





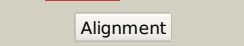





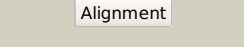

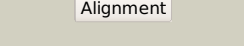

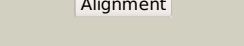
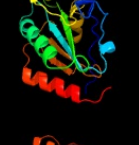
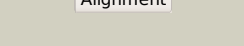

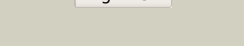



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2874_dipZ_3184857_3186944
Date	Wed Aug 7 12:50:54 BST 2019
Unique Job ID	819327356ff0741f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2hyxA_	 Alignment		100.0	100	PDB header: unknown function Chain: A; PDB Molecule: protein dipz; PDBTitle: structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
2	c6gc1A_	 Alignment		100.0	21	PDB header: unknown function Chain: A; PDB Molecule: nhl repeat-containing protein 2; PDBTitle: crystal structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
3	c5vkxA_	 Alignment		100.0	26	PDB header: oxidoreductase Chain: A; PDB Molecule: cytochrome c-type biogenesis protein ccda; PDBTitle: solution nmr structure of the membrane electron transporter ccda
4	c2n4xA_	 Alignment		99.9	22	PDB header: membrane protein Chain: A; PDB Molecule: cytochrome c-type biogenesis protein (ccda); PDBTitle: structure of the transmembrane electron transporter ccda
5	d2b5xa1	 Alignment		99.9	32	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
6	c3lorB_	 Alignment		99.9	27	PDB header: isomerase Chain: B; PDB Molecule: thiol-disulfide isomerase and thioredoxins; PDBTitle: the crystal structure of a thiol-disulfide isomerase from2 corynebacterium glutamicum to 2.2a
7	c4tr3A_	 Alignment		99.9	16	PDB header: oxidoreductase Chain: A; PDB Molecule: type iii iodothyronine deiodinase; PDBTitle: mouse iodothyronine deiodinase 3 catalytic core, semet-labeled active2 site mutant secys->cys
8	d2fy6a1	 Alignment		99.9	27	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
9	c3eytA_	 Alignment		99.9	29	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: uncharacterized protein spoa0173; PDBTitle: crystal structure of thioredoxin-like superfamily protein spoa0173
10	c2ywiA_	 Alignment		99.9	17	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from2 geobacillus kaustophilus
11	d2cvba1	 Alignment		99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like

12	d1knga_	Alignment		99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
13	c3u5rG_	Alignment		99.9	15	PDB header: structural genomics, unknown function Chain: G: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a hypothetical protein smc02350 from2 sinorhizobium meliloti 1021
14	c3lwaA_	Alignment		99.9	14	PDB header: isomerase Chain: A: PDB Molecule: secreted thiol-disulfide isomerase; PDBTitle: the crystal structure of a secreted thiol-disulfide isomerase from2 corynebacterium glutamicum to 1.75a
15	c4ka0C_	Alignment		99.8	20	PDB header: oxidoreductase Chain: C: PDB Molecule: putative thiol-disulfide oxidoreductase; PDBTitle: crystal structure of a putative thiol-disulfide oxidoreductase from2 bacteroides vulgatus (target nysgrc-011676), space group p21221
16	d1jfua_	Alignment		99.8	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
17	c2l5oA_	Alignment		99.8	22	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin; PDBTitle: solution structure of a putative thioredoxin from neisseria2 meningitidis
18	c3or5A_	Alignment		99.8	26	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein, thioredoxin family PDBTitle: crystal structure of thiol:disulfide interchange protein, thioredoxin2 family protein from chlorobium tepidum t1s
19	c3razA_	Alignment		99.8	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-related protein; PDBTitle: the crystal structure of thioredoxin-related protein from neisseria2 meningitidis serogroup b
20	d1z5ye1	Alignment		99.8	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
21	c3ha9A_	Alignment	not modelled	99.8	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized thioredoxin-like protein; PDBTitle: the 1.7a crystal structure of a thioredoxin-like protein from2 aeropyrum pernix
22	c3erwG_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: G: PDB Molecule: sporulation thiol-disulfide oxidoreductase a; PDBTitle: crystal structure of stoa from bacillus subtilis
23	c4pq1B_	Alignment	not modelled	99.8	14	PDB header: oxidoreductase Chain: B: PDB Molecule: putative electron transport related protein; PDBTitle: crystal structure and functional implications of a dsbf homologue from2 corynebacterium diphtheriae
24	c4evmA_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: 1.5 angstrom crystal structure of soluble domain of membrane-anchored2 thioredoxin family protein from streptococcus pneumoniae strain3 canada mdr_19a
25	c3hczA_	Alignment	not modelled	99.8	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: possible thiol-disulfide isomerase; PDBTitle: the crystal structure of a domain of possible thiol-disulfide2 isomerase from cytophaga hutchinsonii atcc 33406.
26	c3gl3D_	Alignment	not modelled	99.8	28	PDB header: oxidoreductase Chain: D: PDB Molecule: putative thiol:disulfide interchange protein PDBTitle: crystal structure of a putative thiol:disulfide interchange2 protein dsbe from chlorobium tepidum
27	d1lu4a_	Alignment	not modelled	99.8	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
28	c2b1kA_	Alianment	not modelled	99.8	20	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbe;

