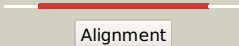



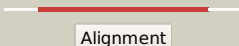

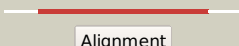

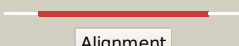

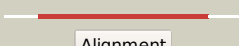

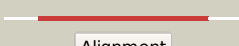











Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3048c_(nrdF)_3408415_3409389
Date	Thu Aug 8 16:20:22 BST 2019
Unique Job ID	236aaadff75645a8

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1oquc_	 Alignment		100.0	74	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
2	c6gp2A_	 Alignment		100.0	48	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleoside-diphosphate reductase beta chain; PDBTitle: ribonucleotide reductase class ie r2 from mesoplasma florum, dopa-2 active form
3	c4n83F_	 Alignment		100.0	53	PDB header: oxidoreductase Chain: F; PDB Molecule: ribonucleoside-diphosphate reductase subunit beta; PDBTitle: x-ray crystal structure of streptococcus sanguinis dimanganese(ii)-2 nrdf
4	d1r2fa_	 Alignment		100.0	71	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
5	d3dhza1	 Alignment		100.0	74	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
6	c1r2fB_	 Alignment		100.0	71	PDB header: oxidoreductase Chain: B; PDB Molecule: protein (ribonucleotide reductase r2); PDBTitle: ribonucleotide reductase r2f protein from salmonella2 typhimurium
7	d1uzra_	 Alignment		100.0	100	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
8	c4bmtB_	 Alignment		100.0	43	PDB header: oxidoreductase Chain: B; PDB Molecule: ribonucleoside-diphosphate reductase subunit beta; PDBTitle: crystal structure of ribonucleotide reductase di-iron nrd2 from bacillus cereus
9	c1yfdA_	 Alignment		100.0	24	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleoside-diphosphate reductase 1 beta chain; PDBTitle: crystal structure of the y122h mutant of ribonucleotide reductase r22 protein from e. coli
10	c4dr0A_	 Alignment		100.0	45	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleoside-diphosphate reductase subunit beta; PDBTitle: crystal structure of bacillus subtilis dimanganese(ii) nrdF
11	c6cwqA_	 Alignment		100.0	15	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleotide reductase; PDBTitle: x-ray crystal structure of flavobacterium johnsoniae dimanganese(ii)2 ribonucleotide reductase beta subunit (as-isolated)

12	c2rccC_	Alignment		100.0	24	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
13	d1mxra_	Alignment		100.0	25	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
14	d1smsa_	Alignment		100.0	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
15	c1syyA_	Alignment		100.0	21	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
16	d1syya_	Alignment		100.0	21	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
17	c5olkD_	Alignment		100.0	16	PDB header: oxidoreductase Chain: D; PDB Molecule: ribonucleoside-diphosphate reductase, beta subunit 1; PDBTitle: crystal structure of the atp-cone-containing nrdb from2 leeuwenhoekiella blandensis
18	d1jk0a_	Alignment		100.0	20	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
19	c1h0oA_	Alignment		100.0	19	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleoside-diphosphate reductase; PDBTitle: cobalt substitution of mouse r2 ribonucleotide reductase to2 model the reactive diferrous state
20	d1w68a_	Alignment		100.0	20	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
21	c1smqD_	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: D; PDB Molecule: ribonucleoside-diphosphate reductase small chain PDBTitle: structure of the ribonucleotide reductase rnr2 homodimer2 from saccharomyces cerevisiae
22	c3hf1B_	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: B; PDB Molecule: ribonucleoside-diphosphate reductase subunit m2 b; PDBTitle: crystal structure of human p53r2
23	c2o1zA_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleotide reductase subunit r2; PDBTitle: plasmodium vivax ribonucleotide reductase subunit r2 (pv086155)
24	c2p1iA_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A; PDB Molecule: ribonucleotide reductase, small chain; PDBTitle: plasmodium yoelii ribonucleotide reductase subunit r2 (py03671)
25	c2vuxB_	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: B; PDB Molecule: ribonucleoside-diphosphate reductase subunit m2 b; PDBTitle: human ribonucleotide reductase, subunit m2 b
26	d1jk0b_	Alignment	not modelled	100.0	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
27	c3ee4A_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A; PDB Molecule: probable ribonucleoside-diphosphate reductase; PDBTitle: r2-like ligand binding mn/fe oxidase from m. tuberculosis
28	c4a58B_	Alignment	not modelled	100.0	21	PDB header: oxidoreductase Chain: B; PDB Molecule: ribonucleoside-diphosphate reductase small chain; PDBTitle: crystal structure of a monometal state of the2

