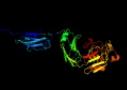
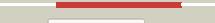
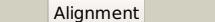
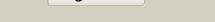
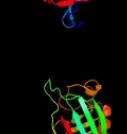
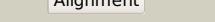
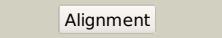
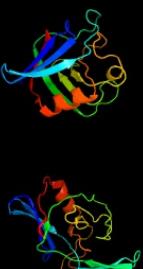
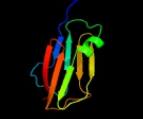
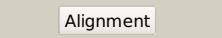
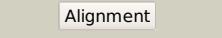
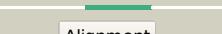
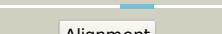


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD0192_(-)_223562_224662
Date	Tue Jul 23 14:50:24 BST 2019
Unique Job ID	ee20a6df742d30d2

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3u1qB_</a>			100.0	49	<b>PDB header:</b> peptidoglycan binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> mycobacteria tuberculosis l-d-transpeptidase type 2; <b>PDBTitle:</b> crystal structure of m. tuberculosis l-d-transpeptidase type 2 with 2-2 mercaptoethanol
2	<a href="#">c3vynB_</a>			100.0	49	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> probable conserved lipoprotein lpps; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis l-d-transpeptidase2 ldtmt2 n55 truncation mutant (residues 55-408)
3	<a href="#">c4z7aA_</a>			100.0	30	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> mycobacterium tuberculosis (3,3)l,d-transpeptidase type 5; <b>PDBTitle:</b> structural and biochemical characterization of a non-functionally redundant m. tuberculosis (3,3) l,d-transpeptidase, ldtmt5.
4	<a href="#">c4xvoB_</a>			100.0	44	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> l,d-transpeptidase; <b>PDBTitle:</b> l,d-transpeptidase from mycobacterium smegmatis
5	<a href="#">c4jmxA_</a>			100.0	45	<b>PDB header:</b> transferase/transferase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> probable l,d-transpeptidase ldtalpha; <b>PDBTitle:</b> structure of l,d transpeptidase ldtmt1 in complex with imipenem
6	<a href="#">c4k73A_</a>			100.0	44	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> l,d-transpeptidase; <b>PDBTitle:</b> x-ray crystal structure of an l,d-transpeptidase from mycobacterium2 tuberculosis h37rv
7	<a href="#">c2hkB_</a>			100.0	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> l,d-transpeptidase; <b>PDBTitle:</b> crystal structure of enterococcus faecium l,d-2 transpeptidase c442s mutant
8	<a href="#">c5bmqA_</a>			100.0	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> erfk/ybis/ycfs/ynhg family protein; <b>PDBTitle:</b> crystal structure of l,d-transpeptidase (yku) from stackebrandtia2 nassauensis
9	<a href="#">d1zata1</a>			99.9	27	<b>Fold:</b> L,D-transpeptidase catalytic domain-like <b>Superfamily:</b> L,D-transpeptidase catalytic domain-like <b>Family:</b> L,D-transpeptidase catalytic domain-like
10	<a href="#">c1y7mB_</a>			99.9	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical protein bsu14040; <b>PDBTitle:</b> crystal structure of the b. subtilis ykud protein at 2 a2 resolution
11	<a href="#">c4lzhA_</a>			99.9	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> l,d-transpeptidase; <b>PDBTitle:</b> l,d-transpeptidase from klebsiella pneumoniae

12	<a href="#">d1y7ma1</a>			99.9	18	<b>Fold:</b> L,D-transpeptidase catalytic domain-like <b>Superfamily:</b> L,D-transpeptidase catalytic domain-like <b>Family:</b> L,D-transpeptidase catalytic domain-like
13	<a href="#">c4lpqA_</a>			99.8	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> erfk/ybis/ycfs/ynhg family protein; <b>PDBTitle:</b> crystal structure of the l,d-transpeptidase (residues 123-326) from2 xylanimonas cellulosilytica dsm 15894
14	<a href="#">c4y4vB_</a>			99.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> conserved hypothetical secreted protein; <b>PDBTitle:</b> structure of helicobacter pylori csd6 in the d-ala-bound state
