Phyre2

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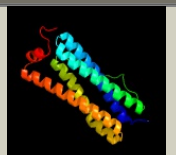
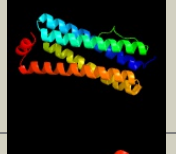
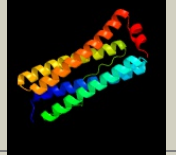
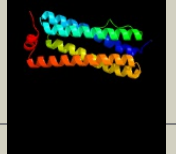
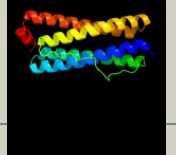
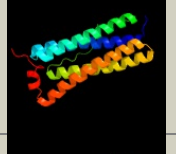
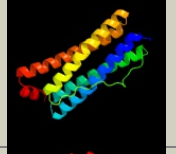
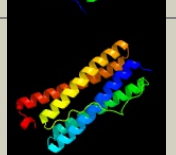
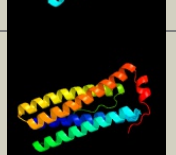
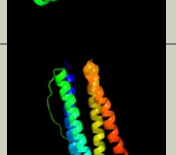
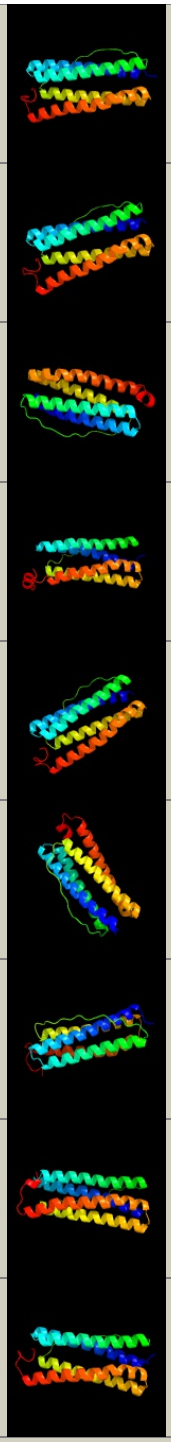
Description	RVBD1876_(bfrA)_2125347_2125826
Date	Fri Aug 2 13:30:49 BST 2019
Unique Job ID	6d912431c8a308ec

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3bknB_	Alignment		100.0	87	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**bacterioferritin; **PDBTitle:** the structure of mycobacterial bacterioferritin
2	d2htna1	Alignment		100.0	44	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
3	c4am4B_	Alignment		100.0	47	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**bacterioferritin; **PDBTitle:** bacterioferritin from blastochloris viridis
4	c5xx9A_	Alignment		100.0	63	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**bacterioferritin; **PDBTitle:** crystal structure of bacterioferritin
5	d1jgca_	Alignment		100.0	44	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
6	c3gvyC_	Alignment		100.0	48	**PDB header:**metal binding protein **Chain:** C: **PDB Molecule:**bacterioferritin; **PDBTitle:** crystal structure of bacterioferritin from r.sphaeroides
7	d2fkza1	Alignment		100.0	48	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
8	c3r2rA_	Alignment		100.0	41	**PDB header:**metal binding protein **Chain:** A: **PDB Molecule:**bacterioferritin; **PDBTitle:** 1.65a resolution structure of iron soaked ftna from pseudomonas2 aeruginosa (ph 6.0)
9	c3fvbB_	Alignment		100.0	47	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**bacterioferritin; **PDBTitle:** crystal structure of ferritin (bacterioferritin) from brucella2 melitensis
10	d1nf4a_	Alignment		100.0	32	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
11	d1vlga_	Alignment		100.0	22	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin

12	d1s3qa1	Alignment		100.0	18	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
13	c3qz3A_	Alignment		100.0	21	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**ferritin; **PDBTitle:** the crystal structure of ferritin from vibrio cholerae o1 biovar el2 tor str. n16961
14	c3qd8M_	Alignment		100.0	20	**PDB header:**metal binding protein **Chain:** M: **PDB Molecule:**probable bacterioferritin bfrb; **PDBTitle:** crystal structure of mycobacterium tuberculosis bfrb
15	c4cmyN_	Alignment		100.0	18	**PDB header:**metal transport **Chain:** N: **PDB Molecule:**ferritin; **PDBTitle:** chlorobium tepidum ferritin
16	c3e6sD_	Alignment		100.0	19	**PDB header:**oxidoreductase **Chain:** D: **PDB Molecule:**ferritin; **PDBTitle:** crystal structure of ferritin soaked with iron from pseudo-nitzschia2 multiseries
17	c3bvkC_	Alignment		100.0	17	**PDB header:**oxidoreductase **Chain:** C: **PDB Molecule:**ferritin; **PDBTitle:** structural basis for the iron uptake mechanism of helicobacter pylori2 ferritin
18	c5ouwA_	Alignment		100.0	16	**PDB header:**metal binding protein **Chain:** A: **PDB Molecule:**ferritin; **PDBTitle:** metal free structure of synftn
19	c2jd8C_	Alignment		100.0	19	**PDB header:**metal transport **Chain:** C: **PDB Molecule:**ferritin homolog; **PDBTitle:** crystal structure of the zn-soaked ferritin from the2 hyperthermophilic archaeal anaerobe pyrococcus furiosus
20	d1krqa_	Alignment		100.0	20	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
21	d1euma_	Alignment	not modelled	100.0	23	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
22	d1lb3a_	Alignment	not modelled	100.0	16	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
23	c5wpnA_	Alignment	not modelled	100.0	20	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**ferritin; **PDBTitle:** zn-bound structure of chaetopterus variopedatus ferritin
