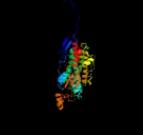
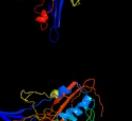
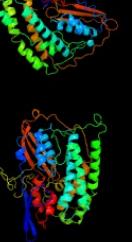


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD3148_(nuoD)_351335_3514657
Date	Thu Aug 8 16:20:33 BST 2019
Unique Job ID	a2e937c1d7335efd

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5lc5D_</a>			100.0	44	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> nadh dehydrogenase [ubiquinone] iron-sulfur protein 2, <b>PDBTitle:</b> structure of mammalian respiratory complex i, class2
2	<a href="#">c6gcsC_</a>			100.0	40	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> 49-kda protein (nucm); <b>PDBTitle:</b> cryo-em structure of respiratory complex i from yarrowia lipolytica
3	<a href="#">c6humH_</a>			100.0	39	<b>PDB header:</b> proton transport <b>Chain:</b> H: <b>PDB Molecule:</b> nad(p)h-quinone oxidoreductase subunit h; <b>PDBTitle:</b> structure of the photosynthetic complex i from thermosynechococcus2 elongatus
4	<a href="#">c6cfwL_</a>			100.0	32	<b>PDB header:</b> membrane protein <b>Chain:</b> L: <b>PDB Molecule:</b> membrane-bound hydrogenase subunit alpha; <b>PDBTitle:</b> cryoem structure of a respiratory membrane-bound hydrogenase
5	<a href="#">d2fug41</a>			100.0	49	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nqo4-like
6	<a href="#">c2fug4_</a>			100.0	49	<b>PDB header:</b> oxidoreductase <b>Chain:</b> 4: <b>PDB Molecule:</b> nadh-quinone oxidoreductase chain 4; <b>PDBTitle:</b> crystal structure of the hydrophilic domain of respiratory complex i2 from thermus thermophilus
7	<a href="#">d1e3db_</a>			100.0	22	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nickel-iron hydrogenase, large subunit
8	<a href="#">d1frfl_</a>			100.0	18	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nickel-iron hydrogenase, large subunit
9	<a href="#">d1yq9h1</a>			100.0	21	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nickel-iron hydrogenase, large subunit
10	<a href="#">c1h2aL_</a>			100.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> hydrogenase; <b>PDBTitle:</b> single crystals of hydrogenase from desulfovibrio vulgaris
11	<a href="#">c5aa5C_</a>			100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> nife-hydrogenase large subunit, hofg; <b>PDBTitle:</b> actinobacterial-type nife-hydrogenase from ralstonia eutropha h16 at 2.85 angstrom resolution

12	<a href="#">c2wpnB</a>	Alignment		100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> periplasmic [nifese] hydrogenase, large subunit, <b>PDBTitle:</b> structure of the oxidised, as-isolated nifese hydrogenase from d.2 vulgaris hildenborough
13	<a href="#">c6ehqM</a>	Alignment		100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> M: <b>PDB Molecule:</b> hydrogenase-2 large chain; <b>PDBTitle:</b> e. coli hydrogenase-2 (as isolated form).
14	<a href="#">d1cc1l</a>	Alignment		100.0	18	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nickel-iron hydrogenase, large subunit
15	<a href="#">c3myrB</a>	Alignment		100.0	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nickel-dependent hydrogenase large subunit; <b>PDBTitle:</b> crystal structure of [nife] hydrogenase from allochromatium vinosum in2 its ni-a state
16	<a href="#">c5odqF</a>	Alignment		100.0	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> methyl-viologen reducing hydrogenase, subunit a; <b>PDBTitle:</b> heterodisulfide reductase / [nife]-hydrogenase complex from2 methanothermococcus thermolithrophicus soaked with3 bromoethanesulfonate.
