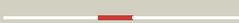
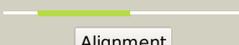
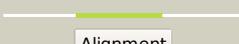
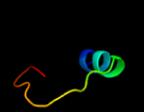
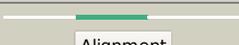
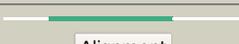
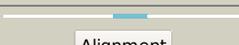
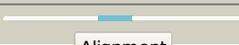


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3730c_(-)_4180858_4181898
Date	Fri Aug 9 18:20:43 BST 2019
Unique Job ID	ecd80d86922dcf99

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5op0B_</a>	 Alignment		100.0	80	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> dna polymerase ligd, polymerase domain; <b>PDBTitle:</b> structure of prim-polc from mycobacterium smegmatis
2	<a href="#">c5dmuA_</a>	 Alignment		100.0	32	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> nhej polymerase; <b>PDBTitle:</b> structure of the nhej polymerase from methanocella paludicola
3	<a href="#">c2fa0B_</a>	 Alignment		100.0	30	<b>PDB header:</b> hydrolase/transferase <b>Chain:</b> B; <b>PDB Molecule:</b> probable atp-dependent dna ligase; <b>PDBTitle:</b> crystal structure of pseudomonas aeruginosa ligd polymerase2 domain
4	<a href="#">c2iruA_</a>	 Alignment		100.0	27	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> putative dna ligase-like protein rv0938/mt0965; <b>PDBTitle:</b> crystal structure of the polymerase domain from mycobacterium2 tuberculosis ligase d
5	<a href="#">d1zt2a1</a>	 Alignment		97.7	20	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
6	<a href="#">c4bpxC_</a>	 Alignment		96.7	14	<b>PDB header:</b> transferase <b>Chain:</b> C; <b>PDB Molecule:</b> dna primase small subunit; <b>PDBTitle:</b> crystal structure of human primase in complex with the primase-2 binding motif of dna polymerase alpha
7	<a href="#">d1v33a_</a>	 Alignment		96.6	31	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
8	<a href="#">d1g71a_</a>	 Alignment		96.3	35	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
9	<a href="#">c4limA_</a>	 Alignment		96.2	21	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> dna primase small subunit; <b>PDBTitle:</b> crystal structure of the catalytic subunit of yeast primase
10	<a href="#">c6a9wA_</a>	 Alignment		81.6	29	<b>PDB header:</b> replication <b>Chain:</b> A; <b>PDB Molecule:</b> primase; <b>PDBTitle:</b> structure of the bifunctional dna primase-polymerase from phage nrs-1
11	<a href="#">d1k1sa2</a>	 Alignment		79.7	10	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain

12	<a href="#">c5gl6A_</a>	 Alignment		74.9	8	<b>PDB header:</b> ribosomal protein <b>Chain:</b> A: <b>PDB Molecule:</b> ribosome maturation factor rimp; <b>PDBTitle:</b> msmeg rimp
13	<a href="#">d1ro0a_</a>	 Alignment		72.4	19	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> Bifunctional DNA primase/polymerase N-terminal domain
14	<a href="#">c4baxH_</a>	 Alignment		63.2	17	<b>PDB header:</b> ligase <b>Chain:</b> H: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from streptomyces2 coelicolor
15	<a href="#">d1jx4a2</a>	 Alignment		61.7	12	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
16	<a href="#">c2d3aj_</a>	 Alignment		61.4	23	<b>PDB header:</b> ligase <b>Chain:</b> J: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of the maize glutamine synthetase2 complexed with adp and methionine sulfoximine phosphate
17	<a href="#">c3ebkA_</a>	 Alignment		57.8	24	<b>PDB header:</b> allergen <b>Chain:</b> A: <b>PDB Molecule:</b> allergen bla g 4; <b>PDBTitle:</b> crystal structure of major allergens, bla g 4 from cockroaches
18	<a href="#">c4is4G_</a>	 Alignment		52.7	21	<b>PDB header:</b> ligase <b>Chain:</b> G: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> the glutamine synthetase from the dicotyledonous plant m. truncatula2 is a decamer