						PDBTitle: crystal structure of e. coli ccmg protein
29	c3kcmC_	Alignment	not modelled	99.8	25	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from geobacter2 metallireducens
30	c5um7B_	Alignment	not modelled	99.8	16	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin signature protein; PDBTitle: crystal structure of the reduced state of the thiol-disulfide2 reductase sdba from streptococcus gordonii
31	c3kh7A_	Alignment	not modelled	99.8	19	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbe; PDBTitle: crystal structure of the periplasmic soluble domain of reduced ccmg2 from pseudomonas aeruginosa
32	d1st9a_	Alignment	not modelled	99.8	23	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
33	d1zooa1	Alignment	not modelled	99.8	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
34	d1uuua_	Alignment	not modelled	99.8	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
35	c2yp6A_	Alignment	not modelled	99.8	23	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: crystal structure of the pneumococcal exposed lipoprotein2 thioredoxin sp_1000 (etrx2) from streptococcus pneumoniae3 strain tigr4 in complex with cyclofos 3 tm
36	c3fw2A_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: c-terminal domain of putative thiol-disulfide oxidoreductase from2 bacteroides thetaiotaomicron.
37	d1gp1a_	Alignment	not modelled	99.8	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
38	c2m72A_	Alignment	not modelled	99.8	20	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized thioredoxin-like protein; PDBTitle: solution structure of uncharacterized thioredoxin-like protein pg_21752 from porphyromonas gingivalis
39	c4yodA_	Alignment	not modelled	99.8	17	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (baccac_02376) from2 bacteroides caccae atcc 43185 at 1.90 a resolution
40	c3fkfC_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: thiol-disulfide oxidoreductase from bacteroides fragilis nctc 9343
41	c4fo5A_	Alignment	not modelled	99.8	12	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (bdi_1100) from2 parabacteroides distasonis atcc 8503 at 2.02 a resolution
42	c4nmuB_	Alignment	not modelled	99.8	27	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol-disulfide oxidoreductase resa; PDBTitle: crystal structure of thiol-disulfide oxidoreductase from bacillus str.2 'ames ancestor'
43	d2f8aa1	Alignment	not modelled	99.8	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
44	c3cynC_	Alignment	not modelled	99.8	16	PDB header: oxidoreductase Chain: C: PDB Molecule: probable glutathione peroxidase 8; PDBTitle: the structure of human gpx8
45	c2lrtA_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of the uncharacterized thioredoxin-like protein2 buv_1432 from bacteroides vulgatus
46	c2v1mA_	Alignment	not modelled	99.8	12	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase; PDBTitle: crystal structure of schistosoma mansoni glutathione peroxidase
47	c3hdcA_	Alignment	not modelled	99.8	24	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from geobacter2 metallireducens
48	c3eurA_	Alignment	not modelled	99.8	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of the c-terminal domain of uncharacterized protein2 from bacteroides fragilis nctc 9343
49	c3ewlA_	Alignment	not modelled	99.8	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized conserved protein bf1870; PDBTitle: crystal structure of conserved protein bf1870 of unknown function from2 bacteroides fragilis
50	c4eo3A_	Alignment	not modelled	99.8	14	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein/nadh dehydrogenase; PDBTitle: peroxiredoxin nitroreductase fusion enzyme
51	c2ls5A_	Alignment	not modelled	99.8	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of a putative protein disulfide isomerase from2 bacteroides thetaiotaomicron
52	c4fyuB_	Alignment	not modelled	99.7	16	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from wuchereria bancrofti at 2.02 angstrom
53	c2r37A_	Alignment	not modelled	99.7	14	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase 3; PDBTitle: crystal structure of human glutathione peroxidase 3 (selenocysteine to2 glycine mutant)