17	<a href="#">c5xf9H</a>	Alignment		100.0	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> nad-reducing hydrogenase; <b>PDBTitle:</b> crystal structure of nad+-reducing [nife]-hydrogenase in the air-2 oxidized state
18	<a href="#">d1wu1l</a>	Alignment		100.0	19	<b>Fold:</b> HydB/Nqo4-like <b>Superfamily:</b> HydB/Nqo4-like <b>Family:</b> Nickel-iron hydrogenase, large subunit
19	<a href="#">c3zfsA</a>	Alignment		100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> f420-reducing hydrogenase, subunit alpha; <b>PDBTitle:</b> cryo-em structure of the f420-reducing nife-hydrogenase from a2 methanogenic archaeon with bound substrate
20	<a href="#">c3useL</a>	Alignment		100.0	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> hydrogenase-1 large chain; <b>PDBTitle:</b> crystal structure of e. coli hydrogenase-1 in its as-isolated form
21	<a href="#">c4c3oC</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> hydrogenase-1 large subunit; <b>PDBTitle:</b> structure and function of an oxygen tolerant nife hydrogenase from2 salmonella
22	<a href="#">c5yy0A</a>	Alignment	not modelled	100.0	15	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cytosolic nife-hydrogenase, alpha subunit; <b>PDBTitle:</b> crystal structure of the hyhl-hypha complex (form ii)
23	<a href="#">c3r07C</a>	Alignment	not modelled	63.6	19	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> putative lipoate-protein ligase a subunit 2; <b>PDBTitle:</b> structural analysis of an archaeal lipoylation system. a bi-partite2 lipoate-protein ligase and its e2 lipoyl domain from thermoplasma3 acidophilum
24	<a href="#">d2g40a1</a>	Alignment	not modelled	59.5	25	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> YkgG-like
25	<a href="#">c2g40A</a>	Alignment	not modelled	59.5	25	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> conserved hypothetical protein; <b>PDBTitle:</b> crystal structure of a duf162 family protein (dr_1909) from2 deinococcus radiodurans at 1.70 a resolution
26	<a href="#">d1v97a4</a>	Alignment	not modelled	46.4	8	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
27	<a href="#">c5ymrB</a>	Alignment	not modelled	33.3	18	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> formate acetyltransferase; <b>PDBTitle:</b> the crystal structure of iseg
28	<a href="#">d1yeaya2</a>	Alignment	not modelled	32.4	4	<b>Fold:</b> Enolase N-terminal domain-like <b>Superfamily:</b> Enolase N-terminal domain-like <b>Family:</b> Enolase N-terminal domain-like
						<b>Fold:</b> Ntn hydrolase-like

29	d2ntka1	Alignment	not modelled	32.1	9	<b>Superfamily:</b> Archaeal IMP cyclohydrolase PurO <b>Family:</b> Archaeal IMP cyclohydrolase PurO
30	d1ffvc1	Alignment	not modelled	31.0	21	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
31	d1r9da_	Alignment	not modelled	28.5	15	<b>Fold:</b> PFL-like glycol radical enzymes <b>Superfamily:</b> PFL-like glycol radical enzymes <b>Family:</b> PFL-like
32	c4k59A_	Alignment	not modelled	26.6	55	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> rna binding protein rsmf; <b>PDBTitle:</b> crystal structure of pseudomonas aeruginosa rsmf
33	c1ufiD_	Alignment	not modelled	25.7	40	<b>PDB header:</b> dna binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> major centromere autoantigen b; <b>PDBTitle:</b> crystal structure of the dimerization domain of human cnp-b
34	d1ufia_	Alignment	not modelled	25.5	40	<b>Fold:</b> ROP-like <b>Superfamily:</b> Dimerisation domain of CENP-B <b>Family:</b> Dimerisation domain of CENP-B