						ribonucleotide-reductase small subunit from epstein-barr virus in3 orthorhombic space group
29	c4hr0A_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleotide reductase small subunit; PDBTitle: r2-like ligand-binding oxidase with aerobically reconstituted metal2 cofactor
30	c6qrzA_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleoside-diphosphate reductase; PDBTitle: crystal structure of r2-like ligand-binding oxidase from sulfobolus2 acidocaldarius solved by 3d micro-crystal electron diffraction
31	c6d9fA_	Alignment	not modelled	100.0	13	PDB header: lyase Chain: A: PDB Molecule: putative v1mb homolog; PDBTitle: protein 60 with aldehyde deformylating oxidase activity from2 kitasatospora setae
32	c5uxgB_	Alignment	not modelled	100.0	12	PDB header: lyase Chain: B: PDB Molecule: aldehyde deformylating oxygenase; PDBTitle: protein 84 with aldehyde deformylating oxygenase activity from2 sulfobolus tokodaii (monoclinic)
33	d2inca1	Alignment	not modelled	99.1	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
34	d1mtyd_	Alignment	not modelled	99.0	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
35	d1mhyd_	Alignment	not modelled	99.0	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
36	c3dhiA_	Alignment	not modelled	99.0	13	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
37	c5hyhA_	Alignment	not modelled	98.9	12	PDB header: metal binding protein Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: cml1 (chemically reduced state), arylamine oxygenase of2 chloramphenicol biosynthetic pathway
38	c3chtA_	Alignment	not modelled	98.7	14	PDB header: oxidoreductase Chain: A: PDB Molecule: p-aminobenzoate n-oxygenase; PDBTitle: crystal structure of di-iron aurf with partially bound ligand
39	c4mudA_	Alignment	not modelled	98.5	10	PDB header: oxidoreductase Chain: A: PDB Molecule: ring oxydation complex/ phenylacetic acid degradation PDBTitle: crystal structure of a ring oxydation complex/ phenylacetic acid2 degradation-like protein (sso1313) from sulfobolus solfataricus p2 at3 2.43 a resolution
40	d2incb1	Alignment	not modelled	98.4	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
41	c2innA_	Alignment	not modelled	98.3	12	PDB header: oxidoreductase Chain: A: PDB Molecule: phenol hydroxylase component phn; PDBTitle: structure of the phenol hydroxylase-regulatory protein complex
42	d1za0a1	Alignment	not modelled	98.3	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
43	c3dhgB_	Alignment	not modelled	98.2	11	PDB header: oxidoreductase Chain: B: PDB Molecule: toluene 4-monooxygenase hydroxylase beta subunit; PDBTitle: crystal structure of toluene 4-monooxygenase hydroxylase
44	c2inpD_	Alignment	not modelled	98.2	10	PDB header: oxidoreductase Chain: D: PDB Molecule: phenol hydroxylase component phl; PDBTitle: structure of the phenol hydroxylase-regulatory protein2 complex
45	d1afra_	Alignment	not modelled	98.1	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
46	c3pw1A_	Alignment	not modelled	97.7	12	PDB header: oxidoreductase Chain: A: PDB Molecule: phenylacetic acid degradation protein paaa; PDBTitle: the phenylacetyl-coa monooxygenase paaac subcomplex with phenylacetyl-2 coa
47	d2fzfa1	Alignment	not modelled	96.4	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
48	d1mhyb_	Alignment	not modelled	96.2	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
49	c3qhbA_	Alignment	not modelled	95.3	13	PDB header: metal transport Chain: A: PDB Molecule: symerythrin; PDBTitle: crystal structure of oxidized symerythrin from cyanophora paradoxa
50	c2rd3A_	Alignment	not modelled	94.1	9	PDB header: hydrolase Chain: A: PDB Molecule: transcriptional regulator; PDBTitle: crystal structure of tena homologue (hp1287) from helicobacter pylori
51	c2hr5B_	Alignment	not modelled	93.7	18	PDB header: metal binding protein Chain: B: PDB Molecule: rubrerythrin; PDBTitle: pf1283- rubrerythrin from pyrococcus furiosus iron bound form
52	c4quwA_	Alignment	not modelled	92.9	15	PDB header: lyase Chain: A: PDB Molecule: aldehyde decarbonylase; PDBTitle: crystal structure of the apo form of cyanobacterial aldehyde-2 deformylating oxygenase
53	c3pm5B_	Alignment	not modelled	91.9	15	PDB header: oxidoreductase Chain: B: PDB Molecule: benzoyl-coa oxygenase component b; PDBTitle: crystal structure of boxb in mixed valent state with bound

