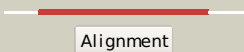

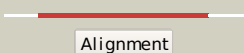

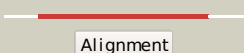
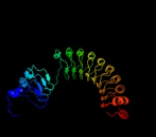
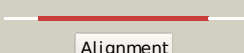
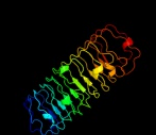


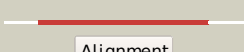
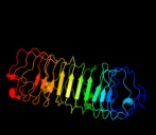
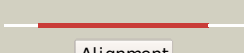
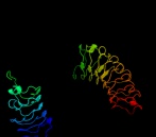
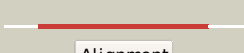


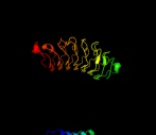




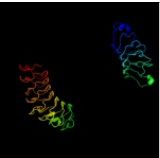
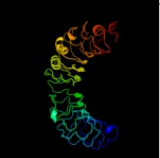
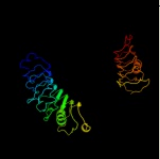
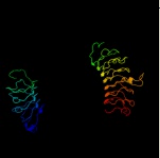
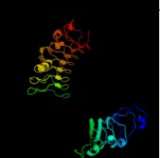
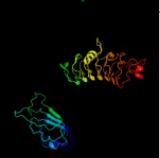
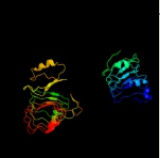

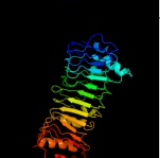
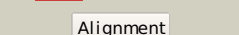

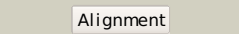
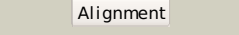
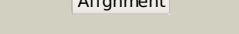
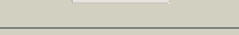



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2ft3B_	 Alignment		100.0	13	PDB header: structural protein, signaling protein Chain: B: PDB Molecule: biglycan; PDBTitle: crystal structure of the biglycan dimer core protein
2	c3ojaB_	 Alignment		100.0	15	PDB header: protein binding Chain: B: PDB Molecule: anopheles plasmodium-responsive leucine-rich repeat protein PDBTitle: crystal structure of Irim1/apl1c complex
3	d2omza2	 Alignment		100.0	14	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Internalin LRR domain
4	c1xkuA_	 Alignment		100.0	15	PDB header: structural protein Chain: A: PDB Molecule: decorin; PDBTitle: crystal structure of the dimeric protein core of decorin, the2 archetypal small leucine-rich repeat proteoglycan
5	d1xkua_	 Alignment		100.0	15	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
6	c2id5D_	 Alignment		100.0	13	PDB header: ligand binding protein, membrane protein Chain: D: PDB Molecule: leucine rich repeat neuronal 6a; PDBTitle: crystal structure of the lingo-1 ectodomain
7	c2z63A_	 Alignment		100.0	14	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 4, variable lymphocyte receptor b; PDBTitle: crystal structure of the tv8 hybrid of human tlr4 and hagfish vlrb.61
8	c2omwA_	 Alignment		100.0	15	PDB header: cell invasion/cell adhesion Chain: A: PDB Molecule: internalin-a; PDBTitle: crystal structure of inla s192n y369s/mec1 complex
9	c2z64A_	 Alignment		100.0	16	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 4; PDBTitle: crystal structure of mouse tlr4 and mouse md-2 complex
10	c3o6nA_	 Alignment		100.0	15	PDB header: protein binding Chain: A: PDB Molecule: apl1; PDBTitle: crystal structure of apl1 leucine-rich repeat domain
11	c3fxiA_	 Alignment		99.9	15	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 4; PDBTitle: crystal structure of the human tlr4-human md-2-e.coli lps ra complex