15	<a href="#">c4xxtA_</a>			99.8	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> fusion of predicted zn-dependent amidase/peptidase (cell <b>PDBTitle:</b> crystal structure of fused zn-dependent2 amidase/peptidase/peptidoglycan-binding domain-containing protein3 from clostridium acetobutylicum atcc 824
16	<a href="#">c4hu2A_</a>			99.8	42	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> probable conserved lipoprotein lpps; <b>PDBTitle:</b> crystal structure of ldtmt2, a l,d-transpeptidase from mycobacterium2 tuberculosis: domain a and b
17	<a href="#">c6ntwA_</a>			99.2	13	<b>PDB header:</b> transferase/transferase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> probable l,d-transpeptidase ycbb; <b>PDBTitle:</b> crystal structure of e. coli ycbb
18	<a href="#">c3pe9D_</a>			64.7	12	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> fibronectin(iii)-like module; <b>PDBTitle:</b> structures of clostridium thermocellum cbha fibronectin(iii)-like2 modules
19	<a href="#">d3btaa1</a>			58.3	22	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Clostridium neurotoxins, the second last domain
20	<a href="#">c4p9IA_</a>			54.7	24	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> ryanodine receptor 2; <b>PDBTitle:</b> crystal structure of mouse ryanodine receptor 2 spry2 domain (1080-2 1253) disease mutant a1107m
21	<a href="#">c3c12A_</a>		not modelled	54.5	27	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> flagellar protein; <b>PDBTitle:</b> crystal structure of flgd from xanthomonas campestris:2 insights into the hook capping essential for flagellar3 assembly
22	<a href="#">d1b09a_</a>		not modelled	45.9	8	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Pentraxin (pentraxin)
23	<a href="#">d1uw6a_</a>		not modelled	42.9	9	<b>Fold:</b> Nicotinic receptor ligand binding domain-like <b>Superfamily:</b> Nicotinic receptor ligand binding domain-like <b>Family:</b> Nicotinic receptor ligand binding domain-like
24	<a href="#">c4obiA_</a>		not modelled	42.8	26	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a df1312 family protein (ef3258) from2 enterococcus faecalis v583 at 1.73 a resolution
25	<a href="#">d1a8dal</a>		not modelled	39.2	15	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Clostridium neurotoxins, the second last domain
26	<a href="#">d1cz5a1</a>		not modelled	39.1	14	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Cdc48 N-terminal domain-like
27	<a href="#">c6er3B_</a>		not modelled	39.0	14	<b>PDB header:</b> sugar binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> bnr/asp-box repeat protein; <b>PDBTitle:</b> ruminococcus gravis it-sialidase cbm40 bound to alpha2,3 sialyllectose
28	<a href="#">c1y5iA_</a>		not modelled	38.5	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> respiratory nitrate reductase 1 alpha chain; <b>PDBTitle:</b> the crystal structure of the narghi mutant nari-k86a
						<b>Fold:</b> Concanavalin A-like lectins/glucanases

29	<a href="#">d2slia1</a>	Alignment	not modelled	38.3	16	<b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Leech intramolecular trans-sialidase, N-terminal domain
30	<a href="#">d1wjia</a>	Alignment	not modelled	37.6	32	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
31	<a href="#">c3flpl</a>	Alignment	not modelled	36.6	17	<b>PDB header:</b> sugar binding protein <b>Chain:</b> J: <b>PDB Molecule:</b> sap-like pentraxin; <b>PDBTitle:</b> crystal structure of native heptameric sap-like pentraxin2 from limulus polyphemus
32	<a href="#">c2vu9A</a>	Alignment	not modelled	36.5	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> botulinum neurotoxin a heavy chain; <b>PDBTitle:</b> crystal structure of botulinum neurotoxin serotype a2 binding domain in complex with gt1b
33	<a href="#">c3pe9B</a>	Alignment	not modelled	35.9	12	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> fibronectin(iii)-like module; <b>PDBTitle:</b> structures of clostridium thermocellum cbha fibronectin(iii)-like2 modules