						benzoyl-coa
54	c5uwzA_	Alignment	not modelled	91.9	13	PDB header: lyase Chain: A: PDB Molecule: aldehyde decarboxylase; PDBTitle: protein 12 with aldehyde deformylating oxygenase activity from2 gloeobacter violaceus
55	d1lkoa1	Alignment	not modelled	91.6	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
56	c4di0B_	Alignment	not modelled	91.6	12	PDB header: oxidoreductase Chain: B: PDB Molecule: rubrerythrin; PDBTitle: the structure of rubrerythrin from burkholderia pseudomallei
57	d1nnqa1	Alignment	not modelled	91.4	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
58	d1j30a_	Alignment	not modelled	90.6	11	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
59	c3ddeB_	Alignment	not modelled	90.6	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
60	d1yv1a1	Alignment	not modelled	90.5	7	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
61	c1dvbA_	Alignment	not modelled	89.9	15	PDB header: electron transport Chain: A: PDB Molecule: rubrerythrin; PDBTitle: rubrerythrin
62	d1mtyb_	Alignment	not modelled	89.7	8	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
63	c5n5eM_	Alignment	not modelled	89.5	12	PDB header: oxidoreductase Chain: M: PDB Molecule: pfc_05175; PDBTitle: crystal structure of encapsulated ferritin domain from pyrococcus2 furiosus pfc_05175
64	c3bknB_	Alignment	not modelled	88.5	14	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: the structure of mycobacterial bacterioferritin
65	c5ux2B_	Alignment	not modelled	87.1	17	PDB header: lyase Chain: B: PDB Molecule: aldehyde decarboxylase; PDBTitle: protein 19 with aldehyde deformylating oxidase activity from2 synechococcus
66	d2oc5a1	Alignment	not modelled	85.7	15	Fold: Ferritin-like Superfamily: Ferritin-like Family: PMT1231-like
67	c3gvyC_	Alignment	not modelled	85.4	13	PDB header: metal binding protein Chain: C: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of bacterioferritin from r.sphaeroides
68	d1jkva_	Alignment	not modelled	84.8	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
69	c5xx9A_	Alignment	not modelled	84.1	12	PDB header: metal transport Chain: A: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of bacterioferritin
70	d1rcwa_	Alignment	not modelled	83.9	12	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: PqqC-like
71	d2fkza1	Alignment	not modelled	83.6	9	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
72	c2qqyA_	Alignment	not modelled	81.6	11	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
73	d2htna1	Alignment	not modelled	81.1	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
74	c3oqlB_	Alignment	not modelled	80.2	10	PDB header: transcription Chain: B: PDB Molecule: tena homolog; PDBTitle: crystal structure of a tena homolog (pspto1738) from pseudomonas2 syringae pv. tomato str. dc3000 at 2.54 a resolution
75	d1jgca_	Alignment	not modelled	79.5	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
76	d2oh3a1	Alignment	not modelled	78.0	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: AMB4284-like
77	c4r42B_	Alignment	not modelled	78.0	10	PDB header: oxidoreductase Chain: B: PDB Molecule: alr3090 protein; PDBTitle: crystal structure of katb, a manganese catalase from anabaena pcc7120
78	d2cwla1	Alignment	not modelled	77.3	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Manganese catalase (T-catalase)
79	c3oghB_	Alignment	not modelled	77.0	11	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: protein yciC; PDBTitle: crystal structure of yciC protein from e. coli cft073, a member of2 ferritin-like superfamily of diiron-containing four-helix-bundle3 proteins