19	<a href="#">c4kl0A_</a>	 Alignment		51.6	18	<b>PDB header:</b> calcium binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of the effector protein xoo4466
20	<a href="#">c5yrzD_</a>	 Alignment		47.1	35	<b>PDB header:</b> antitoxin/hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> hica; <b>PDBTitle:</b> toxin-antitoxin complex from streptococcus pneumoniae
21	<a href="#">c5yrzB_</a>	 Alignment	not modelled	46.7	35	<b>PDB header:</b> antitoxin/hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> hica; <b>PDBTitle:</b> toxin-antitoxin complex from streptococcus pneumoniae
22	<a href="#">c2qc8J_</a>	 Alignment	not modelled	45.8	18	<b>PDB header:</b> ligase <b>Chain:</b> J: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of human glutamine synthetase in complex with adp2 and methionine sulfoximine phosphate
23	<a href="#">c5kodA_</a>	 Alignment	not modelled	41.6	12	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> indole-3-acetic acid-amido synthetase gh3.5; <b>PDBTitle:</b> crystal structure of gh3.5 acyl acid amido synthetase from arabidopsis2 thaliana
24	<a href="#">c3qajL_</a>	 Alignment	not modelled	41.2	13	<b>PDB header:</b> ligase <b>Chain:</b> L: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> x-ray crystal structure of glutamine synthetase from bacillus subtilis2 cocrystallized with atp
25	<a href="#">c3osrA_</a>	 Alignment	not modelled	39.2	19	<b>PDB header:</b> fluorescent protein, transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> maltose-binding periplasmic protein,green fluorescent <b>PDBTitle:</b> maltose-bound maltose sensor engineered by insertion of circularly2 permuted green fluorescent protein into e. coli maltose binding3 protein at position 311
26	<a href="#">d2r7ka2</a>	 Alignment	not modelled	38.9	23	<b>Fold:</b> ATP-grasp <b>Superfamily:</b> Glutathione synthetase ATP-binding domain-like <b>Family:</b> PurP ATP-binding domain-like
27	<a href="#">c2bf9A_</a>	 Alignment	not modelled	38.4	18	<b>PDB header:</b> hormone <b>Chain:</b> A: <b>PDB Molecule:</b> pancreatic hormone; <b>PDBTitle:</b> anisotropic refinement of avian (turkey) pancreatic polypeptide at 0.2 99 angstroms resolution.
28	<a href="#">c3m1mA_</a>	 Alignment	not modelled	37.7	14	<b>PDB header:</b> replication <b>Chain:</b> A: <b>PDB Molecule:</b> orf904;

28	<a href="#">c3m1m1A_</a>	Alignment	not modelled	37.7	14	<b>PDBTitle:</b> crystal structure of the primase-polymerase from <i>sulfolobus islandicus</i>
29	<a href="#">d1m4a_</a>	Alignment	not modelled	36.8	13	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
30	<a href="#">c1s21A_</a>	Alignment	not modelled	36.8	10	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> orf2; <b>PDBTitle:</b> crystal structure of avrpphf orf2, a type iii effector from <i>p.2 syringae</i>
31	<a href="#">d1s21a_</a>	Alignment	not modelled	36.8	10	<b>Fold:</b> ADP-ribosylation <b>Superfamily:</b> ADP-ribosylation <b>Family:</b> AvrPphF ORF2, a type III effector
32	<a href="#">c1t25A_</a>	Alignment	not modelled	36.7	24	<b>PDB header:</b> hormone/growth factor <b>Chain:</b> A: <b>PDB Molecule:</b> chimera of pancreatic hormone and neuropeptide y; <b>PDBTitle:</b> [pnpy19-23]-hpp bound to dpc micelles
33	<a href="#">c3cqkB_</a>	Alignment	not modelled	36.6	9	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> l-ribulose-5-phosphate 3-epimerase ulae; <b>PDBTitle:</b> crystal structure of l-xylulose-5-phosphate 3-epimerase ulae (form b)2 complex with zn2+ and sulfate
34	<a href="#">c4hppA_</a>	Alignment	not modelled	35.2	19	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> probable glutamine synthetase; <b>PDBTitle:</b> crystal structure of novel glutamine synthase homolog