34	<a href="#">c1h5nC</a>	Alignment	not modelled	35.3	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> dmso reductase; <b>PDBTitle:</b> dmso reductase modified by the presence of dms and air
35	<a href="#">c4nl6C</a>	Alignment	not modelled	34.7	19	<b>PDB header:</b> splicing <b>Chain:</b> C: <b>PDB Molecule:</b> survival motor neuron protein; <b>PDBTitle:</b> structure of the full-length form of the protein smn found in healthy2 patients
36	<a href="#">d2afja1</a>	Alignment	not modelled	34.0	10	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> SPRY domain
37	<a href="#">c2vw9B</a>	Alignment	not modelled	33.8	15	<b>PDB header:</b> dna-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> single-stranded dna binding protein; <b>PDBTitle:</b> single stranded dna binding protein complex from2 helicobacter pylori
38	<a href="#">c2lojA</a>	Alignment	not modelled	33.0	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative cytoplasmic protein; <b>PDBTitle:</b> solution nmr structure of tstm1273 from salmonella typhimurium lt2,2 nesg target stt322, csgid target idp01027 and ocsp target tstm1273
39	<a href="#">c4zzkA</a>	Alignment	not modelled	32.7	23	<b>PDB header:</b> motor protein <b>Chain:</b> A: <b>PDB Molecule:</b> basal-body rod modification protein flgd; <b>PDBTitle:</b> crystal structure of truncated flgd (monoclinic form) from the human2 pathogen helicobacter pylori
40	<a href="#">c2jraB</a>	Alignment	not modelled	32.7	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> protein rpa2121; <b>PDBTitle:</b> a novel domain-swapped solution nmr structure of protein rpa2121 from2 rhodopseudomonas palustris. northeast structural genomics target rpt6
41	<a href="#">d1logy1</a>	Alignment	not modelled	32.3	21	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
42	<a href="#">c2sliA</a>	Alignment	not modelled	31.9	26	<b>PDB header:</b> hydrolyase <b>Chain:</b> A: <b>PDB Molecule:</b> intramolecular trans-sialidase; <b>PDBTitle:</b> leech intramolecular trans-sialidase complexed with 2,7-2 anhydro-neu5ac, the reaction product
43	<a href="#">d2r31a1</a>	Alignment	not modelled	31.8	23	<b>Fold:</b> ATP12-like <b>Superfamily:</b> ATP12-like <b>Family:</b> ATP12-like
44	<a href="#">c3n7mA</a>	Alignment	not modelled	30.8	22	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> neurotoxin; <b>PDBTitle:</b> crystal structure of w1252a mutant of hcr d/c vpi 5995
45	<a href="#">c1eqqD</a>	Alignment	not modelled	30.5	15	<b>PDB header:</b> replication/rna <b>Chain:</b> D: <b>PDB Molecule:</b> single stranded dna binding protein; <b>PDBTitle:</b> single stranded dna binding protein and ssdna complex
46	<a href="#">c4gt6A</a>	Alignment	not modelled	29.8	27	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable e3 ubiquitin-protein ligase herc1; <b>PDBTitle:</b> crystal structure of the spry domain of human herc1
47	<a href="#">c4dqaa</a>	Alignment	not modelled	29.7	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a putative carbohydrate binding protein2 (bacova_03559) from bacteroides ovatus atcc 8483 at 1.50 a resolution
48	<a href="#">c5kxiA</a>	Alignment	not modelled	29.1	25	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> neuronal acetylcholine receptor subunit alpha-4; <b>PDBTitle:</b> x-ray structure of the human alpha4beta2 nicotinic receptor
49	<a href="#">d1saca</a>	Alignment	not modelled	28.7	8	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Pentraxin (pentraxin)
50	<a href="#">c6fvqE</a>	Alignment	not modelled	28.5	10	<b>PDB header:</b> membrane protein <b>Chain:</b> E: <b>PDB Molecule:</b> cys-loop ligand-gated ion channel; <b>PDBTitle:</b> the active form of a pentameric ion channel (stelic) gated by alkaline2 ph - r86a
