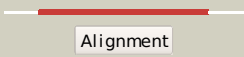
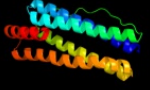
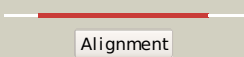

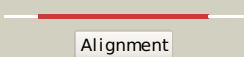
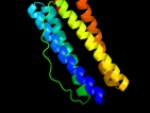
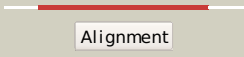
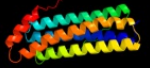
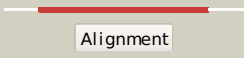
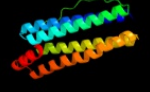
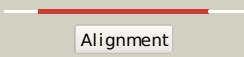

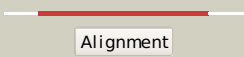
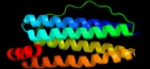
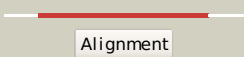
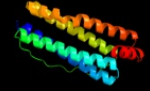
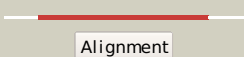
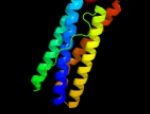
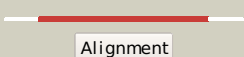

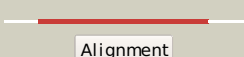
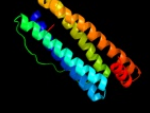



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3qz3A_	 Alignment		100.0	59	PDB header: oxidoreductase Chain: A; PDB Molecule: ferritin; PDBTitle: the crystal structure of ferritin from vibrio cholerae o1 biovar el2 tor str. n16961
2	c3bvkC_	 Alignment		100.0	42	PDB header: oxidoreductase Chain: C; PDB Molecule: ferritin; PDBTitle: structural basis for the iron uptake mechanism of helicobacter pylori2 ferritin
3	d1euma_	 Alignment		100.0	100	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
4	c2jd8C_	 Alignment		100.0	38	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
5	d1s3qa1	 Alignment		100.0	37	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
6	d1krqa_	 Alignment		100.0	47	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
7	d1vlqa_	 Alignment		100.0	31	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
8	c3a9qR_	 Alignment		100.0	25	PDB header: oxidoreductase Chain: R; PDB Molecule: soybean2 ferritin sfer4 PDBTitle: crystal structure analysis of e173a variant of the
9	d1r03a_	 Alignment		100.0	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
10	d1rcda_	 Alignment		100.0	25	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
11	c3qd8M_	 Alignment		100.0	19	PDB header: metal binding protein Chain: M; PDB Molecule: probable bacterioferritin bfrb; PDBTitle: crystal structure of mycobacterium tuberculosis bfrb

12	d1lb3a_	Alignment		100.0	20	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
13	d2ceia1	Alignment		100.0	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
14	d1mfra_	Alignment		100.0	26	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
15	d2za7a1	Alignment		100.0	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
16	d1z6om1	Alignment		100.0	21	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
17	c3e6sD_	Alignment		100.0	27	PDB header: oxidoreductase Chain: D: PDB Molecule: ferritin; PDBTitle: crystal structure of ferritin soaked with iron from pseudo-2 nitzschia multiseris
18	d1z6oa1	Alignment		100.0	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
19	d1bg7a_	Alignment		100.0	25	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
20	d1jgca_	Alignment		100.0	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
21	c3r2rA_	Alignment	not modelled	100.0	17	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)
22	c3gvyC_	Alignment	not modelled	100.0	18	PDB header: metal binding protein Chain: C: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of bacterioferritin from r.sphaeroides
23	d2htna1	Alignment	not modelled	100.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
24	d1nf4a_	Alignment	not modelled	100.0	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
25	c3fvbB_	Alignment	not modelled	100.0	21	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of ferritin (bacterioferritin) from2 brucella melitensis
26	d2fkza1	Alignment	not modelled	100.0	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
27	c3bknB_	Alignment	not modelled	100.0	20	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: the structure of mycobacterial bacterioferritin
28	d1j30a_	Alignment	not modelled	99.9	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
29	c2gavA	Alignment	not modelled	99.9	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sigma b operon;

