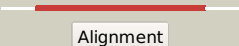



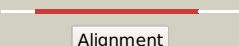





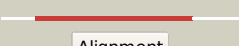










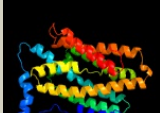


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0824c_(desA1)_917737_918753
Date	Fri Jul 26 01:50:41 BST 2019
Unique Job ID	061ae107bd768d24

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1afra_</a>	 Alignment		100.0	26	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
2	<a href="#">d1za0a1</a>	 Alignment		100.0	32	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
3	<a href="#">c1r2fB_</a>	 Alignment		98.5	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> protein (ribonucleotide reductase r2); <b>PDBTitle:</b> ribonucleotide reductase r2f protein from salmonella2 typhimurium
4	<a href="#">d1r2fa_</a>	 Alignment		98.5	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
5	<a href="#">c4bmtB_</a>	 Alignment		98.5	10	<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
6	<a href="#">c5hyhA_</a>	 Alignment		98.4	17	<b>PDB header:</b> metal binding protein <b>Chain:</b> A; <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> cmlI (chemically reduced state), arylamine oxygenase of2 chloramphenicol biosynthetic pathway
7	<a href="#">d1uzra_</a>	 Alignment		98.4	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
8	<a href="#">d1smsa_</a>	 Alignment		98.4	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
9	<a href="#">c3hf1B_</a>	 Alignment		98.4	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit m2 b; <b>PDBTitle:</b> crystal structure of human p53r2
10	<a href="#">d1w68a_</a>	 Alignment		98.4	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
11	<a href="#">c2rccC_</a>	 Alignment		98.4	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

12	<a href="#">c4hr0A_</a>	Alignment		98.4	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleotide reductase small subunit; <b>PDBTitle:</b> r2-like ligand-binding oxidase with aerobically reconstituted metal2 cofactor
13	<a href="#">c2p1iA_</a>	Alignment		98.4	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleotide reductase, small chain; <b>PDBTitle:</b> plasmodium yoelii ribonucleotide reductase subunit r2 (py03671)
14	<a href="#">c3chtA_</a>	Alignment		98.3	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> p-aminobenzoate n-oxygenase; <b>PDBTitle:</b> crystal structure of di-iron aurf with partially bound ligand
15	<a href="#">d1oquc_</a>	Alignment		98.3	8	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
16	<a href="#">c3ee4A_</a>	Alignment		98.2	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> probable ribonucleoside-diphosphate reductase; <b>PDBTitle:</b> r2-like ligand binding mn/fe oxidase from m. tuberculosis
17	<a href="#">c2o1zA_</a>	Alignment		98.2	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleotide reductase subunit r2; <b>PDBTitle:</b> plasmodium vivax ribonucleotide reductase subunit r2 (pv086155)
18	<a href="#">c1h0oA_</a>	Alignment		98.2	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase; <b>PDBTitle:</b> cobalt substitution of mouse r2 ribonucleotide reductase to2 model the reactive diferrous state
19	<a href="#">d1jk0b_</a>	Alignment		98.2	9	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
20	<a href="#">c4n83F_</a>	Alignment		98.2	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit beta; <b>PDBTitle:</b> x-ray crystal structure of streptococcus sanguinis dimanganese(ii)-2 nrdf
21	<a href="#">c6qrzA_</a>	Alignment	not modelled	98.2	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase; <b>PDBTitle:</b> crystal structure of r2-like ligand-binding oxidase from sulfobolus2 acidocaldarius solved by 3d micro-crystal electron diffraction
22	<a href="#">d1jk0a_</a>	Alignment	not modelled	98.1	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
23	<a href="#">c2vuxB_</a>	Alignment	not modelled	98.1	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase subunit m2 b; <b>PDBTitle:</b> human ribonucleotide reductase, subunit m2 b
24	<a href="#">d3dhza1</a>	Alignment	not modelled	98.1	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
25	<a href="#">c6gp2A_</a>	Alignment	not modelled	98.0	9	<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
26	<a href="#">d1syya_</a>	Alignment	not modelled	98.0	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
27	<a href="#">c1syya_</a>	Alignment	not modelled	98.0	10	<b>PDB header:</b> replication,oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase beta chain; <b>PDBTitle:</b> crystal structure of the r2 subunit of ribonucleotide reductase from2 chlamydia trachomatis
28	<a href="#">d2oh3a1</a>	Alignment	not modelled	98.0	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like

