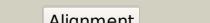
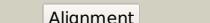
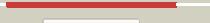
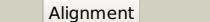
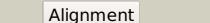
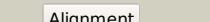
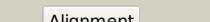
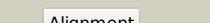
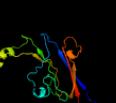
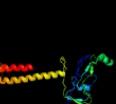


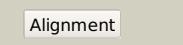
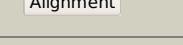
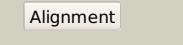
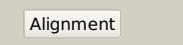
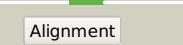
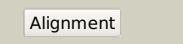
# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD0667_(rpoB)_759810_763328
Date	Fri Jul 26 01:50:23 BST 2019
Unique Job ID	45c45dc0742dc1a2

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3lu0C_</a>			100.0	58	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> molecular model of escherichia coli core rna polymerase
2	<a href="#">c6j9eC_</a>			100.0	56	<b>PDB header:</b> transcription <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> cryo-em structure of xanthomonos oryzae transcription elongation2 complex with nusa and the bacteriophage protein p7
3	<a href="#">c5tw1C_</a>			100.0	93	<b>PDB header:</b> transcription activator/transferase/dna <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of a mycobacterium smegmatis transcription2 initiation complex with rbpA
4	<a href="#">d1smyc_</a>			100.0	52	<b>Fold:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Superfamily:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Family:</b> RNA-polymerase beta
5	<a href="#">d1ynjc1</a>			100.0	51	<b>Fold:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Superfamily:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Family:</b> RNA-polymerase beta
6	<a href="#">c6dcfC_</a>			100.0	95	<b>PDB header:</b> transcription/dna/antibiotic <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of a mycobacterium smegmatis transcription2 initiation complex with rifampicin-resistant rna polymerase and bound3 to kanglemycin a
7	<a href="#">c4c2mQ_</a>			100.0	24	<b>PDB header:</b> transcription <b>Chain:</b> Q: <b>PDB Molecule:</b> dna-directed rna polymerase i subunit rpa135; <b>PDBTitle:</b> structure of rna polymerase i at 2.8 a resolution
8	<a href="#">c3iydC_</a>			100.0	57	<b>PDB header:</b> transcription/dna <b>Chain:</b> C: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> three-dimensional em structure of an intact activator-dependent2 transcription initiation complex
9	<a href="#">c5flmB_</a>			100.0	27	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase ii subunit rpb2; <b>PDBTitle:</b> structure of transcribing mammalian rna polymerase ii
10	<a href="#">c5fj9B_</a>			100.0	27	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase iii subunit rpc2; <b>PDBTitle:</b> cryo-em structure of yeast apo rna polymerase iii at 4.6 a
11	<a href="#">c2pmzB_</a>			100.0	31	<b>PDB header:</b> translation, transferase <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit b; <b>PDBTitle:</b> archaeal rna polymerase from sulfolobus solfataricus

12	<a href="#">c3h0gN</a>	Alignment		100.0	27	<b>PDB header:</b> transcription <b>Chain:</b> N: <b>PDB Molecule:</b> dna-directed rna polymerase ii subunit rpb2; <b>PDBTitle:</b> rna polymerase ii from schizosaccharomyces pombe
13	<a href="#">d1twfb</a>	Alignment		100.0	27	<b>Fold:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Superfamily:</b> beta and beta-prime subunits of DNA dependent RNA-polymerase <b>Family:</b> RNA-polymerase beta
14	<a href="#">c4giwB</a>	Alignment		100.0	31	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase; <b>PDBTitle:</b> crystal structure of euryarchaeal rna polymerase from thermococcus2 kodakarensis
15	<a href="#">c4kbmA</a>	Alignment		100.0	99	<b>PDB header:</b> transferase/transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> structure of the mtb card/rnап beta subunit b1-b2 domains complex
16	<a href="#">c3mlqD</a>	Alignment		100.0	55	<b>PDB header:</b> transferase/transcription <b>Chain:</b> D: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of the thermus thermophilus transcription-repair2 coupling factor rna polymerase interacting domain with the thermus3 aquaticus rna polymerase beta1 domain
