



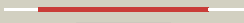






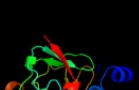









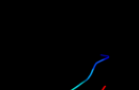





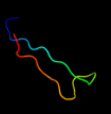

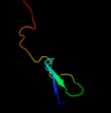



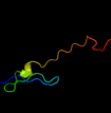



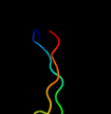

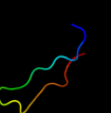





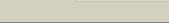
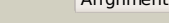




#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1l1da_	 Alignment		100.0	47	Fold: Mss4-like Superfamily: Mss4-like Family: SelR domain
2	c3e0mB_	 Alignment		100.0	52	PDB header: oxidoreductase Chain: B: PDB Molecule: peptide methionine sulfoxide reductase msra/msrb PDBTitle: crystal structure of fusion protein of msra and msrb
3	c2k8dA_	 Alignment		100.0	51	PDB header: oxidoreductase Chain: A: PDB Molecule: peptide methionine sulfoxide reductase msrb; PDBTitle: solution structure of a zinc-binding methionine sulfoxide reductase
4	c3h3cB_	 Alignment		100.0	51	PDB header: oxidoreductase Chain: B: PDB Molecule: peptide methionine sulfoxide reductase; PDBTitle: structure of msrb from xanthomonas campestris (oxidized2 form)
5	d1xm0a1	 Alignment		100.0	50	Fold: Mss4-like Superfamily: Mss4-like Family: SelR domain
6	c3ceza_	 Alignment		100.0	50	PDB header: oxidoreductase Chain: A: PDB Molecule: methionine-r-sulfoxide reductase; PDBTitle: crystal structure of methionine-r-sulfoxide reductase from2 burkholderia pseudomallei
7	c2l1uA_	 Alignment		100.0	52	PDB header: oxidoreductase Chain: A: PDB Molecule: methionine-r-sulfoxide reductase b2, mitochondrial; PDBTitle: structure-functional analysis of mammalian msrb2 protein
8	c2kaoA_	 Alignment		100.0	32	PDB header: oxidoreductase Chain: A: PDB Molecule: methionine-r-sulfoxide reductase b1; PDBTitle: structure of reduced mouse methionine sulfoxide reductase b12 (sec95cys mutant)
9	c3facE_	 Alignment		61.8	21	PDB header: unknown function Chain: E: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of rhodobacter sphaeroides protein2 rsp_2168. northeast structural genomics target rhr83.
10	d1aj7h1	 Alignment		48.4	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
11	d1gafh1	 Alignment		46.1	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)

12	dlv7mh1	 Alignment		45.6	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
13	dlvera_	 Alignment		41.5	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
14	dlj8hd1	 Alignment		41.4	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
15	dlpfta_	 Alignment		40.6	21	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: Transcriptional factor domain
16	dlb88a_	 Alignment		36.8	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
17	dl1d16a_	 Alignment		35.9	24	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: Transcriptional factor domain
18	dlmiml1	 Alignment		35.5	25	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
19	dlggbh1	 Alignment		33.8	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
20	dlnakhl	 Alignment		32.5	25	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
21	c3goxB_	 Alignment	not modelled	30.2	26	PDB header: hydrolase/dna Chain: B: PDB Molecule: restriction endonuclease hpy99i; PDBTitle: crystal structure of the beta-beta-alpha-me type ii restriction2 endonuclease hpy99i in the absence of edta
22	d3dga1	 Alignment	not modelled	29.2	21	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
23	c2w4rB_	 Alignment	not modelled	28.6	18	PDB header: hydrolase Chain: B: PDB Molecule: probable atp-dependent rna helicase dhx58; PDBTitle: crystal structure of the regulatory domain of human lgp2
24	dlbeca1	 Alignment	not modelled	28.5	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
25	dl1dfbl1	 Alignment	not modelled	28.5	24	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
26	c1ua6H_	 Alignment	not modelled	28.2	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant sfsf complexed with2 hen egg white lysozyme complex
27	dljnlh1	 Alignment	not modelled	27.7	25	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
28	dlw72h1	 Alignment	not modelled	27.4	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
29	c1ic4H_	 Alignment	not modelled	26.6	20	PDB header: protein binding/hydrolase Chain: H: PDB Molecule: igg1 fab chain h;