						<b>Family:</b> AMB4284-like
29	<a href="#">c1smqD_</a>	Alignment	not modelled	98.0	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 rnn2 homodimer2 from saccharomyces cerevisiae
30	<a href="#">d1mxra_</a>	Alignment	not modelled	97.9	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
31	<a href="#">c4dr0A_</a>	Alignment	not modelled	97.9	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
32	<a href="#">c4r42B_</a>	Alignment	not modelled	97.8	11	<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
33	<a href="#">d2fzfa1</a>	Alignment	not modelled	97.8	14	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
34	<a href="#">d1vjxa_</a>	Alignment	not modelled	97.8	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
35	<a href="#">c6cwqA_</a>	Alignment	not modelled	97.7	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ribonucleotide reductase; <b>PDBTitle:</b> x-ray crystal structure of flavobacterium johnsoniae dimanganese(ii)2 ribonucleotide reductase beta subunit (as-isolated)
36	<a href="#">c1yfdA_</a>	Alignment	not modelled	97.6	11	<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
37	<a href="#">c6d9fA_</a>	Alignment	not modelled	97.6	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative vmb homolog; <b>PDBTitle:</b> protein 60 with aldehyde deformylating oxidase activity from2 kitasatospora setae
38	<a href="#">c5xx9A_</a>	Alignment	not modelled	97.6	19	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> crystal structure of bacterioferritin
39	<a href="#">c4a58B_</a>	Alignment	not modelled	97.5	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase small chain; <b>PDBTitle:</b> crystal structure of a monometal state of the2 ribonucleotide-reductase small subunit from epstein-barr virus in3 orthorhombic space group
40	<a href="#">c4di0B_</a>	Alignment	not modelled	97.4	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> rubrerythrin; <b>PDBTitle:</b> the structure of rubrerythrin from burkholderia pseudomallei
41	<a href="#">c3bknB_</a>	Alignment	not modelled	97.4	19	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> the structure of mycobacterial bacterioferritin
42	<a href="#">c5olkD_</a>	Alignment	not modelled	97.4	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> ribonucleoside-diphosphate reductase, beta subunit 1; <b>PDBTitle:</b> crystal structure of the atp-cone-containing nrdb from2 leeuwenhoekella blandensis
43	<a href="#">d2fkza1</a>	Alignment	not modelled	97.2	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
44	<a href="#">c5n5eM_</a>	Alignment	not modelled	97.2	11	<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
45	<a href="#">c5uxgB_</a>	Alignment	not modelled	97.2	17	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> aldehyde deformylating oxygenase; <b>PDBTitle:</b> protein 84 with aldehyde deformylating oxygenase activity from2 sulfolobus tokodaii (monoclinic)
46	<a href="#">d1jgca_</a>	Alignment	not modelled	97.2	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
47	<a href="#">d1lkoa1</a>	Alignment	not modelled	97.2	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
48	<a href="#">c4am4B_</a>	Alignment	not modelled	97.1	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> bacterioferritin; <b>PDBTitle:</b> bacterioferritin from blastochloris viridis
49	<a href="#">d1nnqa1</a>	Alignment	not modelled	96.9	18	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
50	<a href="#">c4mudA_</a>	Alignment	not modelled	96.9	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ring oxydation complex/ phenylacetic acid degradation <b>PDBTitle:</b> crystal structure of a ring oxydation complex/ phenylacetic acid2 degradation-like protein (sso1313) from sulfolobus solfataricus p2 at3 2.43 a resolution
51	<a href="#">d1j30a_</a>	Alignment	not modelled	96.9	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
52	<a href="#">c3qhbA_</a>	Alignment	not modelled	96.8	12	<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
						<b>Fold:</b> Ferritin-like