17	<a href="#">c3mlqB</a>	Alignment		100.0	44	<b>PDB header:</b> transferase/transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of the thermus thermophilus transcription-repair2 coupling factor rna polymerase interacting domain with the thermus3 aquaticus rna polymerase beta1 domain
18	<a href="#">c2ly7A</a>	Alignment		100.0	74	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> b-flap domain of rna polymerase (B. subtilis)
19	<a href="#">c3tbiB</a>	Alignment		100.0	44	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of t4 gp33 bound to E. coli rnap beta-flap domain
20	<a href="#">c3ltiA</a>	Alignment		100.0	50	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of escherichia coli rna polymerase beta subunit2 beta2-beta4 domains
21	<a href="#">c3qqcA</a>	Alignment	not modelled	99.4	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase subunit b, dna-directed rna <b>PDBTitle:</b> crystal structure of archaeal spt4/5 bound to the rnap clamp domain
22	<a href="#">c5j1IA</a>	Alignment	not modelled	93.5	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> toxr-activated gene (tage); <b>PDBTitle:</b> crystal structure of csd1-csd2 dimer i
23	<a href="#">c2lmcB</a>	Alignment	not modelled	92.8	27	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> structure of t7 transcription factor gp2-E. coli rnap jaw domain2 complex
24	<a href="#">c2gu1A</a>	Alignment	not modelled	89.9	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> zinc peptidase; <b>PDBTitle:</b> crystal structure of a zinc containing peptidase from2 vibrio cholerae
25	<a href="#">c2hs1B</a>	Alignment	not modelled	89.3	26	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative peptidase m23; <b>PDBTitle:</b> crystal structure of putative peptidase m23 from2 pseudomonas aeruginosa, new york structural genomics3 consortium
26	<a href="#">c3sluB</a>	Alignment	not modelled	84.0	27	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> m23 peptidase domain protein; <b>PDBTitle:</b> crystal structure of nmb0315
27	<a href="#">c5j1mD</a>	Alignment	not modelled	80.6	23	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> toxr-activated gene (tage); <b>PDBTitle:</b> crystal structure of csd1-csd2 dimer ii
28	<a href="#">d1qwyA</a>	Alignment	not modelled	80.4	31	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Peptidoglycan hydrolase LytM

29	<a href="#">c4bh5B</a>		Alignment	not modelled	79.7	33	<b>PDB header:</b> cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> murein hydrolase activator envc; <b>PDBTitle:</b> lytm domain of envc, an activator of cell wall amidases in2 escherichia coli
30	<a href="#">c4rnzA</a>		Alignment	not modelled	74.6	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> conserved hypothetical secreted protein; <b>PDBTitle:</b> structure of helicobacter pylori csd3 from the hexagonal crystal
31	<a href="#">c5gt1A</a>		Alignment	not modelled	73.9	24	<b>PDB header:</b> choline-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> choline binding protein a; <b>PDBTitle:</b> crystal structure of cbpa from l. salivarius ren
32	<a href="#">c2aujD</a>		Alignment	not modelled	73.4	25	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> dna-directed rna polymerase beta' chain; <b>PDBTitle:</b> structure of thermus aquaticus rna polymerase beta'-subunit2 insert
33	<a href="#">c4lxca</a>		Alignment	not modelled	73.1	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lysostaphin; <b>PDBTitle:</b> the antimicrobial peptidase lysostaphin from staphylococcus simulans
34	<a href="#">c4qpbB</a>		Alignment	not modelled	71.5	32	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> lysostaphin; <b>PDBTitle:</b> catalytic domain of the antimicrobial peptidase lysostaphin from2 staphylococcus simulans crystallized in the absence of phosphate
35	<a href="#">c3tufB</a>		Alignment	not modelled	71.3	30	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> stage ii sporulation protein q; <b>PDBTitle:</b> structure of the spoIIQ-spoIIIA pore forming complex.