12	c1ziwA_	Alignment		99.9	17	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 3; PDBTitle: human toll-like receptor 3 extracellular domain structure
13	c3rg1l_	Alignment		99.9	11	PDB header: immune system Chain: I: PDB Molecule: cd180 molecule; PDBTitle: crystal structure of the rp105/md-1 complex
14	c3a79A_	Alignment		99.9	16	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 2, variable lymphocyte receptor b; PDBTitle: crystal structure of tlr2-tlr6-pam2csk4 complex
15	c2a0zA_	Alignment		99.9	18	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 3; PDBTitle: the molecular structure of toll-like receptor 3 ligand binding domain
16	c2z7xB_	Alignment		99.9	18	PDB header: immune system Chain: B: PDB Molecule: toll-like receptor 1, variable lymphocyte receptor b; PDBTitle: crystal structure of the tlr1-tlr2 heterodimer induced by binding of a2 tri-acylated lipopeptide
17	c3a79B_	Alignment		99.9	15	PDB header: immune system Chain: B: PDB Molecule: toll-like receptor 6, variable lymphocyte receptor b; PDBTitle: crystal structure of tlr2-tlr6-pam2csk4 complex
18	c3rgxA_	Alignment		99.9	21	PDB header: transferase Chain: A: PDB Molecule: protein brassinosteroid insensitive 1; PDBTitle: structural insight into brassinosteroid perception by bri1
19	c2z81A_	Alignment		99.9	16	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 2, variable lymphocyte receptor b; PDBTitle: crystal structure of the tlr1-tlr2 heterodimer induced by binding of a2 tri-acylated lipopeptide
20	c2z80A_	Alignment		99.9	15	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 2, variable lymphocyte receptor b; PDBTitle: crystal structure of the tlr1-tlr2 heterodimer induced by binding of a2 tri-acylated lipopeptide
21	c1g9uA_	Alignment	not modelled	99.9	13	PDB header: toxin Chain: A: PDB Molecule: outer protein yopm; PDBTitle: crystal structure of yopm-leucine rich effector protein from yersinia2 pestis
22	d1jl5a_	Alignment	not modelled	99.9	13	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Leucine rich effector protein YopM
23	c3bz5A_	Alignment	not modelled	99.9	13	PDB header: cell adhesion Chain: A: PDB Molecule: internalin-j; PDBTitle: functional domain of inlj from listeria monocytogenes2 includes a cysteine ladder
24	c3j0aB_	Alignment	not modelled	99.9	15	PDB header: immune system Chain: B: PDB Molecule: toll-like receptor 5; PDBTitle: homology model of human toll-like receptor 5 fitted into an electron2 microscopy single particle reconstruction
25	d1ogqa_	Alignment	not modelled	99.9	13	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Polygalacturonase inhibiting protein PGIP
26	d1p9ag_	Alignment	not modelled	99.9	19	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
27	c2z62A_	Alignment	not modelled	99.9	14	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 4, variable lymphocyte receptor b; PDBTitle: crystal structure of the tv3 hybrid of human tlr4 and hagfish vlrb.61
28	c2o6qA_	Alignment	not modelled	99.9	19	PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor a; PDBTitle: structural diversity of the hagfish variable lymphocyte2