53	<a href="#">d2htna1</a>	Alignment	not modelled	96.8	16	<b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
54	<a href="#">c1dvbA</a>	Alignment	not modelled	96.6	14	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> rubrerythrin; <b>PDBTitle:</b> rubrerythrin
55	<a href="#">d1nf4a</a>	Alignment	not modelled	96.6	18	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
56	<a href="#">c3r2rA</a>	Alignment	not modelled	96.5	18	<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)
57	<a href="#">c3dhiA</a>	Alignment	not modelled	96.5	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> toluene 4-monooxygenase hydroxylase alpha subunit; <b>PDBTitle:</b> crystal structure of reduced toluene 4-monooxygenase hydroxylase2 complexed with effector protein
58	<a href="#">c3gvyC</a>	Alignment	not modelled	96.5	17	<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
59	<a href="#">d2inca1</a>	Alignment	not modelled	96.2	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
60	<a href="#">c3fvbB</a>	Alignment	not modelled	96.2	23	<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
61	<a href="#">c2vzbA</a>	Alignment	not modelled	96.2	15	<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
62	<a href="#">d1mhyd</a>	Alignment	not modelled	96.2	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
63	<a href="#">d1yv1a1</a>	Alignment	not modelled	96.1	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
64	<a href="#">c5da5R</a>	Alignment	not modelled	95.9	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> R: <b>PDB Molecule:</b> rru_a0973; <b>PDBTitle:</b> crystal structure of rhodospirillum rubrum rru_a0973
65	<a href="#">d1mtyd</a>	Alignment	not modelled	95.8	17	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
66	<a href="#">c2qqyA</a>	Alignment	not modelled	95.6	16	<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
67	<a href="#">c5n5fC</a>	Alignment	not modelled	95.5	15	<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
68	<a href="#">d1krqa</a>	Alignment	not modelled	95.3	15	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
69	<a href="#">c3q4nA</a>	Alignment	not modelled	95.3	12	<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
70	<a href="#">d1jkva</a>	Alignment	not modelled	95.2	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Manganese catalase (T-catalase)
71	<a href="#">d1zpya1</a>	Alignment	not modelled	95.1	15	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> half-ferritin
72	<a href="#">c2ib0A</a>	Alignment	not modelled	95.1	10	<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
73	<a href="#">d2ib0a1</a>	Alignment	not modelled	95.1	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Rv2844-like
74	<a href="#">d1yuza1</a>	Alignment	not modelled	95.1	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
75	<a href="#">c5ouwA</a>	Alignment	not modelled	94.9	12	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> metal free structure of synftn
76	<a href="#">c2clbP</a>	Alignment	not modelled	94.5	10	<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 sulfolobus2 solfataricus reveals a bacterioferritin-like di-metal3 binding site within a dps-like dodecameric assembly
77	<a href="#">c2hr5B</a>	Alignment	not modelled	94.1	18	<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
78	<a href="#">d1vlga</a>	Alignment	not modelled	93.7	13	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
						<b>PDB header:</b> oxidoreductase

