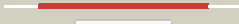
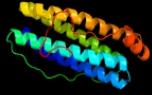

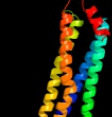
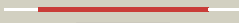
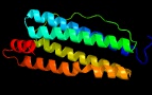



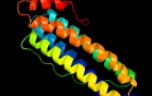

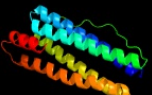







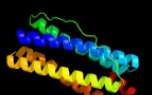

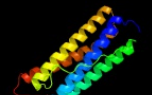


# Phyre2

Email mdejesus@rockefeller.edu  
 Description RVBD3841\_(bfrB)\_4314356\_4314901  
 Date Sat Aug 10 22:05:02 BST 2019  
 Unique Job ID 801fcc0355aabfeb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3qd8M_</a>	 Alignment		100.0	100	<b>PDB header:</b> metal binding protein <b>Chain:</b> M: <b>PDB Molecule:</b> probable bacterioferritin bfrb; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis bfrb
2	<a href="#">c3vnxA_</a>	 Alignment		100.0	29	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> crystal structure of ferritin from multicellular green algae, ulva2 pertusa.
3	<a href="#">c3a9qR_</a>	 Alignment		100.0	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> R: <b>PDB Molecule:</b> <b>PDBTitle:</b> crystal structure analysis of e173a variant of the soybean2 ferritin sfer4
4	<a href="#">c4cmyN_</a>	 Alignment		100.0	25	<b>PDB header:</b> metal transport <b>Chain:</b> N: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> chlorobium tepidum ferritin
5	<a href="#">c2jd8C_</a>	 Alignment		100.0	26	<b>PDB header:</b> metal transport <b>Chain:</b> C: <b>PDB Molecule:</b> ferritin homolog; <b>PDBTitle:</b> crystal structure of the zn-soaked ferritin from the2 hyperthermophilic archaeal anaerobe pyrococcus furiosus
6	<a href="#">c3qz3A_</a>	 Alignment		100.0	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> the crystal structure of ferritin from vibrio cholerae o1 biovar el2 tor str. n16961
7	<a href="#">d1s3qa1</a>	 Alignment		100.0	28	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
8	<a href="#">c5ouuA_</a>	 Alignment		100.0	21	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> metal free structure of synftn
9	<a href="#">c3bvkC_</a>	 Alignment		100.0	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> structural basis for the iron uptake mechanism of helicobacter pylori2 ferritin
10	<a href="#">d1euma_</a>	 Alignment		100.0	21	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
11	<a href="#">d2ceia1</a>	 Alignment		100.0	24	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin

12	<a href="#">d1lb3a_</a>	Alignment		100.0	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
13	<a href="#">d1rcda_</a>	Alignment		100.0	23	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
14	<a href="#">d1r03a_</a>	Alignment		100.0	25	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
15	<a href="#">d1vlga_</a>	Alignment		100.0	25	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
16	<a href="#">d1krqa_</a>	Alignment		100.0	23	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
17	<a href="#">d1z6om1</a>	Alignment		100.0	26	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
18	<a href="#">d1mfra_</a>	Alignment		100.0	22	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
19	<a href="#">d2za7a1</a>	Alignment		100.0	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
20	<a href="#">d1z6oa1</a>	Alignment		100.0	18	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
21	<a href="#">c5wpaA_</a>	Alignment	not modelled	100.0	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> zn-bound structure of chaetopterus variopedatus ferritin
22	<a href="#">c6a4uD_</a>	Alignment	not modelled	100.0	25	<b>PDB header:</b> metal binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> the first crystal structure of crustacean ferritin that is a hybrid2 type of h and l ferritin
23	<a href="#">c3e6sD_</a>	Alignment	not modelled	100.0	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> crystal structure of ferritin soaked with iron from pseudonitzschia2 multiseris
24	<a href="#">d1bg7a_</a>	Alignment	not modelled	100.0	25	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
25	<a href="#">d1nf4a_</a>	Alignment	not modelled	100.0	15	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
26	<a href="#">c3r2rA_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> 1.65a resolution structure of iron soaked ftna from pseudomonas2 aeruginosa (ph 6.0)
27	<a href="#">d1jgca_</a>	Alignment	not modelled	100.0	21	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
28	<a href="#">d2htna1</a>	Alignment	not modelled	100.0	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
						<b>PDB header:</b> metal binding protein