36	<a href="#">c5kvpA</a>		Alignment	not modelled	68.4	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> zoocin a endopeptidase; <b>PDBTitle:</b> solution structure of the catalytic domain of zoocin a
37	<a href="#">c2b44A</a>		Alignment	not modelled	64.3	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycyl-glycine endopeptidase lytm; <b>PDBTitle:</b> truncated s. aureus lytm, p 32 2 1 crystal form
38	<a href="#">c3uz0D</a>		Alignment	not modelled	61.5	29	<b>PDB header:</b> transport protein <b>Chain:</b> D: <b>PDB Molecule:</b> stage ii sporulation protein q; <b>PDBTitle:</b> crystal structure of spoIIAH and spoIIQ complex
39	<a href="#">c2aukA</a>		Alignment	not modelled	56.6	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase beta' chain; <b>PDBTitle:</b> structure of e. coli rna polymerase beta' g/g' insert
40	<a href="#">d1r46a1</a>		Alignment	not modelled	54.4	24	<b>Fold:</b> Glycosyl hydrolase domain <b>Superfamily:</b> Glycosyl hydrolase domain <b>Family:</b> alpha-Amylases, C-terminal beta-sheet domain
41	<a href="#">c6ekaB</a>		Alignment	not modelled	47.1	86	<b>PDB header:</b> protein fibril <b>Chain:</b> B: <b>PDB Molecule:</b> podospora anserina s mat+ genomic dna chromosome 3, <b>PDBTitle:</b> solid-state mas nmr structure of the hellf prion amyloid fibrils
42	<a href="#">c5kqbA</a>		Alignment	not modelled	47.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidase m23; <b>PDBTitle:</b> identification and structural characterization of lytu
43	<a href="#">c5b0hb</a>		Alignment	not modelled	44.6	11	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> leukocyte cell-derived chemotaxin-2; <b>PDBTitle:</b> crystal structure of human leukocyte cell-derived chemotaxin 2
44	<a href="#">c3nyyA</a>		Alignment	not modelled	44.6	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative glycyl-glycine endopeptidase lytm; <b>PDBTitle:</b> crystal structure of a putative glycyl-glycine endopeptidase lytm2 (rumgna_02482) from ruminococcus gnatus atcc 29149 at 1.60 a3 resolution
45	<a href="#">c4yk3B</a>		Alignment	not modelled	42.1	30	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> bepe protein; <b>PDBTitle:</b> crystal structure of the bid domain of bepe from bartonella henselae
46	<a href="#">c4yk2B</a>		Alignment	not modelled	42.1	20	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> bartonella effector protein (bep) substrate of virB t4ss; <b>PDBTitle:</b> crystal structure of the bid domain of bep9 from bartonella2 claridgeiae
47	<a href="#">d2gpra</a>		Alignment	not modelled	42.1	16	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
48	<a href="#">d1glaf</a>		Alignment	not modelled	40.3	20	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
49	<a href="#">d2f3ga</a>		Alignment	not modelled	36.5	20	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
50	<a href="#">d1gpra</a>		Alignment	not modelled	35.9	28	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
51	<a href="#">c2ivfc</a>		Alignment	not modelled	35.0	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> ethylbenzene dehydrogenase gamma-subunit; <b>PDBTitle:</b> ethylbenzene dehydrogenase from aromatoleum aromaticum
52	<a href="#">d1uc8a1</a>		Alignment	not modelled	32.3	18	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> Lysine biosynthesis enzyme LysX, N-terminal domain
53	<a href="#">c2gtiA</a>		Alignment	not modelled	32.2	16	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> replicase polyprotein 1ab; <b>PDBTitle:</b> mutation of mhv coronavirus non-structural protein nsp15 (f307i)
							<b>PDB header:</b> protein binding

54	<a href="#">c4yk1A</a>	Alignment	not modelled	29.7	10	<b>Chain:</b> A: <b>PDB Molecule:</b> bartonella effector protein (bep) substrate of virb t4ss; <b>PDBTitle:</b> crystal structure of the bid domain of bep6 from bartonella rochalimae