51	<a href="#">c6hoxA</a>	Alignment	not modelled	28.4	11	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> binding domain (hc) of paraclostridial mosquitocidal <b>PDBTitle:</b> crystal structure of the binding domain of paraclostridial2 mosquitocidal protein 1
52	<a href="#">c5xgtA</a>	Alignment	not modelled	26.9	16	<b>PDB header:</b> dn binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> single-stranded dna-binding protein; <b>PDBTitle:</b> crystal structure of the n-terminal domain of staphylococcus aureus2 single-stranded dna-binding protein ssba at 1.82 angstrom resolution
53	<a href="#">c3sq9D</a>	Alignment	not modelled	26.0	10	<b>PDB header:</b> transport protein/receptor <b>Chain:</b> D: <b>PDB Molecule:</b> neuronal acetylcholine receptor subunit alpha-7, <b>PDBTitle:</b> crystal structures of the ligand binding domain of a pentameric alpha772 nicotinic receptor chimera

54	<a href="#">c2vxrA</a>	Alignment	not modelled	25.8	19	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> botulinum neurotoxin type g; <b>PDBTitle:</b> crystal structure of the botulinum neurotoxin serotype g2 binding domain
55	<a href="#">d2piaa1</a>	Alignment	not modelled	25.6	35	<b>Fold:</b> Reductase/isomerase/elongation factor common domain <b>Superfamily:</b> Riboflavin synthase domain-like <b>Family:</b> Ferredoxin reductase FAD-binding domain-like
56	<a href="#">c3osvc</a>	Alignment	not modelled	25.4	29	<b>PDB header:</b> structural protein <b>Chain:</b> C: <b>PDB Molecule:</b> flagellar basal-body rod modification protein flgd; <b>PDBTitle:</b> the crytsal structure of flgd from p. aeruginosa
57	<a href="#">c5gqoB</a>	Alignment	not modelled	25.4	32	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> single-stranded dna-binding protein; <b>PDBTitle:</b> structure of the second single stranded dna binding protein (ssb)2 from mycobacterium smegmatis
58	<a href="#">d1f00i2</a>	Alignment	not modelled	25.0	23	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> Invasin/intimin cell-adhesion fragments <b>Family:</b> Invasin/intimin cell-adhesion fragments
59	<a href="#">c3lgjA</a>	Alignment	not modelled	25.0	21	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> single-stranded dna-binding protein; <b>PDBTitle:</b> crystal structure of single-stranded binding protein (ssb) from2 bartonella henselae
60	<a href="#">c5jiaH</a>	Alignment	not modelled	24.9	23	<b>PDB header:</b> ran-binding protein <b>Chain:</b> H: <b>PDB Molecule:</b> ran-binding protein 10; <b>PDBTitle:</b> the crystal structure of ius-spry domain from ranbp10
61	<a href="#">c5ch7E</a>	Alignment	not modelled	24.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> dmso reductase family type ii enzyme, molybdopterin <b>PDBTitle:</b> crystal structure of the perchlorate reductase pcrab -phe164 gate2 switch intermediate - from azospira suillum ps
62	<a href="#">c6rteB</a>	Alignment	not modelled	24.3	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> cytochrome c; <b>PDBTitle:</b> dihydro-heme d1 dehydrogenase nirn in complex with dhe
63	<a href="#">c1z9fA</a>	Alignment	not modelled	23.6	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> single-strand binding protein; <b>PDBTitle:</b> crystal structure of single stranded dna-binding protein (tm0604) from2 thermotoga maritima at 2.60 a resolution
64	<a href="#">d1lkta</a>	Alignment	not modelled	23.5	32	<b>Fold:</b> Head-binding domain of phage P22 tailspike protein <b>Superfamily:</b> Head-binding domain of phage P22 tailspike protein <b>Family:</b> Head-binding domain of phage P22 tailspike protein
65	<a href="#">d1y5ia1</a>	Alignment	not modelled	22.5	22	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
66	<a href="#">c4p9jC</a>	Alignment	not modelled	22.2	22	<b>PDB header:</b> transport protein <b>Chain:</b> C: <b>PDB Molecule:</b> ryanodine receptor 1; <b>PDBTitle:</b> crystal structure of rabbit ryanodine receptor 1 spry2 domain (1070-2 1246)