29	c2qyyA	Alignment	not modelled	99.9	13	PDBTitle: crystal structure of ferritin like, diiron-carboxylate proteins from2 bacillus anthracis str. ames
30	d1lkoa1	Alignment	not modelled	99.9	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
31	c2vzbA	Alignment	not modelled	99.9	16	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
32	d1yv1a1	Alignment	not modelled	99.9	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
33	c2clbP	Alignment	not modelled	99.9	15	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
34	d1yuza1	Alignment	not modelled	99.9	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
35	d1nnqa1	Alignment	not modelled	99.9	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
36	c1dvvA	Alignment	not modelled	99.9	13	PDB header: electron transport Chain: A: PDB Molecule: rubrerythrin; PDBTitle: rubrerythrin
37	c1yuzB	Alignment	not modelled	99.8	11	PDB header: oxidoreductase Chain: B: PDB Molecule: nigerythrin; PDBTitle: partially reduced state of nigerythrin
38	d1o9ra	Alignment	not modelled	99.8	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
39	c2hr5B	Alignment	not modelled	99.8	15	PDB header: metal binding protein Chain: B: PDB Molecule: rubrerythrin; PDBTitle: pf1283- rubrerythrin from pyrococcus furiosus iron bound form
40	c2c41K	Alignment	not modelled	99.8	14	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
41	d1jiga	Alignment	not modelled	99.8	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
42	c2vxxB	Alignment	not modelled	99.8	15	PDB header: dna-binding protein Chain: B: PDB Molecule: starvation induced dna binding protein; PDBTitle: x-ray structure of dpsa from thermosynechococcus elongatus
43	c3iq1A	Alignment	not modelled	99.8	10	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
44	d1ji5a	Alignment	not modelled	99.8	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
45	c2d5kC	Alignment	not modelled	99.8	13	PDB header: metal binding protein Chain: C: PDB Molecule: dps family protein; PDBTitle: crystal structure of dps from staphylococcus aureus
46	d1tjoa	Alignment	not modelled	99.7	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
47	c2chpC	Alignment	not modelled	99.7	15	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
48	d2oh3a1	Alignment	not modelled	99.7	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: AMB4284-like
49	c3qhbA	Alignment	not modelled	99.7	11	PDB header: metal transport Chain: A: PDB Molecule: symerythrin; PDBTitle: crystal structure of oxidized symerythrin from cyanophora paradoxa
50	d1n1qa	Alignment	not modelled	99.7	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
51	c2c6rA	Alignment	not modelled	99.7	11	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
52	d1vela	Alignment	not modelled	99.7	9	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
53	c3kwoA	Alignment	not modelled	99.7	9	PDB header: oxidoreductase Chain: A: PDB Molecule: putative bacterioferritin; PDBTitle: crystal structure of putative bacterioferritin from2 campylobacter jejuni
54	d2fjca1	Alignment	not modelled	99.6	7	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin

55	c3oghB	Alignment	not modelled	99.6	12	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 ferritin-like superfamily of diiron-containing four-helix-bundle3 proteins
56	d1ji4a	Alignment	not modelled	99.6	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
57	c2wlaA	Alignment	not modelled	99.6	8	PDB header: oxidoreductase Chain: A: PDB Molecule: dps-like peroxide resistance protein; PDBTitle: streptococcus pyogenes dpr
58	d2bk6a1	Alignment	not modelled	99.6	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
59	d1dpsa	Alignment	not modelled	99.6	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
60	c2xgwA	Alignment	not modelled	99.6	8	PDB header: metal binding protein Chain: A: PDB Molecule: peroxide resistance protein; PDBTitle: zinc-bound crystal structure of streptococcus pyogenes dpr
61	d1umna	Alignment	not modelled	99.6	9	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
62	c2z90D	Alignment	not modelled	99.6	15	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
63	c2f7nA	Alignment	not modelled	99.6	13	PDB header: dna binding protein Chain: A: PDB Molecule: dna-binding stress response protein, dps family; PDBTitle: structure of d. radiodurans dps-1
64	d2yw6a1	Alignment	not modelled	99.5	9	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
65	c2yjkF	Alignment	not modelled	99.5	6	PDB header: metal-binding protein Chain: F: PDB Molecule: afp; PDBTitle: structure of dps from microbacterium arborescens in the2 high iron form
66	c2pybC	Alignment	not modelled	99.4	13	PDB header: metal transport Chain: C: PDB Molecule: neutrophil activating protein; PDBTitle: napa protein from borrelia burgdorferi
67	d2fzfa1	Alignment	not modelled	99.3	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
68	d1vjxa	Alignment	not modelled	99.1	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
69	d1zs3a1	Alignment	not modelled	98.9	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
70	d1jkva	Alignment	not modelled	98.9	19	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
71	d1zuja1	Alignment	not modelled	98.8	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
72	c2ib0A	Alignment	not modelled	98.6	12	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
73	d2ib0a1	Alignment	not modelled	98.6	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Rv2844-like
74	d2cwlal	Alignment	not modelled	98.4	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
75	c3q4nA	Alignment	not modelled	98.3	13	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein mj0754; PDBTitle: crystal structure of hypothetical protein mj0754 from methanococcus2 jannaschii dsm 2661
76	c3hiuB	Alignment	not modelled	98.1	10	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
77	d1za0a1	Alignment	not modelled	97.1	16	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
78	d1zpya1	Alignment	not modelled	96.7	23	Fold: Ferritin-like Superfamily: Ferritin-like Family: half-ferritin
79	d2gs4a1	Alignment	not modelled	96.6	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
80	d2gyqa1	Alignment	not modelled	95.8	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: YciF-like
						PDB header: metal binding protein

