
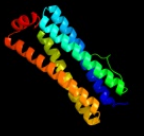


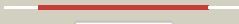
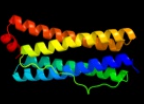
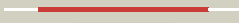
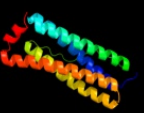

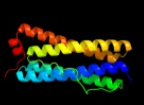





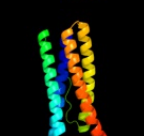

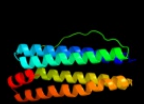

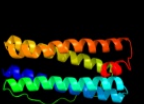

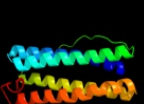
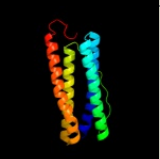
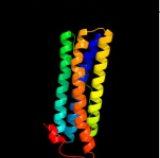
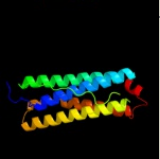


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2htna1	 Alignment		100.0	100	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
2	c3r2rA	 Alignment		100.0	46	PDB header: metal binding protein Chain: A: PDB Molecule: bacterioferritin; PDBTitle: 1.65a resolution structure of iron soaked ftna from pseudomonas2 aeruginosa (ph 6.0)
3	d2fkza1	 Alignment		100.0	67	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
4	c3gvvC	 Alignment		100.0	46	PDB header: metal binding protein Chain: C: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of bacterioferritin from r.sphaeroides
5	d1jgca	 Alignment		100.0	47	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
6	c3bknB	 Alignment		100.0	42	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: the structure of mycobacterial bacterioferritin
7	c3fvbB	 Alignment		100.0	51	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of ferritin (bacterioferritin) from2 brucella melitensis
8	d1nf4a	 Alignment		100.0	29	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
9	d1vlga	 Alignment		100.0	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
10	c3qz3A	 Alignment		100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: ferritin; PDBTitle: the crystal structure of ferritin from vibrio cholerae o1 biovar el2 tor str. n16961
11	c3qd8M	 Alignment		100.0	18	PDB header: metal binding protein Chain: M: PDB Molecule: probable bacterioferritin bfrb; PDBTitle: crystal structure of mycobacterium tuberculosis bfrb

12	dls3qa1	Alignment		100.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
13	c3bvkC_	Alignment		100.0	14	PDB header: oxidoreductase Chain: C: PDB Molecule: ferritin; PDBTitle: structural basis for the iron uptake mechanism of helicobacter pylori2 ferritin
14	c3e6sD_	Alignment		100.0	15	PDB header: oxidoreductase Chain: D: PDB Molecule: ferritin; PDBTitle: crystal structure of ferritin soaked with iron from pseudo-2 nitzschia multiseris
15	d1krqa_	Alignment		100.0	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
16	d1euma_	Alignment		100.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
17	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
18	d1lb3a_	Alignment		100.0	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
19	d2za7a1	Alignment		100.0	21	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
20	d1mfra_	Alignment		100.0	22	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
21	d1r03a_	Alignment	not modelled	100.0	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
22	d1rcda_	Alignment	not modelled	100.0	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
23	d2ceia1	Alignment	not modelled	100.0	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
24	d1j30a_	Alignment	not modelled	100.0	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
25	c2qqyA_	Alignment	not modelled	100.0	25	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
26	d1lkoa1	Alignment	not modelled	100.0	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
27	c3a9qR_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: R: PDB Molecule: PDBTitle: crystal structure analysis of e173a variant of the soybean2 ferritin sfer4
28	d1yv1a1	Alignment	not modelled	100.0	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
						PDB header: metal binding protein Chain: P: PDB Molecule: dps-like protein;

