C_		not modelled	9.5	16	PDB header: immune system Chain: C: PDB Molecule: h-2 class i histocompatibility antigen, k-k PDBTitle: crystal structure of class i mhc h-2kk in complex with a2 nonapeptide
65	c3ssbj_		not modelled	9.1	41	PDB header: hydrolase/hydrolase inhibitor Chain: J: PDB Molecule: inducible metalloproteinase inhibitor protein; PDBTitle: structure of insect metalloproteinase inhibitor in complex with2 thermolysin
66	c1sebB_		not modelled	8.7	21	PDB header: complex (mhc ii/peptide/toxin) Chain: B: PDB Molecule: hla class ii histocompatibility antigen; PDBTitle: complex of the human mhc class ii glycoprotein hla-dr1 and2 the bacterial superantigen seb
67	c1ypzA_		not modelled	8.3	17	PDB header: immune system Chain: A: PDB Molecule: h2-t22 protein; PDBTitle: immune receptor
68	c2kykA_		not modelled	8.3	31	PDB header: ligase Chain: A: PDB Molecule: e3 ubiquitin-protein ligase itchy homolog; PDBTitle: the sandwich region between two Imp2a py motif regulates the2 interaction between alp4ww2domain and py motif
69	d1twfj_		not modelled	8.3	14	Fold: DNA/RNA-binding 3-helical bundle Superfamily: RNA polymerase subunit RPB10 Family: RNA polymerase subunit RPB10
70	c3g27A_		not modelled	7.7	58	PDB header: protein binding Chain: A: PDB Molecule: 82 prophage-derived uncharacterized protein ybco; PDBTitle: structure of a putative bacteriophage protein from escherichia coli2 str. k-12 substr. mg1655
71	c2le2B_		not modelled	7.7	26	PDB header: hydrolase inhibitor Chain: B: PDB Molecule: p56; PDBTitle: novel dimeric structure of phage phi29-encoded protein p56: insights2 into uracil-dna glycosylase inhibition
72	c3lqzB_		not modelled	7.6	19	PDB header: immune system Chain: B: PDB Molecule: hla-dp2 beta chain linked with dra peptide; PDBTitle: crystal structure of hla-dp2
73	c1s9vA_		not modelled	7.3	21	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
74	c1f3jD_		not modelled	7.1	17	PDB header: immune system Chain: D: PDB Molecule: h-2 class ii histocompatibility antigen; PDBTitle: histocompatibility antigen i-ag7
75	c2ysdA_		not modelled	6.8	40	PDB header: protein binding Chain: A: PDB Molecule: membrane-associated guanylate kinase, ww and pdz PDBTitle: solution structure of the first ww domain from the human2 membrane-associated guanylate kinase, ww and pdz domain-3 containing protein 1. magi-1
76	d1xoda1		not modelled	6.8	11	Fold: PH domain-like barrel Superfamily: PH domain-like Family: Enabled/VASP homology 1 domain (EVH1 domain)
77	c2kxqA_		not modelled	6.8	33	PDB header: protein binding Chain: A: PDB Molecule: e3 ubiquitin-protein ligase smurf2; PDBTitle: solution structure of smurf2 ww2 and ww3 bound to

					smad7 py motif2 containing peptide
78	c1p4lA_	Alignment	not modelled	6.8	16 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
79	c1cd1C_	Alignment	not modelled	6.7	18 PDB header: cd1 Chain: C: PDB Molecule: cd1; PDBTitle: cd1(mouse) antigen presenting molecule
80	d1kn6a_	Alignment	not modelled	6.4	24 Fold: Ferredoxin-like Superfamily: Protease propeptides/inhibitors Family: Prohormone convertase 1 pro-domain
81	c2l2lA_	Alignment	not modelled	6.3	29 PDB header: transferase Chain: A: PDB Molecule: transcriptional repressor p66-alpha; PDBTitle: solution structure of the coiled-coil complex between mbd2 and2 p66alpha
82	c2fwoA_	Alignment	not modelled	6.3	16 PDB header: immune system/viral protein Chain: A: PDB Molecule: h-2 class i histocompatibility antigen, k-d PDBTitle: mhc class i h-2kd heavy chain in complex with beta-2 2microglobulin and peptide derived from influenza3 nucleoprotein
83	c2j42A_	Alignment	not modelled	6.2	22 PDB header: toxin Chain: A: PDB Molecule: c2 toxin component-ii; PDBTitle: low quality crystal structure of the transport component c2-2 ii of the c2-toxin from clostridium botulinum
84	d1bdfa1	Alignment	not modelled	6.1	37 Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
85	d1mr1c_	Alignment	not modelled	5.8	20 Fold: SAND domain-like Superfamily: SAND domain-like Family: SMAD4-binding domain of oncoprotein Ski
86	c1xz0A_	Alignment	not modelled	5.7	18 PDB header: immune system Chain: A: PDB Molecule: t-cell surface glycoprotein cd1a; PDBTitle: crystal structure of cd1a in complex with a synthetic mycobactin2 lipopeptide
87	c2ysiA_	Alignment	not modelled	5.6	8 PDB header: protein binding Chain: A: PDB Molecule: transcription elongation regulator 1; PDBTitle: solution structure of the first ww domain from the mouse2 transcription elongation regulator 1, transcription factor3 ca150
88	c2f0cC_	Alignment	not modelled	5.4	20 PDB header: virus/viral protein Chain: C: PDB Molecule: phage tp901-1 orf49 (bpp); PDBTitle: structure of the receptor binding protein (orf49, bpp) from lactophage2 tp901-1
89	c1mwaH_	Alignment	not modelled	5.2	16 PDB header: immune system Chain: H: PDB Molecule: h-2kbm3 mhc class i molecule heavy chain; PDBTitle: 2c/h-2kbm3/dev8 allogeneic complex
90	c1mwai_	Alignment	not modelled	5.2	16 PDB header: immune system Chain: I: PDB Molecule: h-2kbm3 mhc class i molecule heavy chain; PDBTitle: 2c/h-2kbm3/dev8 allogeneic complex
91	c1zt4C_	Alignment	not modelled	5.2	18 PDB header: immune system Chain: C: PDB Molecule: t-cell surface glycoprotein cd1d; PDBTitle: the crystal structure of human cd1d with and without alpha-2 galactosylceramide
92	d1smya1	Alignment	not modelled	5.2	37 Fold: DCoH-like Superfamily: RBP11-like subunits of RNA polymerase Family: RNA polymerase alpha subunit dimerisation domain
93	d1d5mb1	Alignment	not modelled	5.2	21 Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: C1 set domains (antibody constant domain-like)