24	c2qqyA_	Alignment	not modelled	100.0	26	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**sigma b operon; **PDBTitle:** crystal structure of ferritin like, diiron-carboxylate proteins from2 bacillus anthracis str. ames
25	c6a4uD_	Alignment	not modelled	100.0	19	**PDB header:**metal binding protein **Chain:** D: **PDB Molecule:**ferritin; **PDBTitle:** the first crystal structure of crustacean ferritin that is a hybrid2 type of h and l ferritin
26	d1j30a_	Alignment	not modelled	100.0	22	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
27	d1mfra_	Alignment	not modelled	100.0	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
28	d1r03a_	Alignment	not modelled	100.0	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
29	d2ceia1	Alignment	not modelled	100.0	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like

						Family: Ferritin
30	d2za7a1	Alignment	not modelled	100.0	16	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
31	d1rcda_	Alignment	not modelled	100.0	18	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
32	c4di0B_	Alignment	not modelled	100.0	17	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**rubrerythrin; **PDBTitle:** the structure of rubrerythrin from burkholderia pseudomallei
33	d1lkoa1	Alignment	not modelled	100.0	14	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
34	c2vzbA_	Alignment	not modelled	100.0	21	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**putative bacterioferritin-related protein; **PDBTitle:** a dodecameric thioferritin in the bacterial domain, characterization2 of the bacterioferritin-related protein from bacteroides fragilis
35	c2clbP_	Alignment	not modelled	100.0	18	**PDB header:**metal binding protein **Chain:** P: **PDB Molecule:**dps-like protein; **PDBTitle:** the structure of the dps-like protein from sulfolobus2 solfataricus reveals a bacterioferritin-like di-metal3 binding site within a dps-like dodecameric assembly
36	d1yv1a1	Alignment	not modelled	100.0	13	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
37	c3vnxA_	Alignment	not modelled	100.0	16	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**ferritin; **PDBTitle:** crystal structure of ferritin from multicellular green algae, ulva2 pertusa.
38	d1jiga_	Alignment	not modelled	99.9	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
39	c2c41K_	Alignment	not modelled	99.9	19	**PDB header:**iron-binding/oxidation protein **Chain:** K: **PDB Molecule:**dps family dna-binding stress response protein; **PDBTitle:** x-ray structure of dps from thermosynechococcus elongatus
40	c3a9qR_	Alignment	not modelled	99.9	18	**PDB header:**oxidoreductase **Chain:** R: **PDB Molecule:** **PDBTitle:** crystal structure analysis of e173a variant of the soybean2 ferritin sfer4
41	d1ji5a_	Alignment	not modelled	99.9	23	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
42	d1yuza1	Alignment	not modelled	99.9	15	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
43	c2d5kC_	Alignment	not modelled	99.9	16	**PDB header:**metal binding protein **Chain:** C: **PDB Molecule:**dps family protein; **PDBTitle:** crystal structure of dps from staphylococcus aureus
44	d1o9ra_	Alignment	not modelled	99.9	17	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
45	d1z6om1	Alignment	not modelled	99.9	18	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
46	c3iq1A_	Alignment	not modelled	99.9	17	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**dps family protein; **PDBTitle:** crystal structure of dps protein from vibrio cholerae o1, a member of2 a broad superfamily of ferritin-like diiron-carboxylate proteins
47	c1dvbA_	Alignment	not modelled	99.9	16	**PDB header:**electron transport **Chain:** A: **PDB Molecule:**rubrerythrin; **PDBTitle:** rubrerythrin
48	c5hjhB_	Alignment	not modelled	99.9	23	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**ferritin, dps family protein; **PDBTitle:** dps4 from nostoc punctiforme in complex with fe ions
49	d1nnqa1	Alignment	not modelled	99.9	15	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