35	<a href="#">c5f4zB_</a>	Alignment	not modelled	34.7	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> epoxide hydrolase; <b>PDBTitle:</b> the crystal structure of an epoxide hydrolase from <i>streptomyces2 carzinostaticus</i> subsp. <i>neocarzinostaticus</i>
36	<a href="#">c2xj9B_</a>	Alignment	not modelled	34.5	32	<b>PDB header:</b> replication <b>Chain:</b> B: <b>PDB Molecule:</b> mipz; <b>PDBTitle:</b> dimer structure of the bacterial cell division regulator mipz
37	<a href="#">d2bvca2</a>	Alignment	not modelled	34.0	8	<b>Fold:</b> Glutamine synthetase/guanido kinase <b>Superfamily:</b> Glutamine synthetase/guanido kinase <b>Family:</b> Glutamine synthetase catalytic domain
38	<a href="#">c4eplA_</a>	Alignment	not modelled	33.6	13	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> jasmonic acid-amido synthetase jar1; <b>PDBTitle:</b> crystal structure of arabidopsis thaliana gh3.11 (jar1) in complex2 with ja-ile
39	<a href="#">c1ronA_</a>	Alignment	not modelled	33.2	19	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> neuropeptide y; <b>PDBTitle:</b> nmr solution structure of human neuropeptide y
40	<a href="#">c5zlpH_</a>	Alignment	not modelled	33.0	10	<b>PDB header:</b> ligase <b>Chain:</b> H: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from <i>helicobacter pylori</i>
41	<a href="#">c2dezA_</a>	Alignment	not modelled	32.3	21	<b>PDB header:</b> neuropeptide <b>Chain:</b> A: <b>PDB Molecule:</b> peptide yy; <b>PDBTitle:</b> structure of human ppy
42	<a href="#">c3nezA_</a>	Alignment	not modelled	29.9	10	<b>PDB header:</b> fluorescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> mrojoa; <b>PDBTitle:</b> mrojoa
43	<a href="#">c5lnkn_</a>	Alignment	not modelled	29.7	44	<b>PDB header:</b> oxidoreductase <b>Chain:</b> N: <b>PDB Molecule:</b> mitochondrial complex i, nd2 subunit; <b>PDBTitle:</b> entire ovine respiratory complex i
44	<a href="#">c5dm3A_</a>	Alignment	not modelled	29.2	7	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> l-glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from <i>chromohalobacter2 salexigens</i> dsm 3043(csa1_0679, target efi-550015) with bound adp
45	<a href="#">c4s17E_</a>	Alignment	not modelled	28.4	11	<b>PDB header:</b> ligase <b>Chain:</b> E: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> the crystal structure of glutamine synthetase from <i>bifidobacterium2 adolescentis</i> atcc 15703
46	<a href="#">c4rq9A_</a>	Alignment	not modelled	28.3	17	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> photoreceptor-histidine kinase bphp; <b>PDBTitle:</b> crystal structure of the chromophore-binding domain of <i>stigmatella2 aurantiaca</i> bacteriophytochrome (thr289his mutant) in the pr state
47	<a href="#">c5l2xA_</a>	Alignment	not modelled	27.9	16	<b>PDB header:</b> transferase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed primase/polymerase protein; <b>PDBTitle:</b> crystal structure of human primg1 ternary complex
48	<a href="#">c2icrD_</a>	Alignment	not modelled	26.7	18	<b>PDB header:</b> fluorescent protein <b>Chain:</b> D: <b>PDB Molecule:</b> red fluorescent protein zoanrfp; <b>PDBTitle:</b> red fluorescent protein zrfp574 from <i>zoanthus</i> sp.
49	<a href="#">c3akoG_</a>	Alignment	not modelled	25.5	17	<b>PDB header:</b> fluorescent protein <b>Chain:</b> G: <b>PDB Molecule:</b> venus; <b>PDBTitle:</b> crystal structure of the reassembled venus
50	<a href="#">c2j9iL_</a>	Alignment	not modelled	25.0	14	<b>PDB header:</b> ligase <b>Chain:</b> L: <b>PDB Molecule:</b> glutamate-ammonia ligase domain-containing protein 1; <b>PDBTitle:</b> lengsin is a survivor of an ancient family of class i glutamine2 synthetases in eukaryotes that has undergone evolutionary re-3 engineering for a tissue-specific role in the vertebrate eye lens.