29	c1lc4n_	Alignment	not modelled	26.0	20	PDBTitle: crystal structure of hyhel-10 fv mutant(hd32a)-hen lysozyme2 complex PDB header: ribosome Chain: Y: PDB Molecule: 60s ribosomal protein l37-a;
30	c1s1iY_	Alignment	not modelled	26.2	42	PDBTitle: structure of the ribosomal 80s-eef2-sordarin complex from2 yeast obtained by docking atomic models for rna and protein3 components into a 11.7 a cryo-em map. this file, 1s1i,4 contains 60s subunit. the 40s ribosomal subunit is in file5 1s1h. PDB header: transcription Chain: I: PDB Molecule: dna-directed rna polymerase ii subunit rpb9;
31	c3h0gl_	Alignment	not modelled	26.2	18	PDBTitle: rna polymerase ii from schizosaccharomyces pombe PDB header: ribosomal protein/rna Chain: 2: PDB Molecule: 60s ribosomal protein l37e;
32	c2zkr2_	Alignment	not modelled	26.1	30	PDBTitle: structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map Fold: beta and beta-prime subunits of DNA dependent RNA-polymerase Superfamily: beta and beta-prime subunits of DNA dependent RNA-polymerase Family: RNA-polymerase beta-prime
33	d1smyd_	Alignment	not modelled	26.0	36	PDB header: transcription Chain: M: PDB Molecule: transcription initiation factor iib;
34	c3k7aM_	Alignment	not modelled	25.7	20	PDBTitle: crystal structure of an rna polymerase ii-tfiib complex PDB header: immunoglobulin Chain: A: PDB Molecule: mfe-23 recombinant antibody fragment;
35	c1qokA_	Alignment	not modelled	25.1	22	PDBTitle: mfe-23 an anti-carcinoembryonic antigen single-chain fv2 antibody Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
36	d1lp9e1_	Alignment	not modelled	25.0	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
37	d1w72l1_	Alignment	not modelled	25.0	21	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
38	d1sm3h1_	Alignment	not modelled	25.0	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
39	c2dqeh_	Alignment	not modelled	24.7	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme;
40	d1n7ml1_	Alignment	not modelled	24.6	24	PDBTitle: crystal structure of hyhel-10 fv mutant(hy53a) complexed2 with hen egg lysozyme Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
41	d1dl7h_	Alignment	not modelled	24.5	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
42	c2dqch_	Alignment	not modelled	24.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme;
43	d2oslb1_	Alignment	not modelled	24.3	30	PDBTitle: crystal structure of hyhel-10 fv mutant(hy33f) complexed2 with hen egg lysozyme Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
44	c2znwB_	Alignment	not modelled	24.3	19	PDB header: immune system/hydrolase Chain: B: PDB Molecule: scfv10;
45	c1i3ql_	Alignment	not modelled	24.3	12	PDBTitle: crystal structure of scfv10 in complex with hen egg lysozyme PDB header: transcription Chain: I: PDB Molecule: dna-directed rna polymerase ii 14.2kd PDBTitle: rna polymerase ii crystal form i at 3.1 a resolution
46	d1ospl1_	Alignment	not modelled	23.7	26	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
47	d2ntsp1_	Alignment	not modelled	23.7	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
48	d1q9rb1_	Alignment	not modelled	23.7	14	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
49	d2i27n1_	Alignment	not modelled	23.5	19	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
50	d1nbyb1_	Alignment	not modelled	23.5	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
51	c4a18A_	Alignment	not modelled	23.2	29	PDB header: ribosome Chain: A: PDB Molecule: ribosomal protein l37;
52	d1nsnl1_	Alignment	not modelled	23.2	16	PDBTitle: t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rna and proteins of molecule 1 Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
53	d1pz5b1_	Alignment	not modelled	23.2	22	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
54	d1x6ma_	Alignment	not modelled	22.9	24	Fold: Mss4-like Superfamily: Mss4-like Family: Glutathione-dependent formaldehyde-activating enzyme, Gfa