29	<a href="#">c4am4B_</a>	Alignment	not modelled	100.0	20	<b>Chain:</b> B: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> bacterioferritin from blastochloris viridis
30	<a href="#">c5xx9A_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> crystal structure of bacterioferritin
31	<a href="#">c3gvyC_</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> crystal structure of bacterioferritin from r.sphaeroides
32	<a href="#">c3bknB_</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> the structure of mycobacterial bacterioferritin
33	<a href="#">c3fvbB_</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> crystal structure of ferritin (bacterioferritin) from brucella2 melitensis
34	<a href="#">d2fkza1</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
35	<a href="#">c4di0B_</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> rubrerythrin; <b>PDBTitle:</b> the structure of rubrerythrin from burkholderia pseudomallei
36	<a href="#">d1j30a_</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
37	<a href="#">c2qqyA_</a>	Alignment	not modelled	99.9	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> sigma b operon; <b>PDBTitle:</b> crystal structure of ferritin like, diiron-carboxylate proteins from2 bacillus anthracis str. ames
38	<a href="#">d1yv1a1</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
39	<a href="#">d1lkoa1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
40	<a href="#">c2clbP_</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> metal binding protein <b>Chain:</b> P: <b>PDB Molecule:</b> dps-like protein; <b>PDBTitle:</b> the structure of the dps-like protein from sulfobolus2 solfataricus reveals a bacterioferritin-like di-metal3 binding site within a dps-like dodecameric assembly
41	<a href="#">c2vzbA_</a>	Alignment	not modelled	99.9	14	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> putative bacterioferritin-related protein; <b>PDBTitle:</b> a dodecameric thioferritin in the bacterial domain, characterization2 of the bacterioferritin-related protein from bacteroides fragilis
42	<a href="#">d1yuza1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
43	<a href="#">d1nnqa1</a>	Alignment	not modelled	99.9	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
44	<a href="#">d1o9ra_</a>	Alignment	not modelled	99.9	8	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
45	<a href="#">c1dvbA_</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> rubrerythrin; <b>PDBTitle:</b> rubrerythrin
46	<a href="#">c5hjhB_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> ferritin, dps family protein; <b>PDBTitle:</b> dps4 from nostoc punctiforme in complex with fe ions
47	<a href="#">d1jiga_</a>	Alignment	not modelled	99.8	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
48	<a href="#">c4cybl_</a>	Alignment	not modelled	99.8	11	<b>PDB header:</b> iron binding protein <b>Chain:</b> I: <b>PDB Molecule:</b> putative dna protection protein; <b>PDBTitle:</b> dpsc from streptomyces coelicolor
49	<a href="#">c2c41K_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> iron-binding/oxidation protein <b>Chain:</b> K: <b>PDB Molecule:</b> dps family dna-binding stress response protein; <b>PDBTitle:</b> x-ray structure of dps from thermosynechococcus elongatus
50	<a href="#">c2vxxB_</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> dna-binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> starvation induced dna binding protein; <b>PDBTitle:</b> x-ray structure of dpsa from thermosynechococcus elongatus
51	<a href="#">c3iq1A_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> dps family protein; <b>PDBTitle:</b> crystal structure of dps protein from vibrio cholerae o1, a member of2 a broad superfamily of ferritin-like diiron-carboxylate proteins
52	<a href="#">c2hr5B_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> rubrerythrin; <b>PDBTitle:</b> pf1283- rubrerythrin from pyrococcus furiosus iron bound form
53	<a href="#">d1ji5a_</a>	Alignment	not modelled	99.8	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
54	<a href="#">c2d5kC_</a>	Alignment	not modelled	99.8	12	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> dps family protein; <b>PDBTitle:</b> crystal structure of dps from staphylococcus aureus
						<b>PDB header:</b> oxidoreductase