80	d1vxa_	Alignment	not modelled	76.6	14	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
81	c1yuzB_	Alignment	not modelled	75.6	10	PDB header: oxidoreductase Chain: B: PDB Molecule: nigerythrin; PDBTitle: partially reduced state of nigerythrin
82	c3qd8M_	Alignment	not modelled	71.6	17	PDB header: metal binding protein Chain: M: PDB Molecule: probable bacterioferritin bfrb; PDBTitle: crystal structure of mycobacterium tuberculosis bfrb
83	d1udda_	Alignment	not modelled	70.2	9	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: TENA/THI-4
84	d1otka_	Alignment	not modelled	69.3	12	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
85	d1rtwa_	Alignment	not modelled	68.6	10	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: TENA/THI-4
86	c3bjdA_	Alignment	not modelled	68.5	13	PDB header: transferase Chain: A: PDB Molecule: putative 3-oxoacyl-(acyl-carrier-protein) synthase; PDBTitle: crystal structure of putative 3-oxoacyl-(acyl-carrier-protein)2 synthase from pseudomonas aeruginosa
87	c4am4B_	Alignment	not modelled	66.4	10	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: bacterioferritin from blastochloris viridis
88	c2qcxA_	Alignment	not modelled	66.2	8	PDB header: hydrolase Chain: A: PDB Molecule: transcriptional activator tena; PDBTitle: crystal structure of bacillus subtilis tena y112f mutant complexed2 with formyl aminomethyl pyrimidine
89	c3r2rA_	Alignment	not modelled	64.4	13	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)
90	d1to9a_	Alignment	not modelled	62.9	8	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: TENA/THI-4
91	c1to9A_	Alignment	not modelled	62.9	8	PDB header: biosynthetic protein Chain: A: PDB Molecule: thi-4 protein; PDBTitle: crystal structure of thi-4 protein from bacillus subtilis
92	c3fvbB_	Alignment	not modelled	60.7	9	PDB header: metal binding protein Chain: B: PDB Molecule: bacterioferritin; PDBTitle: crystal structure of ferritin (bacterioferritin) from brucella2 melitensis
93	d1yuza1	Alignment	not modelled	58.8	8	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
94	d1z72a1	Alignment	not modelled	58.5	9	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: TENA/THI-4
95	c3q4nA_	Alignment	not modelled	57.7	10	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized protein mj0754; PDBTitle: crystal structure of hypothetical protein mj0754 from methanococcus2 jannaschii dsm 2661
96	d1zpya1	Alignment	not modelled	57.7	10	Fold: Ferritin-like Superfamily: Ferritin-like Family: half-ferritin
97	d1nf4a_	Alignment	not modelled	57.7	13	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
98	c2vzbA_	Alignment	not modelled	57.5	9	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
99	c5n5fC_	Alignment	not modelled	54.9	15	PDB header: oxidoreductase Chain: C: PDB Molecule: encapsulated ferritin; PDBTitle: crystal structure of haliangium ochraceum encapsulated ferritin
100	d2gm8a1	Alignment	not modelled	46.1	8	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: TENA/THI-4
101	c5da5R_	Alignment	not modelled	45.8	13	PDB header: oxidoreductase Chain: R: PDB Molecule: rru_a0973; PDBTitle: crystal structure of rhodospirillum rubrum rru_a0973
102	c3oqlA_	Alignment	not modelled	45.0	10	PDB header: transcription Chain: A: PDB Molecule: tena homolog; PDBTitle: crystal structure of a tena homolog (pspto1738) from pseudomonas2 syringae pv. tomato str. dc3000 at 2.54 a resolution
103	c3no6B_	Alignment	not modelled	44.7	10	PDB header: hydrolase Chain: B: PDB Molecule: transcriptional activator tena; PDBTitle: crystal structure of a putative thiaminase ii (se1693) from2 staphylococcus epidermidis atcc 12228 at 1.65 a resolution
104	c5vrdD_	Alignment	not modelled	39.3	12	PDB header: oxidoreductase Chain: D: PDB Molecule: bifunctional coenzyme pqq synthesis protein c/d; PDBTitle: crystal structure for methylobacterium extorquens pqqcd (natural2 fusion)
105	c4lqxB_	Alignment	not modelled	39.0	12	PDB header: oxidoreductase Chain: B: PDB Molecule: tena/thi-4 domain-containing protein; PDBTitle: crystal structure of a tena/thi-4 domain-containing protein (sso2700)2 from sulfolobus solfataricus p2 at 2.34 a resolution PDB header: de novo protein