79	<a href="#">c3pw1A</a>	Alignment	not modelled	93.7	13	<b>Chain:</b> A: <b>PDB Molecule:</b> phenylacetic acid degradation protein paaa; <b>PDBTitle:</b> the phenylacetyl-coa monooxygenase paaac subcomplex with phenylacetyl-2 coa
80	<a href="#">c3e6sD</a>	Alignment	not modelled	93.2	14	<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 multiseres
81	<a href="#">c3bvkC</a>	Alignment	not modelled	93.1	15	<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
82	<a href="#">c5wpmA</a>	Alignment	not modelled	92.6	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> zn-bound structure of chaetopterus variopedatus ferritin
83	<a href="#">c1yuzB</a>	Alignment	not modelled	92.2	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nigerythrin; <b>PDBTitle:</b> partially reduced state of nigerythrin
84	<a href="#">c3qd8M</a>	Alignment	not modelled	91.3	14	<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
85	<a href="#">c3pm5B</a>	Alignment	not modelled	90.7	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> benzoyl-coa oxygenase component b; <b>PDBTitle:</b> crystal structure of boxb in mixed valent state with bound benzoyl-coa
86	<a href="#">c4cmYn</a>	Alignment	not modelled	89.9	16	<b>PDB header:</b> metal transport <b>Chain:</b> N: <b>PDB Molecule:</b> ferritin; <b>PDBTitle:</b> chlorobium tepidum ferritin
87	<a href="#">d1r03a</a>	Alignment	not modelled	89.1	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
88	<a href="#">c3vnxA</a>	Alignment	not modelled	88.8	12	<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.
89	<a href="#">d1s3qa1</a>	Alignment	not modelled	87.9	15	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
90	<a href="#">d1euma</a>	Alignment	not modelled	86.7	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
91	<a href="#">c3qz3A</a>	Alignment	not modelled	86.2	12	<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
92	<a href="#">d2ceia1</a>	Alignment	not modelled	85.6	11	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
93	<a href="#">d2za7a1</a>	Alignment	not modelled	85.5	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
94	<a href="#">d1lb3a</a>	Alignment	not modelled	84.8	8	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
95	<a href="#">c2innA</a>	Alignment	not modelled	83.6	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> phenol hydroxylase component phn; <b>PDBTitle:</b> structure of the phenol hydroxylase-regulatory protein complex
96	<a href="#">c2jd8C</a>	Alignment	not modelled	82.6	15	<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
97	<a href="#">d1mfra</a>	Alignment	not modelled	82.4	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
98	<a href="#">d1rcda</a>	Alignment	not modelled	81.6	9	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
99	<a href="#">d2cwl1</a>	Alignment	not modelled	81.6	19	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Manganese catalase (T-catalase)
100	<a href="#">d1otka</a>	Alignment	not modelled	80.9	10	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
101	<a href="#">c3oghB</a>	Alignment	not modelled	78.1	9	<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
102	<a href="#">c6a4uD</a>	Alignment	not modelled	77.6	12	<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
103	<a href="#">c3a9qR</a>	Alignment	not modelled	73.4	11	<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
104	<a href="#">d1z6om1</a>	Alignment	not modelled	51.8	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ferritin
105	<a href="#">d1nera</a>	Alignment	not modelled	45.3	17	<b>Fold:</b> lambda repressor-like DNA-binding domains <b>Superfamily:</b> lambda repressor-like DNA-binding domains

						<b>Family:</b> Phage repressors
106	<a href="#">c3dhgB_</a>	Alignment	not modelled	43.0	10	<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="#">c5ux1D_</a>	Alignment	not modelled	41.8	18	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> trna-(ms2)io(6)a)-hydroxylase-like; <b>PDBTitle:</b> protein 43 with aldehyde deformylating oxygenase activity from2 synechococcus
108	<a href="#">c3pk1A_</a>	Alignment	not modelled	35.9	17	<b>PDB header:</b> apoptosis/apoptosis regulator <b>Chain:</b> A: <b>PDB Molecule:</b> induced myeloid leukemia cell differentiation protein mcl- <b>PDBTitle:</b> crystal structure of mcl-1 in complex with the baxbh3 domain
109	<a href="#">c2g39A_</a>	Alignment	not modelled	35.6	7	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> acetyl-coa hydrolase; <b>PDBTitle:</b> crystal structure of coenzyme a transferase from pseudomonas2 aeruginosa
110	<a href="#">c2csdB_</a>	Alignment	not modelled	30.9	17	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> topoisomerase v; <b>PDBTitle:</b> crystal structure of topoisomerase v (61 kda fragment)
111	<a href="#">d1mhyb_</a>	Alignment	not modelled	29.4	16	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
112	<a href="#">c3wfwA_</a>	Alignment	not modelled	29.2	15	<b>PDB header:</b> oxygen transport <b>Chain:</b> A: <b>PDB Molecule:</b> hemoglobin-like flavoprotein fused to roadblock/lc7 domain; <b>PDBTitle:</b> crystal structure of the closed form of the hgb1's globin domain
113	<a href="#">d2itba1_</a>	Alignment	not modelled	22.9	12	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> MiaE-like
114	<a href="#">c3ddeB_</a>	Alignment	not modelled	22.9	8	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> tena/thi-4 protein, domain of unknown function with a heme <b>PDBTitle:</b> 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
115	<a href="#">c4wgiA_</a>	Alignment	not modelled	21.9	15	<b>PDB header:</b> apoptosis/inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> maltose-binding periplasmic protein,induced myeloid <b>PDBTitle:</b> a single diastereomer of a macrolactam core binds specifically to2 myeloid cell leukemia 1 (mcl1)