29	c2clbP_	Alignment	not modelled	100.0	20	PDBTitle: the structure of the dps-like protein from sulfobolus2 solfataricus reveals a bacterioferritin-like di-metal3 binding site within a dps-like dodecameric assembly
30	c2vzbA_	Alignment	not modelled	100.0	25	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
31	dlz6oml	Alignment	not modelled	100.0	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
32	dlyuza1	Alignment	not modelled	100.0	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
33	dlji5a_	Alignment	not modelled	100.0	22	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
34	c2c41K_	Alignment	not modelled	100.0	17	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
35	dljiga_	Alignment	not modelled	100.0	25	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
36	c2d5kC_	Alignment	not modelled	100.0	24	PDB header: metal binding protein Chain: C: PDB Molecule: dps family protein; PDBTitle: crystal structure of dps from staphylococcus aureus
37	cldvbA_	Alignment	not modelled	100.0	16	PDB header: electron transport Chain: A: PDB Molecule: rubrerythrin; PDBTitle: rubrerythrin
38	dlo9ra_	Alignment	not modelled	100.0	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
39	c3iq1A_	Alignment	not modelled	100.0	19	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
40	dlnnqa1	Alignment	not modelled	100.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
41	c2chpC_	Alignment	not modelled	99.9	18	PDB header: dna-binding protein Chain: C: PDB Molecule: metalloregulation dna-binding stress protein; PDBTitle: crystal structure of the dodecameric ferritin mrga from2 b.subtilis 168
42	dlnlqa_	Alignment	not modelled	99.9	25	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
43	dljqoa_	Alignment	not modelled	99.9	22	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
44	c2vxxB_	Alignment	not modelled	99.9	22	PDB header: dna-binding protein Chain: B: PDB Molecule: starvation induced dna binding protein; PDBTitle: x-ray structure of dpsa from thermosynechococcus elongatus
45	dlz6oa1	Alignment	not modelled	99.9	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
46	clyuzB_	Alignment	not modelled	99.9	13	PDB header: oxidoreductase Chain: B: PDB Molecule: nigerythrin; PDBTitle: partially reduced state of nigerythrin
47	c2wlaA_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: dps-like peroxide resistance protein; PDBTitle: streptococcus pyogenes dpr
48	dlvela_	Alignment	not modelled	99.9	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
49	c2xgwA_	Alignment	not modelled	99.9	18	PDB header: metal binding protein Chain: A: PDB Molecule: peroxide resistance protein; PDBTitle: zinc-bound crystal structure of streptococcus pyogenes dpr
50	dlji4a_	Alignment	not modelled	99.9	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
51	c2hr5B_	Alignment	not modelled	99.9	14	PDB header: metal binding protein Chain: B: PDB Molecule: rubrerythrin; PDBTitle: pf1283- rubrerythrin from pyrococcus furiosus iron bound form
52	c2c6rA_	Alignment	not modelled	99.9	13	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
53	dl dpsa_	Alignment	not modelled	99.9	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
54	d2bk6a1	Alignment	not modelled	99.9	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin

55	c3kwoA	Alignment	not modelled	99.9	11	PDB header: oxidoreductase Chain: A: PDB Molecule: putative bacterioferritin; PDBTitle: crystal structure of putative bacterioferritin from2 campylobacter jejuni
56	d2fjca1	Alignment	not modelled	99.9	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
57	d1umna	Alignment	not modelled	99.9	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
58	d1bg7a	Alignment	not modelled	99.9	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
59	c2f7nA	Alignment	not modelled	99.9	16	PDB header: dna binding protein Chain: A: PDB Molecule: dna-binding stress response protein, dps family; PDBTitle: structure of d. radiodurans dps-1
60	d2yw6a1	Alignment	not modelled	99.9	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
61	c2z90D	Alignment	not modelled	99.9	12	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
62	c2yjkF	Alignment	not modelled	99.9	14	PDB header: metal-binding protein Chain: F: PDB Molecule: afp; PDBTitle: structure of dps from microbacterium arborescens in the2 high iron form
63	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
64	c3qhbA	Alignment	not modelled	99.9	14	PDB header: metal transport Chain: A: PDB Molecule: symerythrin; PDBTitle: crystal structure of oxidized symerythrin from cyanophora paradoxa
65	c2pybC	Alignment	not modelled	99.9	16	PDB header: metal transport Chain: C: PDB Molecule: neutrophil activating protein; PDBTitle: napa protein from borrelia burgdorferi
66	d2oh3a1	Alignment	not modelled	99.9	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: AMB4284-like
67	d1jkva	Alignment	not modelled	99.8	21	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
68	d2fzfa1	Alignment	not modelled	99.7	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
69	d1zs3a1	Alignment	not modelled	99.7	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
70	d1zuja1	Alignment	not modelled	99.6	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
71	d2cwlal	Alignment	not modelled	99.6	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
72	d1vjxa	Alignment	not modelled	99.6	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
73	d2ib0a1	Alignment	not modelled	99.3	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Rv2844-like
74	c2ib0A	Alignment	not modelled	99.3	14	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
75	c3hiuB	Alignment	not modelled	99.3	15	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
76	c3q4nA	Alignment	not modelled	99.2	15	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein mj0754; PDBTitle: crystal structure of hypothetical protein mj0754 from methanococcus2 jannaschii dsm 2661
77	d2gs4a1	Alignment	not modelled	98.8	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
78	d2gyqa1	Alignment	not modelled	98.8	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
79	d1za0a1	Alignment	not modelled	98.0	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
80	d1zpya1	Alignment	not modelled	97.9	24	Fold: Ferritin-like Superfamily: Ferritin-like Family: half-ferritin
						PDB header: metal binding protein

81	c3hl1B_	Alignment	not modelled	97.8	14	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
82	d2inca1	Alignment	not modelled	97.7	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
83	c3dhiA_	Alignment	not modelled	97.7	17	PDB header: oxidoreductase Chain: A: PDB Molecule: toluene 4-monooxygenase hydroxylase alpha subunit; PDBTitle: crystal structure of reduced toluene 4-monooxygenase hydroxylase2 complexed with effector protein
84	d1afra_	Alignment	not modelled	97.5	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
85	c1u7mB_	Alignment	not modelled	97.4	40	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
86	c3fseB_	Alignment	not modelled	97.2	16	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
87	d2oc5a1	Alignment	not modelled	97.2	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: PMT1231-like
88	c1lt1G_	Alignment	not modelled	97.0	52	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
89	d2itba1	Alignment	not modelled	96.9	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: MiaE-like
90	c3dhgB_	Alignment	not modelled	96.7	13	PDB header: oxidoreductase Chain: B: PDB Molecule: toluene 4-monooxygenase hydroxylase beta subunit; PDBTitle: crystal struture of toluene 4-monooxygenase hydroxylase
91	d2incb1	Alignment	not modelled	96.6	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
92	c2vuxB_	Alignment	not modelled	95.4	13	PDB header: oxidoreductase Chain: B: PDB Molecule: ribonucleoside-diphosphate reductase subunit m2 b; PDBTitle: human ribonucleotide reductase, subunit m2 b
93	d1mhyd_	Alignment	not modelled	95.1	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
94	c2innA_	Alignment	not modelled	95.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: phenol hydroxylase component phn; PDBTitle: structure of the phenol hydroxylase-regulatory protein2 complex
95	d1otka_	Alignment	not modelled	94.4	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
96	d1mtyd_	Alignment	not modelled	93.9	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
97	c2hz8A_	Alignment	not modelled	92.6	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
98	c3ez0D_	Alignment	not modelled	92.6	19	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: uncharacterized protein with ferritin-like fold; PDBTitle: crystal structure of protein of unknown function with ferritin-like2 fold (yp_832262.1) from arthrobacter sp. fb24 at 2.33 a resolution
99	c3ee4A_	Alignment	not modelled	91.7	11	PDB header: oxidoreductase Chain: A: PDB Molecule: probable ribonucleoside-diphosphate reductase; PDBTitle: r2-like ligand binding mn/fe oxidase from m. tuberculosis
100	c3pw1A_	Alignment	not modelled	91.6	11	PDB header: oxidoreductase Chain: A: PDB Molecule: phenylacetic acid degradation protein paaa; PDBTitle: the phenylacetyl-coa monooxygenase paaac subcomplex with phenylacetyl-2 coa
101	c3ddeB_	Alignment	not modelled	90.9	9	PDB header: unknown function Chain: B: PDB Molecule: itena/thi-4 protein, domain of unknown function with a heme PDBTitle: crystal structure of a domain of unknown function with a heme2 oxygenase-like fold (sden_3740) from shewanella denitrificans os2173 at 2.30 a resolution
102	c3bt5A_	Alignment	not modelled	87.2	10	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein duf305; PDBTitle: crystal structure of duf305 fragment from deinococcus2 radiodurans
103	d1uzra_	Alignment	not modelled	86.9	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
104	c2rccC_	Alignment	not modelled	86.0	17	PDB header: oxidoreductase Chain: C: PDB Molecule: ribonucleoside-diphosphate reductase subunit beta; PDBTitle: crystal structure of putative class i ribonucleotide reductase2 (np_241368.1) from bacillus halodurans at 1.90 a resolution