					receptors a29
29	c3m18A_	Alignment	not modelled	99.8	16 PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor a diversity region; PDBTitle: crystal structure of variable lymphocyte receptor vlr.a.r2.1 in complex2 with hen egg lysozyme
30	c3o53A_	Alignment	not modelled	99.8	16 PDB header: protein binding Chain: A: PDB Molecule: protein Irim1; PDBTitle: crystal structure of Irim1 leucine-rich repeat domain
31	d1xwdc1	Alignment	not modelled	99.8	11 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
32	c1ookG_	Alignment	not modelled	99.8	15 PDB header: hydrolase Chain: G: PDB Molecule: platelet glycoprotein ib alpha chain precursor; PDBTitle: crystal structure of the complex of platelet receptor gpib-alpha and2 human alpha-thrombin
33	c3ojaA_	Alignment	not modelled	99.8	16 PDB header: protein binding Chain: A: PDB Molecule: leucine-rich immune molecule 1; PDBTitle: crystal structure of Irim1/apl1c complex
34	c3g04C_	Alignment	not modelled	99.8	17 PDB header: immune system Chain: C: PDB Molecule: thyrotropin receptor; PDBTitle: crystal structure of the tsh receptor in complex with a thyroid-2 stimulating autoantibody
35	d2bnha_	Alignment	not modelled	99.8	10 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: 28-residue LRR
36	c1m9sA_	Alignment	not modelled	99.8	15 PDB header: signaling protein Chain: A: PDB Molecule: internalin b; PDBTitle: crystal structure of internalin b (inlb), a listeria2 monocytogenes virulence protein containing sh3-like3 domains.
37	d1ozna_	Alignment	not modelled	99.8	12 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
38	c3e6jA_	Alignment	not modelled	99.8	23 PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor diversity region; PDBTitle: crystal structure of variable lymphocyte receptor (vlr) rbc36 in2 complex with h-trisaccharide
39	c1h6uA_	Alignment	not modelled	99.8	14 PDB header: cell adhesion Chain: A: PDB Molecule: internalin h; PDBTitle: internalin h: crystal structure of fused n-terminal2 domains.
40	c3g06A_	Alignment	not modelled	99.8	16 PDB header: ligase Chain: A: PDB Molecule: ssph2 (leucine-rich repeat protein); PDBTitle: the salmonella virulence effector ssph2 functions as a2 novel e3 ligase
41	c1ltxA_	Alignment	not modelled	99.8	27 PDB header: transferase/protein binding Chain: A: PDB Molecule: rab geranylgeranyltransferase alpha subunit; PDBTitle: structure of rab escort protein-1 in complex with rab2 geranylgeranyl transferase and isoprenoid
42	c2y5qA_	Alignment	not modelled	99.8	23 PDB header: protein binding Chain: A: PDB Molecule: internalin b; PDBTitle: listeria monocytogenes inlb (internalin b) residues 36-392
43	c2o6sA_	Alignment	not modelled	99.8	21 PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor b; PDBTitle: structural diversity of the hagfish variable lymphocyte2 receptors b59
44	d1z7xw1	Alignment	not modelled	99.8	7 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: 28-residue LRR
45	d1h6ua2	Alignment	not modelled	99.8	18 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Internalin LRR domain
46	c1otnA_	Alignment	not modelled	99.7	10 PDB header: cell adhesion Chain: A: PDB Molecule: internalin b; PDBTitle: calcium-binding mutant of the internalin b lrr domain
47	c3cvrA_	Alignment	not modelled	99.7	24 PDB header: ligase Chain: A: PDB Molecule: invasion plasmid antigen; PDBTitle: crystal structure of the full length ipah3
48	c2z66A_	Alignment	not modelled	99.7	14 PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor b, toll-like receptor 4; PDBTitle: crystal structure of the vt3 hybrid of human tlr4 and hagfish vlrb.61
49	c2xotA_	Alignment	not modelled	99.7	20 PDB header: cell adhesion Chain: A: PDB Molecule: amphoterin-induced protein 1; PDBTitle: crystal structure of neuronal leucine rich repeat protein amigo-1
50	c2uzyA_	Alignment	not modelled	99.7	18 PDB header: signaling protein/receptor Chain: A: PDB Molecule: internalin b; PDBTitle: structure of the human receptor tyrosine kinase met in2 complex with the listeria monocytogenes invasion protein3 inlb: low resolution, crystal form ii
51	d2ca6a1	Alignment	not modelled	99.7	10 Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: Rna1p (RanGAP1), N-terminal domain
52	c1k5dL_	Alignment	not modelled	99.7	9 PDB header: signaling protein/signaling activator Chain: L: PDB Molecule: ran gtpase activating protein 1; PDBTitle: crystal structure of ran-gppnhp-ranbp1-rangap complex
					Fold: Leucine-rich repeat, LRR (right-handed beta-alpha