51	<a href="#">d1ib8a2</a>	Alignment	not modelled	24.3	6	<b>Fold:</b> Alpha-lytic protease prodomain-like <b>Superfamily:</b> YhbC-like, N-terminal domain <b>Family:</b> YhbC-like, N-terminal domain
52	<a href="#">c1ib8A_</a>	Alignment	not modelled	23.8	6	<b>PDB header:</b> nucleic acid binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> conserved protein sp14.3; <b>PDBTitle:</b> solution structure and function of a conserved protein2 sp14.3 encoded by an essential <i>streptococcus pneumoniae3</i> gene
53	<a href="#">c3mazA_</a>	Alignment	not modelled	23.4	10	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> signal-transducing adaptor protein 1; <b>PDBTitle:</b> crystal structure of the human brdg1/stap-1 sh2 domain in complex with2 the ntal ptry136 peptide

54	<a href="#">c3menC_</a>	Alignment	not modelled	22.8	33	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> acetylpolymine aminohydrolase; <b>PDBTitle:</b> crystal structure of acetylpolymine aminohydrolase from burkholderia2 pseudomallei, iodide soak
55	<a href="#">d1i5za1</a>	Alignment	not modelled	22.6	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
56	<a href="#">c3s29C_</a>	Alignment	not modelled	22.3	18	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> sucrose synthase 1; <b>PDBTitle:</b> the crystal structure of sucrose synthase-1 from arabidopsis thaliana2 and its functional implications.
57	<a href="#">c3vhtB_</a>	Alignment	not modelled	22.1	18	<b>PDB header:</b> fluorescent protein/protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> green fluorescent protein,atpase wrnip1; <b>PDBTitle:</b> crystal structure of gfp-wrnip1 ubz domain fusion protein in complex2 with ubiquitin
58	<a href="#">c4g9iA_</a>	Alignment	not modelled	21.8	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hydrogenase maturation protein hypf; <b>PDBTitle:</b> crystal structure of t.kodakarensis hypf
59	<a href="#">c3ai5A_</a>	Alignment	not modelled	21.1	18	<b>PDB header:</b> fluorescent protein, transcription <b>Chain:</b> A: <b>PDB Molecule:</b> yeast enhanced green fluorescent protein,ubiquitin; <b>PDBTitle:</b> crystal structure of yeast enhanced green fluorescent protein-2 ubiquitin fusion protein
60	<a href="#">c4jrbA_</a>	Alignment	not modelled	20.4	18	<b>PDB header:</b> lipid binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> green fluorescent protein; <b>PDBTitle:</b> structure of cockroach allergen bla g 1 tandem repeat as a egfp fusion
61	<a href="#">c5dmnA_</a>	Alignment	not modelled	20.2	7	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> homocysteine s-methyltransferase; <b>PDBTitle:</b> crystal structure of the homocysteine methyltransferase mmum from2 escherichia coli, apo form
62	<a href="#">c2d4vD_</a>	Alignment	not modelled	20.0	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> isocitrate dehydrogenase; <b>PDBTitle:</b> crystal structure of nad dependent isocitrate dehydrogenase2 from acidithiobacillus thiooxidans
63	<a href="#">d1hvxa1</a>	Alignment	not modelled	19.8	19	<b>Fold:</b> Glycosyl hydrolase domain <b>Superfamily:</b> Glycosyl hydrolase domain <b>Family:</b> alpha-Amylases, C-terminal beta-sheet domain
64	<a href="#">c4bduC_</a>	Alignment	not modelled	19.6	18	<b>PDB header:</b> apoptosis <b>Chain:</b> C: <b>PDB Molecule:</b> green fluorescent protein, apoptosis regulator bax; <b>PDBTitle:</b> bax bh3-in-groove dimer (gfp)
65	<a href="#">c3nezB_</a>	Alignment	not modelled	19.1	10	<b>PDB header:</b> fluorescent protein <b>Chain:</b> B: <b>PDB Molecule:</b> mrojao; <b>PDBTitle:</b> mrojao
66	<a href="#">c4i2yB_</a>	Alignment	not modelled	18.8	10	<b>PDB header:</b> fluorescent protein <b>Chain:</b> B: <b>PDB Molecule:</b> rgeco1; <b>PDBTitle:</b> crystal structure of the genetically encoded calcium indicator rgeco1