105	c3hf1B_	Alignment	not modelled	85.7	15	PDB header: oxidoreductase Chain: B: PDB Molecule: ribonucleoside-diphosphate reductase subunit m2 PDBTitle: crystal structure of human p53r2
106	c1h0oA_	Alignment	not modelled	85.5	13	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleoside-diphosphate reductase; PDBTitle: cobalt substitution of mouse r2 ribonucleotide reductase to2 model the reactive diferrous state
107	d1smsa_	Alignment	not modelled	84.8	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
108	d1mxra_	Alignment	not modelled	84.7	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
109	c2qf9B_	Alignment	not modelled	84.4	7	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative secreted protein; PDBTitle: crystal structure of putative secreted protein duf305 from2 streptomyces coelicolor
110	c2pliA_	Alignment	not modelled	84.2	17	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleotide reductase, small chain; PDBTitle: plasmodium yoelii ribonucleotide reductase subunit r2 (py03671)
111	c2o1zA_	Alignment	not modelled	83.7	17	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleotide reductase subunit r2; PDBTitle: plasmodium vivax ribonucleotide reductase subunit r22 (pv086155)
112	c2rbdB_	Alignment	not modelled	81.9	9	PDB header: structural protein Chain: B: PDB Molecule: bh2358 protein; PDBTitle: crystal structure of a putative spore coat protein (bh2358) from2 bacillus halodurans c-125 at 1.54 a resolution
113	d1jk0b_	Alignment	not modelled	81.0	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
114	c2inpD_	Alignment	not modelled	80.4	12	PDB header: oxidoreductase Chain: D: PDB Molecule: phenol hydroxylase component phl; PDBTitle: structure of the phenol hydroxylase-regulatory protein2 complex
115	c1yfdA_	Alignment	not modelled	79.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleoside-diphosphate reductase 1 beta PDBTitle: crystal structure of the y122h mutant of ribonucleotide2 reductase r2 protein from e. coli
116	d1w68a_	Alignment	not modelled	79.0	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
117	c1syvA_	Alignment	not modelled	70.9	16	PDB header: replication, oxidoreductase Chain: A: PDB Molecule: ribonucleoside-diphosphate reductase beta chain; PDBTitle: crystal structure of the r2 subunit of ribonucleotide reductase from2 chlamydia trachomatis
118	d1syya_	Alignment	not modelled	70.9	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
119	d1oquc_	Alignment	not modelled	67.5	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
120	d3dhza1	Alignment	not modelled	67.1	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like