35	c2w3zA_	Alignment	not modelled	23.6	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative deacetylase; <b>PDBTitle:</b> structure of a streptococcus mutans ce4 esterase
36	d1jroa3	Alignment	not modelled	22.4	26	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
37	d1vqza1	Alignment	not modelled	21.5	17	<b>Fold:</b> SufE/NifU <b>Superfamily:</b> SufE/NifU <b>Family:</b> SP1160 C-terminal domain-like
38	c4lqzA_	Alignment	not modelled	19.8	33	<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 duf4909 family protein (sav1798) from 2 staphylococcus aureus subsp. aureus mu50 at 1.92 a resolution
39	c5ze4A_	Alignment	not modelled	19.0	15	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydroxy-acid dehydratase, chloroplastic; <b>PDBTitle:</b> the structure of holo- structure of dhad complex with [2fe-2s] cluster
40	c4mnoA_	Alignment	not modelled	18.0	15	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> translation initiation factor 1a; <b>PDBTitle:</b> crystal structure of aif1a from pyrococcus abyssi
41	c2f3oB_	Alignment	not modelled	17.8	17	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> pyruvate formate-lyase 2; <b>PDBTitle:</b> crystal structure of a glycol radical enzyme from archaeoglobus2 fulgidus
42	c5j84A_	Alignment	not modelled	17.5	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydroxy-acid dehydratase; <b>PDBTitle:</b> crystal structure of l-arabinonate dehydratase in holo-form
43	c5dkoA_	Alignment	not modelled	16.8	18	<b>PDB header:</b> replication <b>Chain:</b> A: <b>PDB Molecule:</b> cell division protein zapd; <b>PDBTitle:</b> the structure of escherichia coli zapd
44	d1rm6b1	Alignment	not modelled	15.8	18	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
45	c3hrdC_	Alignment	not modelled	15.5	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> nicotinate dehydrogenase fad-subunit; <b>PDBTitle:</b> crystal structure of nicotinate dehydrogenase
46	c2w3rG_	Alignment	not modelled	15.5	26	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> xanthine dehydrogenase; <b>PDBTitle:</b> crystal structure of xanthine dehydrogenase (desulfo form)2 from rhodobacter capsulatus in complex with hypoxanthine
47	d1jdfa2	Alignment	not modelled	14.7	9	<b>Fold:</b> Enolase N-terminal domain-like <b>Superfamily:</b> Enolase N-terminal domain-like <b>Family:</b> Enolase N-terminal domain-like
48	d1u07a_	Alignment	not modelled	13.8	17	<b>Fold:</b> TolA/TonB C-terminal domain <b>Superfamily:</b> TolA/TonB C-terminal domain <b>Family:</b> TonB
49	c2dd9C_	Alignment	not modelled	13.2	15	<b>PDB header:</b> luminescent protein <b>Chain:</b> C: <b>PDB Molecule:</b> green fluorescent protein; <b>PDBTitle:</b> a mutant of gfp-like protein from chiridius poppei
50	d1t3qc1	Alignment	not modelled	11.7	18	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
51	d1n62c1	Alignment	not modelled	11.6	15	<b>Fold:</b> CO dehydrogenase flavoprotein C-domain-like <b>Superfamily:</b> CO dehydrogenase flavoprotein C-terminal domain-like <b>Family:</b> CO dehydrogenase flavoprotein C-terminal domain-like
52	c2dgyA_	Alignment	not modelled	11.5	16	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> mgc11102 protein; <b>PDBTitle:</b> solution structure of the eukaryotic initiation factor 1a2 in mgc11102 protein
53	d1x2ga1	Alignment	not modelled	11.3	17	<b>Fold:</b> SufE/NifU <b>Superfamily:</b> SufE/NifU <b>Family:</b> SP1160 C-terminal domain-like