53	d1h6ta2	Alignment	not modelled	99.7	21	superhelix) Superfamily: L domain-like Family: Internalin LRR domain
54	c1xeuA	Alignment	not modelled	99.7	23	PDB header: cell invasion Chain: A: PDB Molecule: internalin c; PDBTitle: crystal structure of internalin c from listeria2 monocytogenes
55	d2omxa2	Alignment	not modelled	99.6	22	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Internalin LRR domain
56	c3gozA	Alignment	not modelled	99.6	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: leucine-rich repeat-containing protein; PDBTitle: crystal structure of the leucine-rich repeat-containing2 protein legl7 from legionella pneumophila. northeast3 structural genomics consortium target lgr148
57	c2r9uC	Alignment	not modelled	99.6	22	PDB header: immune system Chain: C: PDB Molecule: variable lymphocyte receptor; PDBTitle: crystal structure of lamprey variable lymphocyte receptor 29132 ectodomain
58	c1wwlA	Alignment	not modelled	99.6	18	PDB header: immune system Chain: A: PDB Molecule: monocyte differentiation antigen cd14; PDBTitle: crystal structure of cd14
59	c2v9sC	Alignment	not modelled	99.5	16	PDB header: structural protein Chain: C: PDB Molecule: slit homolog 2 protein n-product; PDBTitle: second lrr domain of human slit2
60	c2o6rA	Alignment	not modelled	99.5	37	PDB header: immune system Chain: A: PDB Molecule: variable lymphocyte receptor b; PDBTitle: structural diversity of the hagfish variable lymphocyte2 receptors b61
61	c2v70D	Alignment	not modelled	99.5	17	PDB header: structural protein Chain: D: PDB Molecule: slit homolog 2 protein n-product; PDBTitle: third lrr domain of human slit2
62	c2wfhB	Alignment	not modelled	99.5	15	PDB header: splicing Chain: B: PDB Molecule: slit homolog 2 protein c-product; PDBTitle: the human slit 2 dimerization domain d4
63	d1w8aa	Alignment	not modelled	99.5	21	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
64	c2ifgB	Alignment	not modelled	99.4	18	PDB header: transferase Chain: B: PDB Molecule: high affinity nerve growth factor receptor; PDBTitle: structure of the extracellular segment of human trka in complex with2 nerve growth factor
65	d2astb2	Alignment	not modelled	99.4	16	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: Cyclin A/CDK2-associated p19, Skp2
66	c3g3aA	Alignment	not modelled	99.4	22	PDB header: hydrolase/immune system Chain: A: PDB Molecule: variable lymphocyte receptor vlrb.2d; PDBTitle: structure of a lamprey variable lymphocyte receptor in2 complex with a protein antigen
67	d1dcea3	Alignment	not modelled	99.4	42	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Rab geranylgeranyltransferase alpha-subunit, C-terminal domain
68	c2je0E	Alignment	not modelled	99.3	21	PDB header: nuclear protein Chain: E: PDB Molecule: acidic leucine-rich nuclear phosphoprotein 32 family PDBTitle: crystal structure of pp32
69	d1fs2a2	Alignment	not modelled	99.2	20	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: Cyclin A/CDK2-associated p19, Skp2
70	c2ra8A	Alignment	not modelled	99.0	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein q64v53_bacfr; PDBTitle: crystal structure of the q64v53_bacfr protein from bacteroides2 fragilis. northeast structural genomics consortium target bfr43
71	c3sb4B	Alignment	not modelled	99.0	12	PDB header: protein binding Chain: B: PDB Molecule: hypothetical leucine rich repeat protein; PDBTitle: crystal structure of a hypothetical leucine rich repeat protein2 (bt_1240) from bacteroides thetaiotaomicron vpi-5482 at 1.99 a3 resolution
72	d1a9na	Alignment	not modelled	99.0	16	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: U2A'-like
73	d2ifga3	Alignment	not modelled	99.0	18	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: Ngr ectodomain-like
74	d1m9la	Alignment	not modelled	98.5	19	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: Outer arm dynein light chain 1 Family: Outer arm dynein light chain 1
75	c3rfeB	Alignment	not modelled	98.3	16	PDB header: cell adhesion Chain: B: PDB Molecule: platelet glycoprotein ib beta chain; PDBTitle: crystal structure of glycoprotein gpib ectodomain
76	c3oglD	Alignment	not modelled	98.2	9	PDB header: protein binding Chain: D: PDB Molecule: coronatine-insensitive protein 1; PDBTitle: structure of coi1-ask1 in complex with ja-isoleucine and the jaz12 degon
77	c3ogmB	Alignment	not modelled	98.2	9	PDB header: protein binding Chain: B: PDB Molecule: coronatine-insensitive protein 1; PDBTitle: structure of coi1-ask1 in complex with coronatine and the jaz1 degon

78	c1kooD_	 Alignment	not modelled	98.2	20	PDB header: rna binding protein Chain: D: PDB Molecule: tip associating protein; PDBTitle: the crystal structure and mutational analysis of a novel2 rna-binding domain found in the human tap nuclear mrna3 export factor
79	c2p1nE_	 Alignment	not modelled	98.0	8	PDB header: signaling protein Chain: E: PDB Molecule: transport inhibitor response 1 protein; PDBTitle: mechanism of auxin perception by the tir1 ubiquitin ligase
80	d1koha1	 Alignment	not modelled	97.9	20	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: L domain-like Family: mRNA export factor tap
81	c1fqvK_	 Alignment	not modelled	97.3	15	PDB header: ligase Chain: K: PDB Molecule: skp2; PDBTitle: insights into scf ubiquitin ligases from the structure of2 the skp1-skp2 complex
82	c3e2jA_	 Alignment	not modelled	97.3	14	PDB header: electron transport Chain: A: PDB Molecule: atp synthase subunit s, mitochondrial; PDBTitle: crystal structure of bovine coupling factor b
83	d1io0a_	 Alignment	not modelled	95.7	18	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: 28-residue LRR
84	d1pgva_	 Alignment	not modelled	95.5	12	Fold: Leucine-rich repeat, LRR (right-handed beta-alpha superhelix) Superfamily: RNI-like Family: 28-residue LRR