55	<a href="#">c1yuzB_</a>	Alignment	not modelled	99.8	16	<b>Chain:</b> B: <b>PDB Molecule:</b> nigerythrin; <b>PDBTitle:</b> partially reduced state of nigerythrin
56	<a href="#">d1tjoa_</a>	Alignment	not modelled	99.8	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
57	<a href="#">c2chpC_</a>	Alignment	not modelled	99.8	11	<b>PDB header:</b> dna binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> metalloregulation dna-binding stress protein; <b>PDBTitle:</b> crystal structure of the dodecameric ferritin mrga from b. subtilis2 168
58	<a href="#">c4cy9A_</a>	Alignment	not modelled	99.7	9	<b>PDB header:</b> iron-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dpsa; <b>PDBTitle:</b> dpsa14 from streptomyces coelicolor
59	<a href="#">d2oh3a1</a>	Alignment	not modelled	99.7	20	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> AMB4284-like
60	<a href="#">d1n1qa_</a>	Alignment	not modelled	99.7	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
61	<a href="#">c5lbhG_</a>	Alignment	not modelled	99.7	10	<b>PDB header:</b> transport protein <b>Chain:</b> G: <b>PDB Molecule:</b> caip; <b>PDBTitle:</b> crystal structure of helicobacter cinaedi caip
62	<a href="#">c2c6rA_</a>	Alignment	not modelled	99.7	10	<b>PDB header:</b> dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding stress response protein, dps family; <b>PDBTitle:</b> fe-soaked crystal structure of the dps92 from deinococcus2 radiodurans
63	<a href="#">d1vela_</a>	Alignment	not modelled	99.7	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
64	<a href="#">d1ji4a_</a>	Alignment	not modelled	99.7	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
65	<a href="#">c3kwoA_</a>	Alignment	not modelled	99.7	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative bacterioferritin; <b>PDBTitle:</b> crystal structure of putative bacterioferritin from2 campylobacter jejuni
66	<a href="#">d2fjca1</a>	Alignment	not modelled	99.7	9	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
67	<a href="#">d1lumna_</a>	Alignment	not modelled	99.6	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
68	<a href="#">d1dpsa_</a>	Alignment	not modelled	99.6	7	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
69	<a href="#">c2wiaA_</a>	Alignment	not modelled	99.6	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dps-like peroxide resistance protein; <b>PDBTitle:</b> streptococcus pyogenes dpr
70	<a href="#">d2bk6a1</a>	Alignment	not modelled	99.6	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
71	<a href="#">c3oghB_</a>	Alignment	not modelled	99.6	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> protein ycie; <b>PDBTitle:</b> crystal structure of ycie protein from e. coli cft073, a member of2 ferritine-like superfamily of diiron-containing four-helix-bundle3 proteins
72	<a href="#">c3qhbA_</a>	Alignment	not modelled	99.6	16	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> symerythrin; <b>PDBTitle:</b> crystal structure of oxidized symerythrin from cyanophora paradoxa
73	<a href="#">c2f7nA_</a>	Alignment	not modelled	99.6	7	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> dna-binding stress response protein, dps family; <b>PDBTitle:</b> structure of d. radiodurans dps-1
74	<a href="#">c2z90D_</a>	Alignment	not modelled	99.6	9	<b>PDB header:</b> dna binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> starvation-inducible dna-binding protein or fine <b>PDBTitle:</b> crystal structure of the second dps from mycobacterium2 smegmatis
75	<a href="#">c2xgwA_</a>	Alignment	not modelled	99.6	10	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> peroxide resistance protein; <b>PDBTitle:</b> zinc-bound crystal structure of streptococcus pyogenes dpr
76	<a href="#">c2yjkF_</a>	Alignment	not modelled	99.5	6	<b>PDB header:</b> metal-binding protein <b>Chain:</b> F: <b>PDB Molecule:</b> afp; <b>PDBTitle:</b> structure of dps from microbacterium arborescens in the2 high iron form
77	<a href="#">d2yw6a1</a>	Alignment	not modelled	99.5	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
78	<a href="#">c4a25A_</a>	Alignment	not modelled	99.5	12	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin dps family protein; <b>PDBTitle:</b> x-ray structure dps from kineococcus radiotolerans in2 complex with mn (ii) ions.
79	<a href="#">c4r42B_</a>	Alignment	not modelled	99.5	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> alr3090 protein; <b>PDBTitle:</b> crystal structure of katb, a manganese catalase from anabaena pcc7120
80	<a href="#">c2pybC_</a>	Alignment	not modelled	99.4	6	<b>PDB header:</b> metal transport <b>Chain:</b> C: <b>PDB Molecule:</b> neutrophil activating protein; <b>PDBTitle:</b> napa protein from borrelia burgdorferi
						<b>Fold:</b> Ferritin-like