54	c4af3D_	Alignment	not modelled	11.0	13	<b>PDB header:</b> transferase/inhibitor <b>Chain:</b> D: <b>PDB Molecule:</b> inner centromere protein; <b>PDBTitle:</b> human aurora b kinase in complex with incenp and vx-680
55	c3o6ub_	Alignment	not modelled	11.0	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein cpe2226; <b>PDBTitle:</b> crystal structure of cpe2226 protein from clostridium

						perfringens.2 northeast structural genomics consortium target cpr195
56	<a href="#">c2vgpD_</a>	Alignment	not modelled	10.9	13	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> inner centromere protein a; <b>PDBTitle:</b> crystal structure of aurora b kinase in complex with a2 aminothiazole inhibitor
57	<a href="#">c2grxC_</a>	Alignment	not modelled	10.9	17	<b>PDB header:</b> metal transport <b>Chain:</b> C: <b>PDB Molecule:</b> protein tonb; <b>PDBTitle:</b> crystal structure of tonb in complex with fhua, e. coli2 outer membrane receptor for ferrichrome
58	<a href="#">c5ibyA_</a>	Alignment	not modelled	10.8	21	<b>PDB header:</b> ligase,transferase <b>Chain:</b> A: <b>PDB Molecule:</b> lipoate--protein ligase; <b>PDBTitle:</b> crystal structure of enterococcus faecalis lipoate-protein ligase a2 (lpla-2) in complex with lipoic acid
59	<a href="#">c3km3B_</a>	Alignment	not modelled	10.5	28	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> deoxycytidine triphosphate deaminase; <b>PDBTitle:</b> crystal structure of exocytidine triphosphate deaminase from2 anaplasma phagocytophilum at 2.1a resolution
60	<a href="#">c1wvtA_</a>	Alignment	not modelled	10.4	5	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein st2180; <b>PDBTitle:</b> crystal structure of uncharacterized protein st2180 from sulfolobus2 tokodaii
61	<a href="#">c5i2gb_</a>	Alignment	not modelled	10.4	14	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> diol dehydratase; <b>PDBTitle:</b> 1,2-propanediol dehydration in roseburia inulinivorans; structural2 basis for substrate and enantiomer selectivity
62	<a href="#">d2p7ja1</a>	Alignment	not modelled	10.4	17	<b>Fold:</b> Profilin-like <b>Superfamily:</b> Sensory domain-like <b>Family:</b> Ykul C-terminal domain-like
63	<a href="#">c6gr8B_</a>	Alignment	not modelled	10.2	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> inner centromere protein; <b>PDBTitle:</b> human aurkc incnp complex bound to brd-7880
64	<a href="#">c3fa4D_</a>	Alignment	not modelled	9.5	21	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> 2,3-dimethylmalate lyase; <b>PDBTitle:</b> crystal structure of 2,3-dimethylmalate lyase, a pep mutase/isocitrate2 lyase superfamily member, triclinic crystal form
65	<a href="#">c4qamB_</a>	Alignment	not modelled	9.5	27	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> x-linked retinitis pigmentosa gtpase regulator-interacting <b>PDBTitle:</b> crystal structure of the rpgr rcc1-like domain in complex with the2 rpgr-interacting domain of rpgrip1
66	<a href="#">c4dmbA_</a>	Alignment	not modelled	9.2	13	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> hd domain-containing protein 2; <b>PDBTitle:</b> x-ray structure of human hepatitis c virus ns5a-transactivated protein2 2 at the resolution 1.9a, northeast structural genomics consortium3 (nsg) target hr6723
67	<a href="#">c2dnwA_</a>	Alignment	not modelled	9.0	17	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> acyl carrier protein; <b>PDBTitle:</b> solution structure of rsg1 ruh-059, an acp domain of acyl2 carrier protein, mitochondrial [precursor] from human cdna