50	c2chpC_	Alignment	not modelled	99.9	19	**PDB header:**dna binding protein **Chain:** C: **PDB Molecule:**metalloregulation dna-binding stress protein; **PDBTitle:** crystal structure of the dodecameric ferritin mrga from b. subtilis2 168
51	d1tjoa_	Alignment	not modelled	99.9	19	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
52	d1n1qa_	Alignment	not modelled	99.9	22	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
53	c2vxxB_	Alignment	not modelled	99.9	19	**PDB header:**dna-binding protein **Chain:** B: **PDB Molecule:**starvation induced dna binding protein; **PDBTitle:** x-ray structure of dpsa from thermosynechococcus elongatus
54	c4cybI_	Alignment	not modelled	99.9	13	**PDB header:**iron binding protein **Chain:** I: **PDB Molecule:**putative dna protection protein; **PDBTitle:** dpsc from streptomyces coelicolor
						PDB header:iron-binding protein

55	c4cy9A_	Alignment	not modelled	99.9	13	**Chain:** A: **PDB Molecule:**dpsa; **PDBTitle:** dpsa14 from streptomyces coelicolor
56	d1vela_	Alignment	not modelled	99.9	19	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
57	c2wlaA_	Alignment	not modelled	99.9	13	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**dps-like peroxide resistance protein; **PDBTitle:** streptococcus pyogenes dpr
58	c2xgwA_	Alignment	not modelled	99.9	13	**PDB header:**metal binding protein **Chain:** A: **PDB Molecule:**peroxide resistance protein; **PDBTitle:** zinc-bound crystal structure of streptococcus pyogenes dpr
59	c3kwoA_	Alignment	not modelled	99.9	15	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**putative bacterioferritin; **PDBTitle:** crystal structure of putative bacterioferritin from2 campylobacter jejuni
60	c1yuzB_	Alignment	not modelled	99.9	13	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**nigerythrin; **PDBTitle:** partially reduced state of nigerythrin
61	c5lbhG_	Alignment	not modelled	99.9	17	**PDB header:**transport protein **Chain:** G: **PDB Molecule:**caip; **PDBTitle:** crystal structure of helicobacter cinaedi caip
62	d1ji4a_	Alignment	not modelled	99.9	12	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
63	c2c6rA_	Alignment	not modelled	99.9	15	**PDB header:**dna-binding protein **Chain:** A: **PDB Molecule:**dna-binding stress response protein, dps family; **PDBTitle:** fe-soaked crystal structure of the dps92 from deinococcus2 radiodurans
64	d2fjca1	Alignment	not modelled	99.9	12	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
65	d1dpsa_	Alignment	not modelled	99.9	15	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
66	d1umna_	Alignment	not modelled	99.9	18	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
67	d2bk6a1	Alignment	not modelled	99.9	16	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
68	c2hr5B_	Alignment	not modelled	99.9	16	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**rubrerythrin; **PDBTitle:** pf1283- rubrerythrin from pyrococcus furiosus iron bound form
69	d1z6oa1	Alignment	not modelled	99.9	16	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
70	c2f7nA_	Alignment	not modelled	99.9	14	**PDB header:**dna binding protein **Chain:** A: **PDB Molecule:**dna-binding stress response protein, dps family; **PDBTitle:** structure of d. radiodurans dps-1
71	d2yw6a1	Alignment	not modelled	99.9	19	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
72	c2z90D_	Alignment	not modelled	99.9	11	**PDB header:**dna binding protein **Chain:** D: **PDB Molecule:**starvation-inducible dna-binding protein or fine **PDBTitle:** crystal structure of the second dps from mycobacterium2 smegmatis
73	c2yjkF_	Alignment	not modelled	99.9	13	**PDB header:**metal-binding protein **Chain:** F: **PDB Molecule:**afp; **PDBTitle:** structure of dps from microbacterium arborescens in the2 high iron form
74	c4a25A_	Alignment	not modelled	99.9	14	**PDB header:**metal binding protein **Chain:** A: **PDB Molecule:**ferritin dps family protein; **PDBTitle:** x-ray structure dps from kineococcus radiotolerans in2 complex with mn (ii) ions.