67	<a href="#">d1mywa_</a>	Alignment	not modelled	18.5	17	<b>Fold:</b> GFP-like <b>Superfamily:</b> GFP-like <b>Family:</b> Fluorescent proteins
68	<a href="#">c2yqkA_</a>	Alignment	not modelled	18.4	35	<b>PDB header:</b> transcription/apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> arginine-glutamic acid dipeptide repeats protein; <b>PDBTitle:</b> solution structure of the sant domain in arginine-glutamic2 acid dipeptide (re) repeats
69	<a href="#">c2g3dB_</a>	Alignment	not modelled	18.2	18	<b>PDB header:</b> luminescent protein <b>Chain:</b> B: <b>PDB Molecule:</b> green fluorescent protein; <b>PDBTitle:</b> structure of s65g y66a gfp variant after spontaneous2 peptide hydrolysis
70	<a href="#">c2jadA_</a>	Alignment	not modelled	18.2	18	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> yellow fluorescent protein glutaredoxin fusion protein; <b>PDBTitle:</b> yellow fluorescent protein - glutaredoxin fusion protein
71	<a href="#">c2zo7A_</a>	Alignment	not modelled	17.9	18	<b>PDB header:</b> luminescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> cyan/green-emitting gfp-like protein, kusabira-cyan mutant <b>PDBTitle:</b> crystal structure of a kusabira-cyan mutant (kcy-r1), a cyan/green-2 emitting gfp-like protein
72	<a href="#">c3evpA_</a>	Alignment	not modelled	17.9	18	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> green fluorescent protein,green fluorescent protein; <b>PDBTitle:</b> crystal structure of circular-permuted egfp
73	<a href="#">c4xbiA_</a>	Alignment	not modelled	17.7	18	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> clpb protein, putative,green fluorescent protein; <b>PDBTitle:</b> structure of a malarial protein involved in proteostasis
74	<a href="#">d1kp5a_</a>	Alignment	not modelled	17.3	18	<b>Fold:</b> GFP-like <b>Superfamily:</b> GFP-like <b>Family:</b> Fluorescent proteins
75	<a href="#">c3p42D_</a>	Alignment	not modelled	17.1	11	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> predicted protein; <b>PDBTitle:</b> structure of gfcc (ymcb), protein encoded by the e. coli group 42 capsule operon
76	<a href="#">c6efrA_</a>	Alignment	not modelled	17.1	17	<b>PDB header:</b> choline-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> inicsnfr 1.0, a genetically encoded nicotine biosensor, <b>PDBTitle:</b> crystal structure of inicsnfr 1.0
77	<a href="#">c3ng0A_</a>	Alignment	not modelled	16.8	9	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from synechocystis sp. pcc2 6803
78	<a href="#">d2fhzb1</a>	Alignment	not modelled	16.8	20	<b>Fold:</b> Colicin D/E5 nuclease domain <b>Superfamily:</b> Colicin D/E5 nuclease domain <b>Family:</b> Colicin E5 nuclease domain
79	<a href="#">c4h3zB_</a>	Alignment	not modelled	16.7	11	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> gh3-1 auxin conjugating enzyme;

79	<a href="#">c6uzgB</a>	Alignment	not modelled	16.7	11	<b>PDBTitle:</b> crystal structure of an indole-3-acetic acid amido synthase from vitis2 vinifera involved in auxin homeostasis
80	<a href="#">c6dgvA</a>	Alignment	not modelled	16.6	17	<b>PDB header:</b> fluorescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> fluorescent gaba sensor precursor; <b>PDBTitle:</b> igabasnfr fluorescent gaba sensor precursor
81	<a href="#">c2ddcA</a>	Alignment	not modelled	16.5	15	<b>PDB header:</b> luminescent protein <b>Chain:</b> A: <b>PDB Molecule:</b> photoconvertible fluorescent protein; <b>PDBTitle:</b> unique behavior of a histidine responsible for an engineered green-to-2 red photoconversion process
82	<a href="#">c5j3nA</a>	Alignment	not modelled	16.4	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> green fluorescent protein, hsdR; <b>PDBTitle:</b> c-terminal domain of ecor124i hsdR subunit fused with the ph-sensitive2 gfp variant ratiometric phluorin