68	<a href="#">c2mw4D_</a>	Alignment	not modelled	8.9	24	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> transcription factor protein; <b>PDBTitle:</b> tetramerization domain of the ciona intestinalis p53/p73-b2 transcription factor protein
69	<a href="#">d2gskb1</a>	Alignment	not modelled	8.9	17	<b>Fold:</b> TolA/TonB C-terminal domain <b>Superfamily:</b> TolA/TonB C-terminal domain <b>Family:</b> TonB
70	<a href="#">c3va8A_</a>	Alignment	not modelled	8.6	5	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> probable dehydratase; <b>PDBTitle:</b> crystal structure of enolase fg03645.1 (target efi-502278) from2 gibberella zae ph-1 complexed with magnesium, formate and sulfate
71	<a href="#">c2m1mA_</a>	Alignment	not modelled	8.6	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> auxin-induced protein iaa4; <b>PDBTitle:</b> solution structure of the psiaa4 oligomerization domain reveals2 interaction modes for transcription factors in early auxin response
72	<a href="#">c2l9fA_</a>	Alignment	not modelled	8.5	3	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cyclase8; <b>PDBTitle:</b> nmr solution structure of meacp
73	<a href="#">c2p4vA_</a>	Alignment	not modelled	8.4	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription elongation factor greb; <b>PDBTitle:</b> crystal structure of the transcript cleavage factor, greb2 at 2.6a resolution
74	<a href="#">d1ik0a_</a>	Alignment	not modelled	8.4	14	<b>Fold:</b> 4-helical cytokines <b>Superfamily:</b> 4-helical cytokines <b>Family:</b> Short-chain cytokines
75	<a href="#">c5ij6A_</a>	Alignment	not modelled	8.1	11	<b>PDB header:</b> ligase,transferase <b>Chain:</b> A: <b>PDB Molecule:</b> lipoate--protein ligase; <b>PDBTitle:</b> crystal structure of enterococcus faecalis lipoate-protein ligase a2 (lpla-1) in complex with lipoic acid
76	<a href="#">c2oqkA_</a>	Alignment	not modelled	8.0	19	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> putative translation initiation factor eif-1a; <b>PDBTitle:</b> crystal structure of putative cryptosporidium parvum translation2 initiation factor eif-1a
77	<a href="#">c5fayA_</a>	Alignment	not modelled	7.9	19	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> choline trimethylamine-lyase; <b>PDBTitle:</b> y208f mutant of choline tma-lyase
78	<a href="#">c4byl5_</a>	Alignment	not modelled	7.9	5	<b>PDB header:</b> ribosome <b>Chain:</b> 5: <b>PDB Molecule:</b> ubiquitin-40s ribosomal protein s31; <b>PDBTitle:</b> cryo-em reconstruction of the 80s-eif5b-met-itrnmet2 eukaryotic translation initiation complex
79	<a href="#">c4uer9_</a>	Alignment	not modelled	7.9	5	<b>PDB header:</b> translation <b>Chain:</b> 9: <b>PDB Molecule:</b> es31; <b>PDBTitle:</b> 40s-eif1-eif1a-eif3-eif3j translation initiation complex from2 lachancea kluyveri
80	<a href="#">c3u5cf_</a>	Alignment	not modelled	7.9	5	<b>PDB header:</b> ribosome <b>Chain:</b> F: <b>PDB Molecule:</b> 40s ribosomal protein s5; <b>PDBTitle:</b> the structure of the eukaryotic ribosome at 3.0 a

					resolution. this2 entry contains proteins of the 40s subunit, ribosome a
81	<a href="#">c4byt5_</a>	Alignment	not modelled	7.9	5 <b>PDB header:</b> ribosome <b>Chain:</b> 5: <b>PDB Molecule:</b> ubiquitin-40s ribosomal protein s31; <b>PDBTitle:</b> cryo-em reconstruction of the 80s-eif5b-met-itrnamet2 eukaryotic translation initiation complex
82	<a href="#">c5fmtB_</a>	Alignment	not modelled	7.8	17 <b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> flagellar associated protein; <b>PDBTitle:</b> crift54 ch-domain