75	c3oghB_	Alignment	not modelled	99.9	13	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**protein ycie; **PDBTitle:** crystal structure of ycie protein from e. coli cft073, a member of2 ferritine-like superfamily of diiron-containing four-helix-bundle3 proteins
76	c4r42B_	Alignment	not modelled	99.9	21	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**alr3090 protein; **PDBTitle:** crystal structure of katb, a manganese catalase from anabaena pcc7120
77	d1bg7a_	Alignment	not modelled	99.9	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
78	c3qhbA_	Alignment	not modelled	99.9	18	**PDB header:**metal transport **Chain:** A: **PDB Molecule:**symerythrin; **PDBTitle:** crystal structure of oxidized symerythrin from cyanophora paradoxa
79	c2pybC_	Alignment	not modelled	99.9	13	**PDB header:**metal transport **Chain:** C: **PDB Molecule:**neutrophil activating protein; **PDBTitle:** napa protein from borrelia burgdorferi
80	d2oh3a1	Alignment	not modelled	99.8	16	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**AMB4284-like
						Fold: Ferritin-like

81	d1jkva_	Alignment	not modelled	99.8	24	**Superfamily:**Ferritin-like **Family:**Manganese catalase (T-catalase)
82	d2fzfa1	Alignment	not modelled	99.7	12	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
83	d1zs3a1	Alignment	not modelled	99.7	12	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
84	d2cwla1	Alignment	not modelled	99.6	14	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Manganese catalase (T-catalase)
85	d1zuja1	Alignment	not modelled	99.6	12	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
86	d1vjxa_	Alignment	not modelled	99.5	18	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ferritin
87	c2ib0A_	Alignment	not modelled	99.3	10	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**conserved hypothetical alanine rich protein; **PDBTitle:** crystal structure of a conserved hypothetical protein, rv2844, from2 mycobacterium tuberculosis
88	d2ib0a1	Alignment	not modelled	99.3	10	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Rv2844-like
89	c4etrA_	Alignment	not modelled	99.3	17	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**putative uncharacterized protein; **PDBTitle:** x-ray structure of pa2169 from pseudomonas aeruginosa
90	c3hiuB_	Alignment	not modelled	99.3	14	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**uncharacterized protein; **PDBTitle:** the crystal structure of protein (xcc3681) from xanthomonas2 campestris pv. campestris str. atcc 33913
91	c3q4nA_	Alignment	not modelled	99.2	11	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**uncharacterized protein mj0754; **PDBTitle:** crystal structure of hypothetical protein mj0754 from methanococcus2 jannaschii dsm 2661
92	d2gyqa1	Alignment	not modelled	98.9	14	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**YciF-like
93	d2gs4a1	Alignment	not modelled	98.9	13	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**YciF-like
94	c5n5eM_	Alignment	not modelled	98.8	18	**PDB header:**oxidoreductase **Chain:** M: **PDB Molecule:**pfc_05175; **PDBTitle:** crystal structure of encapsulated ferritin domain from pyrococcus2 furiosus pfc_05175
95	d1afra_	Alignment	not modelled	98.3	19	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ribonucleotide reductase-like
96	d1za0a1	Alignment	not modelled	98.2	14	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ribonucleotide reductase-like
97	c5ux1D_	Alignment	not modelled	98.2	13	**PDB header:**lyase **Chain:** D: **PDB Molecule:**trna-(ms(2)io(6)a)-hydroxylase-like; **PDBTitle:** protein 43 with aldehyde deformylating oxygenase activity from2 synechococcus
98	c5da5R_	Alignment	not modelled	98.1	17	**PDB header:**oxidoreductase **Chain:** R: **PDB Molecule:**rru_a0973; **PDBTitle:** crystal structure of rhodospirillum rubrum rru_a0973
99	c5n5fC_	Alignment	not modelled	98.0	16	**PDB header:**oxidoreductase **Chain:** C: **PDB Molecule:**encapsulated ferritin; **PDBTitle:** crystal structure of haliangium ochraceum encapsulated ferritin
100	c3hl1B_	Alignment	not modelled	97.9	15	**PDB header:**metal binding protein **Chain:** B: **PDB Molecule:**ferritin like protein; **PDBTitle:** crystal structure of a ferritin like protein (cc_0557) from2 caulobacter vibrioides at 1.95 a resolution