55	<a href="#">c1wcoN</a>	Alignment	not modelled	29.1	86	<b>PDB header:</b> peptide/antibiotic <b>Chain:</b> N: <b>PDB Molecule:</b> nisin z; <b>PDBTitle:</b> the solution structure of the nisin-lipid ii complex
56	<a href="#">d1y4oa1</a>	Alignment	not modelled	28.8	53	<b>Fold:</b> Profilin-like <b>Superfamily:</b> Roadblock/LC7 domain <b>Family:</b> Roadblock/LC7 domain
57	<a href="#">c6h5nA</a>	Alignment	not modelled	27.8	27	<b>PDB header:</b> cell invasion <b>Chain:</b> A: <b>PDB Molecule:</b> gametocyte surface protein p45/48; <b>PDBTitle:</b> plasmodium falciparum pfs48/45 c-terminal domain bound to monoclonal2 antibody 85rf45.1
58	<a href="#">d1n26a2</a>	Alignment	not modelled	26.6	14	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> Fibronectin type III <b>Family:</b> Fibronectin type III
59	<a href="#">c4p6vA</a>	Alignment	not modelled	25.8	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> na(+) -translocating nadh-quinone reductase subunit a; <b>PDBTitle:</b> crystal structure of the na+-translocating nadh: ubiquinone2 oxidoreductase from vibrio cholerae
60	<a href="#">d1gm5a4</a>	Alignment	not modelled	25.6	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Tandem AAA-ATPase domain
61	<a href="#">c2db3D</a>	Alignment	not modelled	24.8	33	<b>PDB header:</b> hydrolase/rna <b>Chain:</b> D: <b>PDB Molecule:</b> atp-dependent rna helicase vasa; <b>PDBTitle:</b> structural basis for rna unwinding by the dead-box protein2 drosophila vasa
62	<a href="#">c4iqzD</a>	Alignment	not modelled	24.2	16	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta'; <b>PDBTitle:</b> the crystal structure of a large insert in rna polymerase (rpoc)2 subunit from e. coli
63	<a href="#">d1ni7a</a>	Alignment	not modelled	23.8	18	<b>Fold:</b> SufE/NifU <b>Superfamily:</b> SufE/NifU <b>Family:</b> SufE-like
64	<a href="#">c4nhoA</a>	Alignment	not modelled	22.5	38	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable atp-dependent rna helicase ddx23; <b>PDBTitle:</b> structure of the spliceosomal dead-box protein prp28
65	<a href="#">d1lk5a2</a>	Alignment	not modelled	22.4	17	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> D-ribose-5-phosphate isomerase (RpiA), lid domain <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), lid domain
66	<a href="#">d2eyqa5</a>	Alignment	not modelled	22.3	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Tandem AAA-ATPase domain
67	<a href="#">d1mzga</a>	Alignment	not modelled	21.8	14	<b>Fold:</b> SufE/NifU <b>Superfamily:</b> SufE/NifU <b>Family:</b> SufE-like
68	<a href="#">c4meiA</a>	Alignment	not modelled	21.2	16	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> virb8 protein; <b>PDBTitle:</b> crystal structure of a virb8 type iv secretion system machinery2 soluble domain from bartonella tribocorum
69	<a href="#">c5m88A</a>	Alignment	not modelled	21.0	23	<b>PDB header:</b> splicing <b>Chain:</b> A: <b>PDB Molecule:</b> core; <b>PDBTitle:</b> spliceosome component
70	<a href="#">c5c22A</a>	Alignment	not modelled	21.0	53	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> chromosomal hemolysin d; <b>PDBTitle:</b> crystal structure of zn-bound hlyd from e. coli
71	<a href="#">c4bmjC</a>	Alignment	not modelled	20.4	50	<b>PDB header:</b> apoptosis <b>Chain:</b> C: <b>PDB Molecule:</b> tax1-binding protein 1; <b>PDBTitle:</b> structure of the ubz1and2 tandem of the ubiquitin-binding adaptor2 protein tax1bp1
72	<a href="#">c4l0zA</a>	Alignment	not modelled	20.4	21	<b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> runt-related transcription factor 1; <b>PDBTitle:</b> crystal structure of runx1 and ets1 bound to tcr alpha promoter2 (crystal form 2)
73	<a href="#">c1rb8J</a>	Alignment	not modelled	20.2	55	<b>PDB header:</b> virus/dna <b>Chain:</b> J: <b>PDB Molecule:</b> small core protein; <b>PDBTitle:</b> the phix174 dna binding protein j in two different capsid2 environments.