55	d2h1ph1	Alignment	not modelled	22.8	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
56	d3c6la1	Alignment	not modelled	22.8	22	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
57	d1igch1	Alignment	not modelled	22.7	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
58	c3jywy	Alignment	not modelled	22.4	42	PDB header: ribosome Chain: Y: PDB Molecule: 60s ribosomal protein l37(a); PDBTitle: structure of the 60s proteins for eukaryotic ribosome based on cryo-em2 map of thermomyces lanuginosus ribosome at 8.9a resolution
59	c2gkiA	Alignment	not modelled	22.4	30	PDB header: immune system Chain: A: PDB Molecule: nuclease; PDBTitle: heavy and light chain variable single domains of an anti-dna binding2 antibody hydrolyze both double- and single-stranded dnas without3 sequence specificity
60	d1a4ka1	Alignment	not modelled	22.1	40	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
61	d1nj9b1	Alignment	not modelled	21.9	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
62	c3a6bH	Alignment	not modelled	21.8	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh, anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant ln32d complexed with hen egg2 white lysozyme
63	c2otuC	Alignment	not modelled	21.8	16	PDB header: immune system Chain: C: PDB Molecule: fv light chain variable domain; PDBTitle: crystal structure of fv polyglutamine complex
64	d1kcvh1	Alignment	not modelled	21.7	19	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
65	d1ndmb1	Alignment	not modelled	21.7	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
66	d1emth1	Alignment	not modelled	21.7	21	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
67	d1igfl1	Alignment	not modelled	21.7	33	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
68	c1dzbb	Alignment	not modelled	21.6	26	PDB header: immune system Chain: B: PDB Molecule: scfv fragment 1f9; PDBTitle: crystal structure of phage library-derived single-chain fv2 fragment 1f9 in complex with turkey egg-white lysozyme
69	c3cm9J	Alignment	not modelled	21.6	30	PDB header: immune system Chain: J: PDB Molecule: secretory component; PDBTitle: solution structure of human siga2
70	c3chnJ	Alignment	not modelled	21.6	30	PDB header: immune system Chain: J: PDB Molecule: secretory component; PDBTitle: solution structure of human secretory iga1
71	d1igil1	Alignment	not modelled	21.6	35	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
72	c2dqdh	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant (hy50f) complexed2 with hen egg lysozyme
73	c1c08B	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: B: PDB Molecule: anti-hen egg white lysozyme antibody (hyhel-10); PDBTitle: crystal structure of hyhel-10 fv-hen lysozyme complex
74	c2dqiH	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant (ly50a) complexed2 with hen egg lysozyme
75	c3a67H	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh, anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant ln31d complexed with hen egg2 white lysozyme
76	d1j1ph	Alignment	not modelled	21.5	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
77	c1j1pH	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant ls91a complexed2 with hen egg white lysozyme
78	c3a6cH	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh, anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant ln92d complexed with hen egg2 white lysozyme
79	c2dqiH	Alignment	not modelled	21.5	20	PDB header: immune system/hydrolase Chain: H: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv (wild-type) complexed with2 hen egg lysozyme at 1.8a resolution
80	d2dd8l1	Alignment	not modelled	21.5	21	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
						Fold: Immunoglobulin-like beta-sandwich

81	d1gpoh1	Alignment	not modelled	21.2	17	Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
82	c3nn8B_	Alignment	not modelled	21.2	29	PDB header: immune system Chain: B: PDB Molecule: engineered scfv, light chain; PDBTitle: crystal structure of engineered antibody fragment based on 3d5
83	d1dqlh_	Alignment	not modelled	21.1	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
84	d1mamh1	Alignment	not modelled	21.0	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
85	d1fpth1	Alignment	not modelled	20.9	16	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
86	c1ic5H_	Alignment	not modelled	20.7	15	PDB header: protein binding/hydrolase Chain: H: PDB Molecule: igg1 fab chain h; PDBTitle: crystal structure of hyhel-10 fv mutant(hd99a)-hen lysozyme2 complex
87	c2dqfE_	Alignment	not modelled	20.6	20	PDB header: immune system/hydrolase Chain: E: PDB Molecule: ig vh,anti-lysozyme; PDBTitle: crystal structure of hyhel-10 fv mutant (y33ay53a)2 complexed with hen egg lysozyme
88	d1ub5b1	Alignment	not modelled	20.5	40	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
89	d1a5fh1	Alignment	not modelled	20.3	25	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
90	c1nqbC_	Alignment	not modelled	20.2	32	PDB header: immunoglobulin Chain: C: PDB Molecule: single-chain antibody fragment; PDBTitle: trivalent antibody fragment
91	d1q9wb1	Alignment	not modelled	20.1	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
92	d1h8ba_	Alignment	not modelled	20.1	30	Fold: EF Hand-like Superfamily: EF-hand Family: EF-hand modules in multidomain proteins
93	d2qqnh1	Alignment	not modelled	20.0	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
94	d1mexh1	Alignment	not modelled	19.9	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
95	d1bbjb1	Alignment	not modelled	19.9	20	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
96	c3trzE_	Alignment	not modelled	19.6	29	PDB header: rna binding protein/rna Chain: E: PDB Molecule: protein lin-28 homolog a; PDBTitle: mouse lin28a in complex with let-7d microRNA pre-element
97	d1kelh1	Alignment	not modelled	19.6	15	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
98	d1l7tl1	Alignment	not modelled	19.5	38	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
99	d2dkta2	Alignment	not modelled	19.5	31	Fold: Zinc hairpin stack Superfamily: Zinc hairpin stack Family: Zinc hairpin stack