83	<a href="#">c1k1qA</a>	Alignment	not modelled	16.4	13	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dbh protein; <b>PDBTitle:</b> crystal structure of a dinb family error prone dna2 polymerase from sulfolobus solfataricus
84	<a href="#">d1oxda</a>	Alignment	not modelled	16.4	18	<b>Fold:</b> GFP-like <b>Superfamily:</b> GFP-like <b>Family:</b> Fluorescent proteins
85	<a href="#">c3rggA</a>	Alignment	not modelled	16.3	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> protein-tyrosine phosphatase mitochondrial 1; <b>PDBTitle:</b> crystal structure of ptprt1 in complex with pi(5)p
86	<a href="#">c4pfeB</a>	Alignment	not modelled	16.0	18	<b>PDB header:</b> fluorescent protein <b>Chain:</b> B: <b>PDB Molecule:</b> green fluorescent protein; <b>PDBTitle:</b> crystal structure of vsfgfp-0
87	<a href="#">d2oz6a1</a>	Alignment	not modelled	15.7	9	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> CAP C-terminal domain-like
88	<a href="#">c4dezA</a>	Alignment	not modelled	15.6	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dna polymerase iv 1; <b>PDBTitle:</b> structure of msdp04
89	<a href="#">d1h6ra</a>	Alignment	not modelled	15.5	18	<b>Fold:</b> GFP-like <b>Superfamily:</b> GFP-like <b>Family:</b> Fluorescent proteins
90	<a href="#">c2oolA</a>	Alignment	not modelled	15.5	16	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> sensor protein; <b>PDBTitle:</b> crystal structure of the chromophore-binding domain of an unusual2 bacteriophytochrome rpbph3 from r. palustris
91	<a href="#">d1u7pa</a>	Alignment	not modelled	15.4	36	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Magnesium-dependent phosphatase-1, Mdp1
92	<a href="#">d2d3na1</a>	Alignment	not modelled	15.3	10	<b>Fold:</b> Glycosyl hydrolase domain <b>Superfamily:</b> Glycosyl hydrolase domain <b>Family:</b> alpha-Amylases, C-terminal beta-sheet domain
93	<a href="#">d2gjpA1</a>	Alignment	not modelled	15.0	10	<b>Fold:</b> Glycosyl hydrolase domain <b>Superfamily:</b> Glycosyl hydrolase domain <b>Family:</b> alpha-Amylases, C-terminal beta-sheet domain
94	<a href="#">c3k9gA</a>	Alignment	not modelled	14.8	17	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> pf-32 protein; <b>PDBTitle:</b> crystal structure of a plasmid partition protein from borrelia2 burgdorferi at 2.25a resolution, iodide soak
95	<a href="#">c1bqfA</a>	Alignment	not modelled	14.8	40	<b>PDB header:</b> hormone/growth factor <b>Chain:</b> A: <b>PDB Molecule:</b> protein (growth-blocking peptide); <b>PDBTitle:</b> growth-blocking peptide (gbp) from pseudaletia separata
96	<a href="#">c3ai4A</a>	Alignment	not modelled	14.6	18	<b>PDB header:</b> fluorescent protein, replication protein, dna polymerase <b>Chain:</b> A: <b>PDB Molecule:</b> yeast enhanced green fluorescent protein - mouse2 polymerase iota ubiquitin binding motif fusion protein <b>PDBTitle:</b> crystal structure of yeast enhanced green fluorescent protein - mouse2 polymerase iota ubiquitin binding motif fusion protein
97	<a href="#">d1e43a1</a>	Alignment	not modelled	14.4	10	<b>Fold:</b> Glycosyl hydrolase domain <b>Superfamily:</b> Glycosyl hydrolase domain <b>Family:</b> alpha-Amylases, C-terminal beta-sheet domain
98	<a href="#">c3evrA</a>	Alignment	not modelled	14.3	18	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> myosin light chain kinase, green fluorescent protein, <b>PDBTitle:</b> crystal structure of calcium bound monomeric gcamp2
99	<a href="#">d1hc7a1</a>	Alignment	not modelled	14.2	23	<b>Fold:</b> Anticodon-binding domain-like <b>Superfamily:</b> Class II aaRS ABD-related <b>Family:</b> Anticodon-binding domain of Class II aaRS