81	<a href="#">d2fzfa1</a>	Alignment	not modelled	99.2	15	<b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
82	<a href="#">d1zs3a1</a>	Alignment	not modelled	99.0	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
83	<a href="#">d1vjxa_</a>	Alignment	not modelled	99.0	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
84	<a href="#">d1zujal</a>	Alignment	not modelled	98.9	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
85	<a href="#">d1jkva_</a>	Alignment	not modelled	98.7	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Manganese catalase (T-catalase)
86	<a href="#">c2ib0A_</a>	Alignment	not modelled	98.6	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> conserved hypothetical alanine rich protein; <b>PDBTitle:</b> crystal structure of a conserved hypothetical protein, rv2844, from2 mycobacterium tuberculosis
87	<a href="#">d2ib0a1</a>	Alignment	not modelled	98.6	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Rv2844-like
88	<a href="#">c4etrA_</a>	Alignment	not modelled	98.5	14	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> x-ray structure of pa2169 from pseudomonas aeruginosa
89	<a href="#">d2cwlal</a>	Alignment	not modelled	97.7	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Manganese catalase (T-catalase)
90	<a href="#">c3hiuB_</a>	Alignment	not modelled	97.6	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> the crystal structure of protein (xcc3681) from xanthomonas2 campestris pv. campestris str. atcc 33913
91	<a href="#">c3q4nA_</a>	Alignment	not modelled	97.5	10	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein mj0754; <b>PDBTitle:</b> crystal structure of hypothetical protein mj0754 from methanococcus2 jannaschii dsm 2661
92	<a href="#">c5n5eM_</a>	Alignment	not modelled	97.1	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> M: <b>PDB Molecule:</b> pfc_05175; <b>PDBTitle:</b> crystal structure of encapsulated ferritin domain from pyrococcus2 furiosus pfc_05175
93	<a href="#">d1afra_</a>	Alignment	not modelled	96.5	15	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
94	<a href="#">d1za0a1</a>	Alignment	not modelled	96.4	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
95	<a href="#">c3hl1B_</a>	Alignment	not modelled	96.4	10	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> ferritin like protein; <b>PDBTitle:</b> crystal structure of a ferritin like protein (cc_0557) from2 caulobacter vibrioides at 1.95 a resolution
96	<a href="#">d2gs4a1</a>	Alignment	not modelled	95.7	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ycif-like
97	<a href="#">d2gyqa1</a>	Alignment	not modelled	95.0	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ycif-like
98	<a href="#">c5n5fC_</a>	Alignment	not modelled	94.4	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> encapsulated ferritin; <b>PDBTitle:</b> crystal structure of haliangium ochraceum encapsulated ferritin
99	<a href="#">d1zpyal</a>	Alignment	not modelled	93.7	17	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> half-ferritin
100	<a href="#">c5da5R_</a>	Alignment	not modelled	91.8	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> R: <b>PDB Molecule:</b> rrru_a0973; <b>PDBTitle:</b> crystal structure of rhodospirillum rubrum rru_a0973
101	<a href="#">c5ux1D_</a>	Alignment	not modelled	91.3	18	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> trna-(ms(2)io(6)a)-hydroxylase-like; <b>PDBTitle:</b> protein 43 with aldehyde deformylating oxygenase activity from2 synechococcus
102	<a href="#">c3dhiA_</a>	Alignment	not modelled	88.7	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> toluene 4-monoxygenase hydroxylase alpha subunit; <b>PDBTitle:</b> crystal structure of reduced toluene 4-monoxygenase hydroxylase2 complexed with effector protein
103	<a href="#">c3fseB_</a>	Alignment	not modelled	88.2	11	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> two-domain protein containing dj-1/thij/pfpi-like and <b>PDBTitle:</b> 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
104	<a href="#">d2itba1</a>	Alignment	not modelled	81.0	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> MiaE-like
105	<a href="#">c1u7mB_</a>	Alignment	not modelled	71.7	13	<b>PDB header:</b> de novo protein <b>Chain:</b> B: <b>PDB Molecule:</b> four-helix bundle model; <b>PDBTitle:</b> solution structure of a diiron protein model: due ferri(ii)2 turn mutant
106	<a href="#">c3dhhB_</a>	Alignment	not modelled	69.6	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> toluene 4-monoxygenase hydroxylase beta subunit; <b>PDBTitle:</b> crystal structure of toluene 4-monoxygenase hydroxylase