74	<a href="#">c3mjhD</a>	Alignment	not modelled	19.9	50	<b>PDB header:</b> protein transport <b>Chain:</b> D: <b>PDB Molecule:</b> early endosome antigen 1; <b>PDBTitle:</b> crystal structure of human rab5a in complex with the c2h2 zinc finger2 of eea1
75	<a href="#">c3bxzA</a>	Alignment	not modelled	19.7	39	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> preprotein translocase subunit seca; <b>PDBTitle:</b> crystal structure of the isolated dead motor domains from escherichia2 coli seca
76	<a href="#">c4upcA</a>	Alignment	not modelled	19.7	20	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> nicastrin; <b>PDBTitle:</b> structure of a extracellular domain
77	<a href="#">c5xyiT</a>	Alignment	not modelled	19.5	20	<b>PDB header:</b> ribosome <b>Chain:</b> T: <b>PDB Molecule:</b> ribosomal protein s19e, putative; <b>PDBTitle:</b> small subunit of trichomonas vaginalis ribosome
78	<a href="#">c2vb0A</a>	Alignment	not modelled	19.2	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> polyprotein 3bcd; <b>PDBTitle:</b> crystal structure of coxsackievirus b3 proteinase 3c
79	<a href="#">c2nu9E</a>	Alignment	not modelled	18.3	21	<b>PDB header:</b> ligase <b>Chain:</b> E: <b>PDB Molecule:</b> succinyl-coa synthetase beta chain; <b>PDBTitle:</b> c123at mutant of e. coli succinyl-coa synthetase2 orthorhombic crystal form <b>Fold:</b> FwdE/GAPDH domain-like

80	<a href="#">d1cf2o2</a>	Alignment	not modelled	18.3	29	<b>Superfamily:</b> Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain <b>Family:</b> GAPDH-like
81	<a href="#">c5xxul</a>	Alignment	not modelled	17.3	35	<b>PDB header:</b> ribosome <b>Chain:</b> I: <b>PDB Molecule:</b> ribosomal protein es8; <b>PDBTitle:</b> small subunit of toxoplasma gondii ribosome
82	<a href="#">c5gmkq</a>	Alignment	not modelled	17.2	24	<b>PDB header:</b> rna binding protein/rna <b>Chain:</b> Q: <b>PDB Molecule:</b> pre-mrna-splicing factor slt11; <b>PDBTitle:</b> cryo-em structure of the catalytic step i spliceosome (c complex) at2 3.4 angstrom resolution
83	<a href="#">c3it5B</a>	Alignment	not modelled	17.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protease lasa; <b>PDBTitle:</b> crystal structure of the lasa virulence factor from pseudomonas2 aeruginosa
84	<a href="#">c3cwiA</a>	Alignment	not modelled	16.8	18	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> thiamine-biosynthesis protein this; <b>PDBTitle:</b> crystal structure of thiamine biosynthesis protein (this)2 from geobacter metallireducens. northeast structural3 genomics consortium target gmr137
85	<a href="#">d1tf5a4</a>	Alignment	not modelled	15.8	39	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Tandem AAA-ATPase domain
86	<a href="#">d1d02a</a>	Alignment	not modelled	15.5	17	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Restriction endonuclease MunI
87	<a href="#">d1px5a1</a>	Alignment	not modelled	15.3	28	<b>Fold:</b> PAP/OAS1 substrate-binding domain <b>Superfamily:</b> PAP/OAS1 substrate-binding domain <b>Family:</b> 2'-5'-oligoadenylate synthetase 1, OAS1, second domain