67	<a href="#">c5odnG</a>	Alignment	not modelled	22.1	8	<b>PDB header:</b> dna binding protein <b>Chain:</b> G: <b>PDB Molecule:</b> single-stranded dna-binding protein; <b>PDBTitle:</b> salinibacter ruber single-strand binding protein
68	<a href="#">c1cz5A</a>	Alignment	not modelled	21.9	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> vcp-like atpase; <b>PDBTitle:</b> nmr structure of vat-: the n-terminal domain of vat (vcp-2 like atpase of thermoplasma)
69	<a href="#">c3oggA</a>	Alignment	not modelled	21.9	15	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> botulinum neurotoxin type d; <b>PDBTitle:</b> crystal structure of the receptor binding domain of botulinum2 neurotoxin d
70	<a href="#">c3fugA</a>	Alignment	not modelled	21.5	19	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> bont/f (neurotoxin type f); <b>PDBTitle:</b> glycosylated sv2 and gangliosides as dual receptors for2 botulinum neurotoxin serotype f
71	<a href="#">c3pgzB</a>	Alignment	not modelled	20.7	10	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> single-stranded dna-binding protein; <b>PDBTitle:</b> crystal structure of a single strand binding protein (ssb) from2 bartonella henselae
72	<a href="#">d3ulla</a>	Alignment	not modelled	20.1	16	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
73	<a href="#">d2iv2x1</a>	Alignment	not modelled	19.7	17	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
74	<a href="#">c2bg9A</a>	Alignment	not modelled	19.5	22	<b>PDB header:</b> ion channel/receptor <b>Chain:</b> A: <b>PDB Molecule:</b> acetylcholine receptor protein, alpha chain; <b>PDBTitle:</b> refined structure of the nicotinic acetylcholine receptor2 at 4a resolution.
75	<a href="#">c4aq5A</a>	Alignment	not modelled	19.5	22	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> acetylcholine receptor subunit alpha; <b>PDBTitle:</b> gating movement in acetylcholine receptor analysed by time-resolved2 electron cryo-microscopy (closed class)
76	<a href="#">c1dfcB</a>	Alignment	not modelled	19.4	9	<b>PDB header:</b> structural protein <b>Chain:</b> B: <b>PDB Molecule:</b> fascin; <b>PDBTitle:</b> crystal structure of human fascin, an actin-crosslinking protein
77	<a href="#">d1qvca</a>	Alignment	not modelled	19.2	16	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
78	<a href="#">c1qvca</a>	Alignment	not modelled	19.2	16	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> single stranded dna binding protein monomer; <b>PDBTitle:</b> crystal structure analysis of single stranded dna binding protein2 (ssb) from e.coli
79	<a href="#">d1leyga</a>	Alignment	not modelled	19.1	16	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins

						<b>Family:</b> Single strand DNA-binding domain, SSB
80	<a href="#">d2in5a1</a>	Alignment	not modelled	19.0	29	<b>Fold:</b> YmcC-like <b>Superfamily:</b> YmcC-like <b>Family:</b> YmcC-like
81	<a href="#">d2fnja1</a>	Alignment	not modelled	19.0	10	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> SPRY domain
82	<a href="#">d2fb5a1</a>	Alignment	not modelled	19.0	22	<b>Fold:</b> YojJ-like <b>Superfamily:</b> YojJ-like <b>Family:</b> YojJ-like
83	<a href="#">c5fraD_</a>	Alignment	not modelled	18.6	23	<b>PDB header:</b> sugar binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> sialidase; <b>PDBTitle:</b> cbm40_cpf0721-6'sl
84	<a href="#">c5c33B_</a>	Alignment	not modelled	17.9	14	<b>PDB header:</b> contractile protein <b>Chain:</b> B: <b>PDB Molecule:</b> ryanodine receptor 2; <b>PDBTitle:</b> crystal structure of mouse ryanodine receptor 2 spry1 domain
85	<a href="#">c2bg9B_</a>	Alignment	not modelled	17.9	11	<b>PDB header:</b> ion channel/receptor <b>Chain:</b> B: <b>PDB Molecule:</b> acetylcholine receptor protein, beta chain; <b>PDBTitle:</b> refined structure of the nicotinic acetylcholine receptor2 at 4a resolution.
