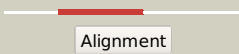

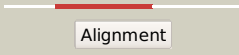

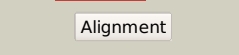

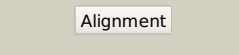

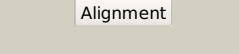

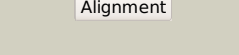

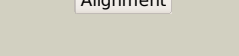
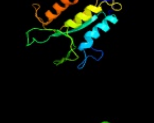
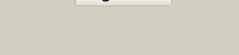


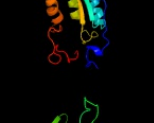


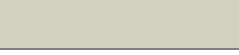



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2075c_(-)_2331424_2332887
Date	Mon Aug 5 13:25:19 BST 2019
Unique Job ID	62a9af023033d65f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3h4wA_	 Alignment		99.9	24	PDB header: hydrolase Chain: A: PDB Molecule: phosphatidylinositol-specific phospholipase c1; PDBTitle: structure of a ca+2 dependent phosphatidylinositol-specific2 phospholipase c (pi-plc) enzyme from streptomyces antibioticus
2	d2ptda_	 Alignment		99.9	16	Fold: TIM beta/alpha-barrel Superfamily: PLC-like phosphodiesterases Family: Bacterial PLC
3	d2plca_	 Alignment		99.9	25	Fold: TIM beta/alpha-barrel Superfamily: PLC-like phosphodiesterases Family: Bacterial PLC
4	c3v18A_	 Alignment		99.8	18	PDB header: lyase Chain: A: PDB Molecule: 1-phosphatidylinositol phosphodiesterase; PDBTitle: structure of the phosphatidylinositol-specific phospholipase c from2 staphylococcus aureus
5	c5fyoA_	 Alignment		99.5	18	PDB header: hydrolase Chain: A: PDB Molecule: phosphoinositol-specific phospholipase c; PDBTitle: calcium-dependent phosphoinositol-specific phospholipase c from a2 gram-negative bacterium, pseudomonas sp, apo form, crystal form 1
6	d2zkmx4	 Alignment		98.2	18	Fold: TIM beta/alpha-barrel Superfamily: PLC-like phosphodiesterases Family: Mammalian PLC
7	d1qasa3	 Alignment		98.2	24	Fold: TIM beta/alpha-barrel Superfamily: PLC-like phosphodiesterases Family: Mammalian PLC
8	c1djyB_	 Alignment		98.0	24	PDB header: lipid degradation Chain: B: PDB Molecule: phosphoinositide-specific phospholipase c, PDBTitle: phosphoinositide-specific phospholipase c-delta1 from rat2 complexed with inositol-2,4,5-trisphosphate
9	c3ohmB_	 Alignment		97.9	20	PDB header: signaling protein / hydrolase Chain: B: PDB Molecule: 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase PDBTitle: crystal structure of activated g alpha q bound to its effector2 phospholipase c beta 3
10	c3qr0A_	 Alignment		97.8	24	PDB header: hydrolase Chain: A: PDB Molecule: phospholipase c-beta (plc-beta); PDBTitle: crystal structure of s. officinalis plc21
11	c2fjuB_	 Alignment		97.7	18	PDB header: signaling protein,apoptosis/hydrolase Chain: B: PDB Molecule: 1-phosphatidylinositol-4,5-bisphosphate PDBTitle: activated rac1 bound to its effector phospholipase c beta 2