83	<a href="#">d1o98a1</a>	Alignment	not modelled	7.7	12 <b>Fold:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain <b>Superfamily:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain <b>Family:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, substrate-binding domain
84	<a href="#">c5ikfA_</a>	Alignment	not modelled	7.6	11 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> chromatin remodeling factor mit1; <b>PDBTitle:</b> crystal structure of the c-terminal domain of the mit1 nucleosome2 remodeler in complex with clr1
85	<a href="#">d2up1a2</a>	Alignment	not modelled	7.6	21 <b>Fold:</b> Ferrodoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
86	<a href="#">d1qxha_</a>	Alignment	not modelled	7.5	14 <b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Glutathione peroxidase-like
87	<a href="#">c6eacC_</a>	Alignment	not modelled	7.5	13 <b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> selo; <b>PDBTitle:</b> pseudomonas syringae selo
88	<a href="#">c4tr3A_</a>	Alignment	not modelled	7.3	9 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> type iii iodothyronine deiodinase; <b>PDBTitle:</b> mouse iodothyronine deiodinase 3 catalytic core, semet-labeled active2 site mutant secys->cys
89	<a href="#">d1rtya_</a>	Alignment	not modelled	7.3	9 <b>Fold:</b> Ferritin-like <b>Superfamily:</b> Cobalamin adenosyltransferase-like <b>Family:</b> Cobalamin adenosyltransferase
90	<a href="#">c1xx3A_</a>	Alignment	not modelled	7.1	12 <b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> tomb protein; <b>PDBTitle:</b> solution structure of escherichia coli tomb-ctd
91	<a href="#">d2oeza1</a>	Alignment	not modelled	6.9	18 <b>Fold:</b> YacF-like <b>Superfamily:</b> YacF-like <b>Family:</b> YacF-like
92	<a href="#">c1rm6E_</a>	Alignment	not modelled	6.7	16 <b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> 4-hydroxybenzoyl-coa reductase beta subunit; <b>PDBTitle:</b> structure of 4-hydroxybenzoyl-coa reductase from thauera2 aromatica
93	<a href="#">c4cuyf_</a>	Alignment	not modelled	6.7	4 <b>PDB header:</b> ribosome <b>Chain:</b> F: <b>PDB Molecule:</b> us7; <b>PDBTitle:</b> kluyveromyces lactis 80s ribosome in complex with crpv-ires
94	<a href="#">c4f4fb_</a>	Alignment	not modelled	6.7	11 <b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> threonine synthase; <b>PDBTitle:</b> x-ray crystal structure of plp bound threonine synthase from brucella2 melitensis
95	<a href="#">c3j81i_</a>	Alignment	not modelled	6.7	20 <b>PDB header:</b> ribosome <b>Chain:</b> I: <b>PDB Molecule:</b> es8; <b>PDBTitle:</b> cryoem structure of a partial yeast 48s preinitiation complex
96	<a href="#">c5djnA_</a>	Alignment	not modelled	6.7	30 <b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> kinesin-like protein; <b>PDBTitle:</b> crystal structure of the kinesin-3 kif13a nc-cc1 mutant - deletion of 2 p390
97	<a href="#">c3sc0A_</a>	Alignment	not modelled	6.5	13 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> methylmalonic aciduria and homocystinuria type c protein; <b>PDBTitle:</b> crystal structure of mmachc (1-238), a human b12 processing enzyme,2 complexed with methylcobalamin
98	<a href="#">d1rtyb_</a>	Alignment	not modelled	6.5	10 <b>Fold:</b> Ferritin-like <b>Superfamily:</b> Cobalamin adenosyltransferase-like <b>Family:</b> Cobalamin adenosyltransferase
99	<a href="#">c5ehbA_</a>	Alignment	not modelled	6.5	35 <b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> phiosy1; <b>PDBTitle:</b> a de novo designed hexameric coiled-coil peptide with iodotyrosine