81	c3hl1B_	Alignment	not modelled	95.8	17	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	d2itba1	Alignment	not modelled	95.1	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: MiaE-like
83	d1afra_	Alignment	not modelled	94.7	20	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
84	c3dhiA_	Alignment	not modelled	89.8	12	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
85	c1u7mB_	Alignment	not modelled	78.1	21	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	77.1	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	d1mxra_	Alignment	not modelled	56.6	17	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
88	c1lt1G_	Alignment	not modelled	56.3	16	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	c3dhgB_	Alignment	not modelled	56.2	8	PDB header: oxidoreductase Chain: B: PDB Molecule: toluene 4-monooxygenase hydroxylase beta subunit; PDBTitle: crystal struture of toluene 4-monooxygenase hydroxylase
90	c3ddeB_	Alignment	not modelled	56.1	11	PDB header: unknown function Chain: B: PDB Molecule: tena/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
91	c1yfdA_	Alignment	not modelled	50.8	17	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
92	c2vuxB_	Alignment	not modelled	50.5	6	PDB header: oxidoreductase Chain: B: PDB Molecule: ribonucleoside-diphosphate reductase subunit m2 b; PDBTitle: human ribonucleotide reductase, subunit m2 b
93	d1mhyb_	Alignment	not modelled	42.6	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
94	c1smqD_	Alignment	not modelled	41.5	14	PDB header: oxidoreductase Chain: D: PDB Molecule: ribonucleoside-diphosphate reductase small chain PDBTitle: structure of the ribonucleotide reductase rnnr2 homodimer2 from saccharomyces cerevisiae
95	d2inca1	Alignment	not modelled	41.4	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
96	d1syya_	Alignment	not modelled	40.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
97	c1syvA_	Alignment	not modelled	40.0	14	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
98	d2incb1	Alignment	not modelled	35.8	9	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
99	d1smsa_	Alignment	not modelled	32.5	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
100	d1jk0a_	Alignment	not modelled	32.4	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
101	c2o1zA_	Alignment	not modelled	31.8	12	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleotide reductase subunit r2; PDBTitle: plasmodium vivax ribonucleotide reductase subunit r22 (pv086155)
102	c3b5oA_	Alignment	not modelled	31.1	17	PDB header: oxidoreductase Chain: A: PDB Molecule: cadd-like protein of unknown function; PDBTitle: crystal structure of a cadd-like protein of unknown function2 (npun_f6505) from nostoc punctiforme pcc 73102 at 1.35 a resolution
103	c2rccC_	Alignment	not modelled	29.3	7	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
104	c2rf4B_	Alignment	not modelled	28.7	22	PDB header: transferase Chain: B: PDB Molecule: dna-directed rna polymerase i subunit rpa4; PDBTitle: crystal structure of the rna polymerase i subcomplex

				a14/43	
105	c2p1iA_	<div>Alignment</div>	not modelled	25.0	12
106	d1jk0b_	<div>Alignment</div>	not modelled	24.1	13
107	d1w68a_	<div>Alignment</div>	not modelled	23.6	13

PDB header:oxidoreductase
Chain: A: **PDB Molecule:**ribonucleotide reductase, small chain;
PDBTitle: plasmodium yoelii ribonucleotide reductase subunit r2 (py03671)
Fold:Ferritin-like
Superfamily:Ferritin-like
Family:Ribonucleotide reductase-like
Fold:Ferritin-like
Superfamily:Ferritin-like
Family:Ribonucleotide reductase-like