88	<a href="#">c6em5b</a>	Alignment	not modelled	15.3	25	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> 60s ribosomal protein l3; <b>PDBTitle:</b> state d architectural model (nsa1-tap flag-ytm1) - visualizing the2 assembly pathway of nucleolar pre-60s ribosomes
89	<a href="#">c6g2jY</a>	Alignment	not modelled	15.2	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> Y: <b>PDB Molecule:</b> mcg5603; <b>PDBTitle:</b> mouse mitochondrial complex i in the active state
90	<a href="#">c4nhfF</a>	Alignment	not modelled	15.2	17	<b>PDB header:</b> protein transport <b>Chain:</b> F: <b>PDB Molecule:</b> trwg protein; <b>PDBTitle:</b> crystal structure of the soluble domain of trwg type iv secretion2 machinery from bartonella grahamii
91	<a href="#">c3izbX</a>	Alignment	not modelled	15.2	42	<b>PDB header:</b> ribosome <b>Chain:</b> X: <b>PDB Molecule:</b> 40s ribosomal protein rps27 (s27e); <b>PDBTitle:</b> localization of the small subunit ribosomal proteins into a 6.1 a2 cryo-em map of saccharomyces cerevisiae translating 80s ribosome
92	<a href="#">c3j20W</a>	Alignment	not modelled	15.1	33	<b>PDB header:</b> ribosome <b>Chain:</b> W: <b>PDB Molecule:</b> 30s ribosomal protein s27e; <b>PDBTitle:</b> promiscuous behavior of proteins in archaeal ribosomes revealed by2 cryo-em: implications for evolution of eukaryotic ribosomes (30S ribosomal subunit)
93	<a href="#">c1gjIA</a>	Alignment	not modelled	15.0	35	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> lap2; <b>PDBTitle:</b> n-terminal constant region of the nuclear envelope protein2 lap2
94	<a href="#">c2qhoB</a>	Alignment	not modelled	14.9	52	<b>PDB header:</b> protein binding/ligase <b>Chain:</b> B: <b>PDB Molecule:</b> e3 ubiquitin-protein ligase edd1; <b>PDBTitle:</b> crystal structure of the uba domain from edd ubiquitin2 ligase in complex with ubiquitin
95	<a href="#">c1m1jA</a>	Alignment	not modelled	14.9	50	<b>PDB header:</b> blood clotting <b>Chain:</b> A: <b>PDB Molecule:</b> fibrinogen alpha subunit; <b>PDBTitle:</b> crystal structure of native chicken fibrinogen with two different2 bound ligands
96	<a href="#">c2f1mA</a>	Alignment	not modelled	14.8	20	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> acriflavine resistance protein a; <b>PDBTitle:</b> conformational flexibility in the multidrug efflux system protein acra
97	<a href="#">c3wfoB</a>	Alignment	not modelled	14.8	34	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> poly a polymerase; <b>PDBTitle:</b> trna processing enzyme (apo form 1)
98	<a href="#">c1bpIA</a>	Alignment	not modelled	14.6	26	<b>PDB header:</b> glycosyltransferase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-1,4-glucan-4-glucanohydrolase; <b>PDBTitle:</b> glycosyltransferase
99	<a href="#">c2bhme</a>	Alignment	not modelled	14.6	8	<b>PDB header:</b> bacterial protein <b>Chain:</b> E: <b>PDB Molecule:</b> type iv secretion system protein virb8; <b>PDBTitle:</b> crystal structure of virb8 from brucella suis