107	<a href="#">d2incb1</a>	Alignment	not modelled	68.0	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
108	<a href="#">c1lt1G_</a>	Alignment	not modelled	66.6	13	<b>PDB header:</b> de novo protein <b>Chain:</b> G; <b>PDB Molecule:</b> l13g-df1; <b>PDBTitle:</b> sliding helix induced change of coordination geometry in a2 model di-mn(ii) protein
109	<a href="#">c4dr0A_</a>	Alignment	not modelled	53.4	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit beta; <b>PDBTitle:</b> crystal structure of bacillus subtilis dimanganese(ii) nrdf
110	<a href="#">c6gp2A_</a>	Alignment	not modelled	52.2	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase beta chain; <b>PDBTitle:</b> ribonucleotide reductase class ie r2 from mesoplasma florum, dopa-2 active form
111	<a href="#">d3dhza1</a>	Alignment	not modelled	51.8	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
112	<a href="#">d1oquc_</a>	Alignment	not modelled	48.4	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
113	<a href="#">d1smsa_</a>	Alignment	not modelled	47.3	9	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
114	<a href="#">c4bmtB_</a>	Alignment	not modelled	45.2	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit beta; <b>PDBTitle:</b> crystal structure of ribonucleotide reductase di-iron nrdf2 from bacillus cereus
115	<a href="#">d1w68a_</a>	Alignment	not modelled	44.7	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
116	<a href="#">c1smqD_</a>	Alignment	not modelled	43.6	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase small chain <b>PDBTitle:</b> structure of the ribonucleotide reductase rnr2 homodimer2 from saccharomyces cerevisiae
117	<a href="#">c2rccC_</a>	Alignment	not modelled	43.1	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit beta; <b>PDBTitle:</b> crystal structure of putative class i ribonucleotide reductase2 (np_241368.1) from bacillus halodurans at 1.90 a resolution
118	<a href="#">c1yfdA_</a>	Alignment	not modelled	42.6	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase 1 beta chain; <b>PDBTitle:</b> crystal structure of the y122h mutant of ribonucleotide reductase r22 protein from e. coli
119	<a href="#">c3b5oA_</a>	Alignment	not modelled	41.6	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> cadd-like protein of unknown function; <b>PDBTitle:</b> crystal structure of a cadd-like protein of unknown function2 (npun_f6505) from nostoc punctiforme pcc 73102 at 1.35 a resolution
120	<a href="#">d1jk0b_</a>	Alignment	not modelled	40.5	9	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like