12	c5xtwH_	Alignment		97.1	19	PDB header: sugar binding protein Chain: H: PDB Molecule: macrophage mannose receptor 1; PDBTitle: crystal structure of the cysr-ctld2 fragment of human mr at acidic ph
13	c5e4lB_	Alignment		96.7	28	PDB header: sugar binding protein Chain: B: PDB Molecule: c-type mannose receptor 2; PDBTitle: structure of ligand binding region of uparap at ph 5.3
14	c5ao6A_	Alignment		96.7	16	PDB header: endocytosis Chain: A: PDB Molecule: c-type mannose receptor 2; PDBTitle: endo180 d1-4, trigonal form
15	d1h8ua_	Alignment		96.6	34	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
16	d1hupa1	Alignment		95.9	29	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
17	d1r13a1	Alignment		95.7	34	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
18	c6jliA_	Alignment		95.7	29	PDB header: immune system Chain: A: PDB Molecule: secretory phospholipase a2 receptor; PDBTitle: crystal structure of ctld7 domain of human pla2r
19	c3wbrC_	Alignment		95.6	24	PDB header: carbohydrate binding protein Chain: C: PDB Molecule: c-type lectin domain family 4 member c; PDBTitle: crystal structure of carbohydrate recognition domain of blood2 dendritic cell antigen-2 (bdca2) lectin (crystal form-3)
20	c1kwwC_	Alignment		95.5	24	PDB header: immune system, sugar binding protein Chain: C: PDB Molecule: mannose-binding protein a; PDBTitle: rat mannose protein a complexed with a-me-fuc.
21	c2h2rB_	Alignment	not modelled	95.4	31	PDB header: immune system Chain: B: PDB Molecule: low affinity immunoglobulin epsilon fc receptor (lymphocyte PDBTitle: crystal structure of the human cd23 lectin domain, apo form
22	d1sl6a_	Alignment	not modelled	95.3	25	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
23	d1rdl1_	Alignment	not modelled	95.3	18	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
24	c1r13A_	Alignment	not modelled	95.3	34	PDB header: sugar binding protein Chain: A: PDB Molecule: pulmonary surfactant-associated protein a; PDBTitle: carbohydrate recognition and neck domains of surfactant protein a (sp-2 a)
25	d1xara_	Alignment	not modelled	95.3	24	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
26	d3bdwa1	Alignment	not modelled	95.2	18	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
27	d1pwba1	Alignment	not modelled	95.1	21	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
28	d2msba_	Alignment	not modelled	95.0	23	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain

29	c2c6uA	Alignment	not modelled	95.0	24	PDB header: lectin Chain: A: PDB Molecule: clec1b protein; PDBTitle: crystal structure of human clec-2 (clec1b)
30	c4yliA	Alignment	not modelled	95.0	18	PDB header: sugar binding protein Chain: A: PDB Molecule: collectin-11; PDBTitle: cl-k1 trimer
31	c3dbzB	Alignment	not modelled	95.0	21	PDB header: sugar binding protein Chain: B: PDB Molecule: pulmonary surfactant-associated protein d; PDBTitle: human surfactant protein d
32	c3c22B	Alignment	not modelled	94.8	24	PDB header: immune system, sugar binding protein Chain: B: PDB Molecule: c-type lectin domain family 4 member k; PDBTitle: crystal structure of the carbohydrate recognition domain of2 human langerin
33	c1hupA	Alignment	not modelled	94.7	24	PDB header: c-type lectin Chain: A: PDB Molecule: mannose-binding protein; PDBTitle: human mannose binding protein carbohydrate recognition domain2 trimerizes through a triple alpha-helical coiled-coil
34	c5vybA	Alignment	not modelled	94.6	24	PDB header: sugar binding protein Chain: A: PDB Molecule: c-type lectin domain family 6 member a; PDBTitle: structure of the carbohydrate recognition domain of dectin-2 complexed2 with a mammalian-type high mannose man9glcnac2 oligosaccharide
35	d1hq8a	Alignment	not modelled	94.6	21	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
36	c2zibA	Alignment	not modelled	94.6	27	PDB header: antifreeze protein Chain: A: PDB Molecule: type ii antifreeze protein; PDBTitle: crystal structure analysis of calcium-independent type ii2 antifreeze protein
37	c2b6bD	Alignment	not modelled	94.4	26	PDB header: virus/receptor Chain: D: PDB Molecule: cd209 antigen; PDBTitle: cryo em structure of dengue complexed with crd of dc-sign
38	d1sl4a	Alignment	not modelled	94.4	26	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
39	d1t8da1	Alignment	not modelled	94.4	32	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
40	d1fifa1	Alignment	not modelled	94.3	26	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
41	c2py2E	Alignment	not modelled	94.1	21	PDB header: antifreeze protein Chain: E: PDB Molecule: antifreeze protein type ii; PDBTitle: structure of herring type ii antifreeze protein
42	d1dv8a	Alignment	not modelled	93.9	34	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
43	c4uxmA	Alignment	not modelled	93.7	21	PDB header: structural protein Chain: A: PDB Molecule: struthiocalcin-1; PDBTitle: crystal structure of struthiocalcin-1, a different crystal form.
44	c5b1wC	Alignment	not modelled	93.7	24	PDB header: carbohydrate binding protein Chain: C: PDB Molecule: c-type lectin domain family 4 member a; PDBTitle: crystal structure of human dendritic cell inhibitory receptor (dcir)2 c-type lectin domain in ligand-free form
45	c4qkhB	Alignment	not modelled	93.6	31	PDB header: immune system Chain: B: PDB Molecule: c-type lectin domain family 2 member d; PDBTitle: dimeric form of human llt1, a ligand for nkr-p1
46	c3vyjA	Alignment	not modelled	93.5	22	PDB header: carbohydrate binding protein Chain: A: PDB Molecule: c-type lectin domain family 4, member a4; PDBTitle: crystal structure of c-type lectin domain of murine dendritic cell2 inhibitory receptor 2 (apo form)
47	d1jzna	Alignment	not modelled	93.5	17	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
48	d1egga	Alignment	not modelled	93.2	12	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
49	c4kzvB	Alignment	not modelled	93.0	14	PDB header: carbohydrate-binding protein Chain: B: PDB Molecule: c-type lectin mincle; PDBTitle: structure of the carbohydrate-recognition domain of the c-type lectin2 mincle bound to trehalose
50	c2nanA	Alignment	not modelled	93.0	17	PDB header: immune system Chain: A: PDB Molecule: cd302 antigen; PDBTitle: nmr structure of human dcl-1 (cd302) extracellular domain
51	d1byfa	Alignment	not modelled	93.0	18	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
52	c2kv3A	Alignment	not modelled	92.9	13	PDB header: sugar binding protein Chain: A: PDB Molecule: regenerating islet-derived protein 4; PDBTitle: human regenerating gene type iv (reg iv) protein, p91s mutant
53	c3bc6D	Alignment	not modelled	92.9	24	PDB header: immune system Chain: D: PDB Molecule: c-type lectin domain family 4 member k; PDBTitle: the carbohydrate recognition domain of langerin reveals high2 structural similarity with the one of dc-sign but an additional,3 calcium-independent sugar-binding site
54	d1ypqa1	Alignment	not modelled	92.8	20	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain

55	d1tn3a_	Alignment	not modelled	92.8	29	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
56	d1xpha1	Alignment	not modelled	92.7	25	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
57	d1g1sa1	Alignment	not modelled	92.7	31	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
58	d1tdqb_	Alignment	not modelled	92.7	24	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
59	c1htnA_	Alignment	not modelled	92.6	24	PDB header: lectin Chain: A: PDB Molecule: tetranectin; PDBTitle: human tetranectin, a trimeric plasminogen binding protein2 with an alpha-helical coiled coil
60	c2bpdB_	Alignment	not modelled	92.6	10	PDB header: receptor Chain: B: PDB Molecule: dectin-1; PDBTitle: structure of murine dectin-1
61	c2yhfH_	Alignment	not modelled	92.5	27	PDB header: immune system Chain: H: PDB Molecule: c-type lectin domain family 5 member a; PDBTitle: 1.9 angstrom crystal structure of clec5a
62	c2ox8A_	Alignment	not modelled	92.5	17	PDB header: sugar binding protein Chain: A: PDB Molecule: scavenger receptor with c-type lectin type i; PDBTitle: human scavenger receptor c-type lectin carbohydrate-2 recognition domain.
63	c3j82A_	Alignment	not modelled	92.5	16	PDB header: membrane protein/adp-binding protein Chain: A: PDB Molecule: c-type lectin domain family 9 member a; PDBTitle: electron cryo-microscopy of dngn-1 in complex with f-actin
64	d1qo3c_	Alignment	not modelled	92.4	15	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
65	d2afpa_	Alignment	not modelled	92.4	30	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
66	c2ls8A_	Alignment	not modelled	92.3	19	PDB header: immune system Chain: A: PDB Molecule: c-type lectin domain family 4 member d; PDBTitle: solution structure of human c-type lectin domain family 4 member d
67	c2vuvA_	Alignment	not modelled	92.3	21	PDB header: sugar-binding protein Chain: A: PDB Molecule: codakine; PDBTitle: crystal structure of codakine at 1.3a resolution
68	d1gz2a_	Alignment	not modelled	92.2	29	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
69	d1c3ab_	Alignment	not modelled	92.2	18	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
70	c3bx4B_	Alignment	not modelled	92.1	21	PDB header: toxin Chain: B: PDB Molecule: aggrexin beta chain; PDBTitle: crystal structure of the snake venom toxin aggrexin
71	d1mpua_	Alignment	not modelled	92.1	22	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
72	d1umrc_	Alignment	not modelled	91.8	21	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
73	d1ja3a_	Alignment	not modelled	91.7	15	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
74	d1oz7b_	Alignment	not modelled	91.7	12	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
75	d3c8ja1	Alignment	not modelled	91.4	17	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
76	d1e87a_	Alignment	not modelled	91.4	16	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
77	c2e3xC_	Alignment	not modelled	91.3	18	PDB header: hydrolase, blood clotting, toxin Chain: C: PDB Molecule: coagulation factor x-activating enzyme light chain 1; PDBTitle: crystal structure of russell's viper venom metalloproteinase
78	d1qo3d_	Alignment	not modelled	91.3	15	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
79	d1g1ta1	Alignment	not modelled	91.2	21	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
80	d1wk1a_	Alignment	not modelled	91.2	15	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
81	d1j34b_	Alignment	not modelled	91.1	17	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain

82	d1oz7a_	Alignment	not modelled	91.1	24	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
83	c4iopB_	Alignment	not modelled	91.0	8	PDB header: immune system Chain: B: PDB Molecule: killer cell lectin-like receptor subfamily f member 2; PDBTitle: crystal structure of nkp65 bound to its ligand kacl
84	c6a7tA_	Alignment	not modelled	90.7	22	PDB header: sugar binding protein Chain: A: PDB Molecule: n-acetylglucosamine-specific lectin; PDBTitle: ca2+-independent c-type lectin spl-1 from saxidomus purpuratus
85	c3aluA_	Alignment	not modelled	90.6	10	PDB header: sugar binding protein Chain: A: PDB Molecule: lectin cel-iv, c-type; PDBTitle: crystal structure of cel-iv complexed with raffinose
86	c3kqgC_	Alignment	not modelled	90.6	15	PDB header: immune system Chain: C: PDB Molecule: c-type lectin domain family 4 member k; PDBTitle: trimeric structure of langerin
87	d1rjha_	Alignment	not modelled	90.6	26	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
88	d1wt9b1	Alignment	not modelled	90.6	16	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
89	d1fvub_	Alignment	not modelled	90.3	17	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
90	d1vd6a1	Alignment	not modelled	90.3	18	Fold: TIM beta/alpha-barrel Superfamily: PLC-like phosphodiesterases Family: Glycerophosphoryl diester phosphodiesterase
91	d1qdda_	Alignment	not modelled	90.3	16	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
92	d1v4lb_	Alignment	not modelled	90.2	16	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
93	c3rs1A_	Alignment	not modelled	90.1	20	PDB header: immune system Chain: A: PDB Molecule: c-type lectin domain family 2 member i; PDBTitle: mouse c-type lectin-related protein clrg
94	d1v7pa_	Alignment	not modelled	89.9	19	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
95	d1wmza_	Alignment	not modelled	89.9	16	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
96	d1lita_	Alignment	not modelled	89.9	24	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
97	c3gprC_	Alignment	not modelled	89.8	18	PDB header: cell adhesion Chain: C: PDB Molecule: rhodocetin subunit gamma; PDBTitle: crystal structure of rhodocetin
98	c5j2sA_	Alignment	not modelled	89.6	8	PDB header: immune system Chain: A: PDB Molecule: killer cell lectin-like receptor subfamily b member 1b PDBTitle: nkr-p1b from rattus norvegicus
99	c6a7sB_	Alignment	not modelled	89.4	22	PDB header: sugar binding protein Chain: B: PDB Molecule: n-acetylglucosamine-specific lectin; PDBTitle: ca2+-independent c-type lectin spl-2 from saxidomus purpuratus
100	c3g8lD_	Alignment	not modelled	89.3	22	PDB header: immune system Chain: D: PDB Molecule: lectin-related nk cell receptor ly49l1; PDBTitle: crystal structure of murine natural killer cell receptor,2 ly49l4
101	c3ubuA_	Alignment	not modelled	88.7	16	PDB header: toxin Chain: A: PDB Molecule: agglucetin subunit alpha-1; PDBTitle: crystal structure of agkisacucetin, a gpib-binding snaclec (snake c-2 type lectin) that inhibits platelet
102	d1ixxa_	Alignment	not modelled	88.6	21	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
103	d1wt9a1	Alignment	not modelled	88.5	22	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
104	d1jwib_	Alignment	not modelled	88.4	8	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
105	c3m9zA_	Alignment	not modelled	88.3	12	PDB header: signaling protein Chain: A: PDB Molecule: killer cell lectin-like receptor subfamily b member 1a; PDBTitle: crystal structure of extracellular domain of mouse nkr-p1a
106	d1jwia_	Alignment	not modelled	88.3	23	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
107	d1y17a1	Alignment	not modelled	88.1	13	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
108	c3ubuB_	Alignment	not modelled	87.8	18	PDB header: toxin Chain: B: PDB Molecule: agglucetin subunit beta-2; PDBTitle: crystal structure of agkisacucetin, a gpib-binding snaclec (snake c-2 type lectin) that inhibits platelet