106	c2hz8A_	Alignment	not modelled	31.2	21	Chain: A: PDB Molecule: de novo designed diiron protein; PDBTitle: qm/mm structure refined from nmr-structure of a single2 chain diiron protein
107	d1mfra_	Alignment	not modelled	30.8	18	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ferritin
108	c4fn6B_	Alignment	not modelled	30.5	10	PDB header: transcription Chain: B: PDB Molecule: thiaminase-2; PDBTitle: structural characterization of thiaminase type ii tena from2 staphylococcus aureus
109	c5wljD_	Alignment	not modelled	28.5	40	PDB header: de novo protein Chain: D: PDB Molecule: de novo metal binding helical bundle; PDBTitle: de novo design of polynuclear transition metal clusters in helix2 bundles-4eh1
110	c5wljB_	Alignment	not modelled	28.5	40	PDB header: de novo protein Chain: B: PDB Molecule: de novo metal binding helical bundle; PDBTitle: de novo design of polynuclear transition metal clusters in helix2 bundles-4eh1
111	c5wljC_	Alignment	not modelled	28.5	40	PDB header: de novo protein Chain: C: PDB Molecule: de novo metal binding helical bundle; PDBTitle: de novo design of polynuclear transition metal clusters in helix2 bundles-4eh1
112	c5wljA_	Alignment	not modelled	28.5	40	PDB header: de novo protein Chain: A: PDB Molecule: de novo metal binding helical bundle; PDBTitle: de novo design of polynuclear transition metal clusters in helix2 bundles-4eh1
113	c3u0rA_	Alignment	not modelled	27.7	14	PDB header: apoptosis inhibitor Chain: A: PDB Molecule: apoptosis inhibitor 5; PDBTitle: helical repeat structure of apoptosis inhibitor 5 reveals protein-2 protein interaction modules
114	c4j3pA_	Alignment	not modelled	25.9	14	PDB header: oxidoreductase Chain: A: PDB Molecule: catechol oxidase; PDBTitle: crystal structure of full-length catechol oxidase from aspergillus2 oryzae
115	c3v6aA_	Alignment	not modelled	25.9	14	PDB header: apoptosis inhibitor Chain: A: PDB Molecule: apoptosis inhibitor 5; PDBTitle: helical repeat structure of apoptosis inhibitor 5 reveals protein-2 protein interaction modules
116	c3ap3A_	Alignment	not modelled	25.0	21	PDB header: transferase Chain: A: PDB Molecule: protein-tyrosine sulfotransferase 2; PDBTitle: crystal structure of human tyrosylprotein sulfotransferase-2 complexed2 with pap
117	c5wpnA_	Alignment	not modelled	24.0	12	PDB header: oxidoreductase Chain: A: PDB Molecule: ferritin; PDBTitle: zn-bound structure of chaetopterus variopedatus ferritin
118	d1lnla1	Alignment	not modelled	22.9	18	Fold: Di-copper centre-containing domain Superfamily: Di-copper centre-containing domain Family: Hemocyanin middle domain
119	c5m8pA_	Alignment	not modelled	22.0	18	PDB header: unknown function Chain: A: PDB Molecule: 5,6-dihydroxyindole-2-carboxylic acid oxidase; PDBTitle: crystal structure of human tyrosinase related protein 1 in complex2 with tyrosine
120	d1otva_	Alignment	not modelled	20.5	13	Fold: Heme oxygenase-like Superfamily: Heme oxygenase-like Family: PqqC-like