86	<a href="#">d1ccza2</a>	Alignment	not modelled	17.7	8	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> Immunoglobulin <b>Family:</b> C2 set domains
87	<a href="#">d1epwa1</a>	Alignment	not modelled	17.7	15	<b>Fold:</b> Concanavalin A-like lectins/glucanases <b>Superfamily:</b> Concanavalin A-like lectins/glucanases <b>Family:</b> Clostridium neurotoxins, the second last domain
88	<a href="#">c1ue7A_</a>	Alignment	not modelled	17.2	20	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> single-strand binding protein; <b>PDBTitle:</b> crystal structure of the single-stranded dna-binding2 protein from mycobacterium tuberculosis
89	<a href="#">c2vkyB_</a>	Alignment	not modelled	17.0	32	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> tail protein, piigcn4; <b>PDBTitle:</b> headbinding domain of phage p22 tailspike c-terminally fused to2 isoleucine zipper piigcn4 (chimera i)
90	<a href="#">c2g8yB_</a>	Alignment	not modelled	16.9	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> malate/l-lactate dehydrogenases; <b>PDBTitle:</b> the structure of a putative malate/lactate dehydrogenase from e. coli.
91	<a href="#">c2kppA_</a>	Alignment	not modelled	16.8	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> lin0431 protein; <b>PDBTitle:</b> solution nmr structure of lin0431 protein from listeria innocua.2 northeast structural genomics consortium target lkr112
92	<a href="#">c5t5iL_</a>	Alignment	not modelled	16.7	28	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> tungsten formylmethanofuran dehydrogenase subunit fwdd; <b>PDBTitle:</b> tungsten-containing formylmethanofuran dehydrogenase from2 methanothermobacter wolfeii, orthorhombic form at 1.9 a
93	<a href="#">d2jioa1</a>	Alignment	not modelled	16.7	16	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
94	<a href="#">d1h0ha1</a>	Alignment	not modelled	16.5	19	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
95	<a href="#">c4owtB_</a>	Alignment	not modelled	16.4	22	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> soss complex subunit b1; <b>PDBTitle:</b> structural basis of soss1 complex assembly
96	<a href="#">c6hinA_</a>	Alignment	not modelled	16.3	13	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> 5-hydroxytryptamine receptor 3a; <b>PDBTitle:</b> mouse serotonin 5-ht3 receptor, serotonin-bound, f conformation
97	<a href="#">c1mp9B_</a>	Alignment	not modelled	16.2	24	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> tata-binding protein; <b>PDBTitle:</b> tbp from a mesothermophilic archaeon, sulfolobus acidocaldarius
98	<a href="#">c2v73B_</a>	Alignment	not modelled	16.0	14	<b>PDB header:</b> sugar-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> putative exo-alpha-sialidase; <b>PDBTitle:</b> the structure of the family 40 cbm from c. perfringens nanj2 in complex with a sialic acid containing molecule
99	<a href="#">c3eivB_</a>	Alignment	not modelled	15.8	15	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> single-stranded dna-binding protein 2; <b>PDBTitle:</b> crystal structure of single-stranded dna-binding protein2 from streptomyces coelicolor