101	d2itba1	Alignment	not modelled	97.9	11	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**MiaE-like
102	d1zpya1	Alignment	not modelled	97.6	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**half-ferritin
103	c5uwzA_	Alignment	not modelled	97.4	21	**PDB header:**lyase **Chain:** A: **PDB Molecule:**aldehyde decarbonylase; **PDBTitle:** protein 12 with aldehyde deformylating oxygenase activity from2 gloeobacter violaceus
104	c4mudA_	Alignment	not modelled	97.2	12	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**ring oxydation complex/ phenylacetic acid degradation **PDBTitle:** crystal structure of a ring oxydation complex/ phenylacetic acid2 degradation-like protein (sso1313) from sulfolobus solfataricus p2 at3 2.43 a resolution
105	c1u7mB_	Alignment	not modelled	97.2	27	**PDB header:**de novo protein **Chain:** B: **PDB Molecule:**four-helix bundle model; **PDBTitle:** solution structure of a diiron protein model: due ferri(ii)2 turn mutant
106	d2oc5a1	Alignment	not modelled	97.1	21	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**PMT1231-like
107	c4guwA_	Alignment	not modelled	97.1	19	**PDB header:**lyase **Chain:** A: **PDB Molecule:**aldehyde decarbonylase;

107	c4quwA_	Alignment	not modelled	97.1	19	**PDBTitle:** crystal structure of the apo form of cyanobacterial aldehyde-2 deformylating oxygenase
108	c3fseB_	Alignment	not modelled	97.0	17	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**two-domain protein containing dj-1/thij/pfpi-like and **PDBTitle:** crystal structure of a two-domain protein containing dj-1/thij/pfpi-2 like and ferritin-like domains (ava_4496) from anabaena variabilis3 atcc 29413 at 1.90 a resolution
109	c5ux2B_	Alignment	not modelled	96.8	16	**PDB header:**lyase **Chain:** B: **PDB Molecule:**aldehyde decarbonylase; **PDBTitle:** protein 19 with aldehyde deformylating oxidase activity from2 synechococcus
110	c1lt1G_	Alignment	not modelled	96.8	30	**PDB header:**de novo protein **Chain:** G: **PDB Molecule:**l13g-df1; **PDBTitle:** sliding helix induced change of coordination geometry in a2 model di-mn(ii) protein
111	c3dhiA_	Alignment	not modelled	96.7	16	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**toluene 4-monooxygenase hydroxylase alpha subunit; **PDBTitle:** crystal structure of reduced toluene 4-monoxygenase hydroxylase2 complexed with effector protein
112	d2inca1	Alignment	not modelled	96.3	17	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ribonucleotide reductase-like
113	c6d9fA_	Alignment	not modelled	96.0	11	**PDB header:**lyase **Chain:** A: **PDB Molecule:**putative vlmb homolog; **PDBTitle:** protein 60 with aldehyde deformylating oxidase activity from2 kitasatospora setae
114	c2vuxB_	Alignment	not modelled	95.3	16	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**ribonucleoside-diphosphate reductase subunit m2 b; **PDBTitle:** human ribonucleotide reductase, subunit m2 b
115	c4a58B_	Alignment	not modelled	94.9	10	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**ribonucleoside-diphosphate reductase small chain; **PDBTitle:** crystal structure of a monometal state of the2 ribonucleotide-reductase small subunit from epstein-barr virus in3 orthorhombic space group
116	c2hz8A_	Alignment	not modelled	94.6	20	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**de novo designed diiron protein; **PDBTitle:** qm/mm structure refined from nmr-structure of a single2 chain diiron protein
117	d1otka_	Alignment	not modelled	94.6	15	**Fold:**Ferritin-like **Superfamily:**Ferritin-like **Family:**Ribonucleotide reductase-like
118	c6qrzA_	Alignment	not modelled	93.1	15	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**ribonucleoside-diphosphate reductase; **PDBTitle:** crystal structure of r2-like ligand-binding oxidase from sulfolobus2 acidocaldarius solved by 3d micro-crystal electron diffraction
119	c3pw1A_	Alignment	not modelled	93.0	14	**PDB header:**oxidoreductase **Chain:** A: **PDB Molecule:**phenylacetic acid degradation protein paaa; **PDBTitle:** the phenylacetyl-coa monooxygenase paaac subcomplex with phenylacetyl-2 coa
120	c3dhgB_	Alignment	not modelled	92.6	13	**PDB header:**oxidoreductase **Chain:** B: **PDB Molecule:**toluene 4-monooxygenase hydroxylase beta subunit; **PDBTitle:** crystal structure of toluene 4-monoxygenase hydroxylase