109	c3vppA_	Alignment	not modelled	87.6	13	PDB header: immune system Chain: A: PDB Molecule: c-type lectin domain family 9 member a; PDBTitle: crystal structure of the human clec9a c-type lectin-like domain
110	d1c3aa_	Alignment	not modelled	87.6	18	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
111	d1sb2b1	Alignment	not modelled	87.5	14	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
112	c1fm5A_	Alignment	not modelled	87.2	15	PDB header: immune system Chain: A: PDB Molecule: early activation antigen cd69; PDBTitle: crystal structure of human cd69
113	c3bx4A_	Alignment	not modelled	86.6	21	PDB header: toxin Chain: A: PDB Molecule: aggrexin alpha chain; PDBTitle: crystal structure of the snake venom toxin aggrexin
114	d1v7pb_	Alignment	not modelled	86.4	10	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
115	c2f9rC_	Alignment	not modelled	85.9	17	PDB header: hydrolase Chain: C: PDB Molecule: sphingomyelinase d 1; PDBTitle: crystal structure of the inactive state of the smase i, a2 sphingomyelinase d from loxosceles laeta venom
116	c4r7oE_	Alignment	not modelled	85.8	21	PDB header: hydrolase Chain: E: PDB Molecule: glycerophosphoryl diester phosphodiesterase, putative; PDBTitle: crystal structure of putative glycerophosphoryl diester2 phosphodiesterasefrom bacillus anthraci
117	c3gprD_	Alignment	not modelled	85.7	11	PDB header: cell adhesion Chain: D: PDB Molecule: rhodocetin subunit delta; PDBTitle: crystal structure of rhodocetin
118	d1uv0a_	Alignment	not modelled	85.6	24	Fold: C-type lectin-like Superfamily: C-type lectin-like Family: C-type lectin domain
119	c3ff8D_	Alignment	not modelled	85.4	17	PDB header: cell adhesion/immune system Chain: D: PDB Molecule: killer cell lectin-like receptor subfamily g member 1; PDBTitle: structure of nk cell receptor klrp1 bound to e-cadherin
120	c4iopA_	Alignment	not modelled	84.9	15	PDB header: immune system Chain: A: PDB Molecule: c-type lectin domain family 2 member a; PDBTitle: crystal structure of nkp65 bound to its ligand kacl