54	c2he3A	Alignment	not modelled	99.7	12	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase 2; PDBTitle: crystal structure of the selenocysteine to cysteine mutant of human2 glutathione peroxidase 2 (gpx2)
55	c1zofB	Alignment	not modelled	99.7	21	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide-reductase; PDBTitle: crystal structure of alkyl hydroperoxide-reductase (ahpc)2 from helicobacter pylori
56	d1i5ga	Alignment	not modelled	99.7	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
57	c5enuB	Alignment	not modelled	99.7	22	PDB header: oxidoreductase Chain: B: PDB Molecule: thio-disulfide isomerase/thioredoxin/ specific antioxidant/ PDBTitle: crystal structure of an alkyl hydroperoxide reductase from burkholderia2 ambifaria
58	c3ia1A	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: A: PDB Molecule: thio-disulfide isomerase/thioredoxin; PDBTitle: crystal structure of thio-disulfide isomerase from thermus2 thermophilus
59	c2p5qA	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase 5; PDBTitle: crystal structure of the poplar glutathione peroxidase 5 in the2 reduced form
60	d1n8ja	Alignment	not modelled	99.7	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
61	c2lrnA	Alignment	not modelled	99.7	25	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: solution structure of a thiol:disulfide interchange protein from2 bacteroides sp.
62	c5zteA	Alignment	not modelled	99.7	18	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-cys peroxiredoxin bas1, chloroplastic; PDBTitle: crystal structure of prxa c119s mutant from arabidopsis thaliana
63	c3tkpB	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin-4; PDBTitle: crystal structure of full-length human peroxiredoxin 4 in the reduced2 form
64	c3kebB	Alignment	not modelled	99.7	15	PDB header: oxidoreductase Chain: B: PDB Molecule: probable thiol peroxidase; PDBTitle: thiol peroxidase from chromobacterium violaceum
65	c3dvwB	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: B: PDB Molecule: glutathione peroxidase-like protein; PDBTitle: glutathione peroxidase-type tryparedoxin peroxidase, oxidized form
66	d2cv4a1	Alignment	not modelled	99.7	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
67	d1o73a	Alignment	not modelled	99.7	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
68	d1qmva	Alignment	not modelled	99.7	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
69	d1zofa1	Alignment	not modelled	99.7	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
70	c3cmiA	Alignment	not modelled	99.7	18	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin hyr1; PDBTitle: crystal structure of glutathione-dependent phospholipid peroxidase2 hyr1 from the yeast saccharomyces cerevisiae
71	d2bmx1	Alignment	not modelled	99.7	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
72	d1qq2a	Alignment	not modelled	99.7	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
73	c5y63E	Alignment	not modelled	99.7	13	PDB header: oxidoreductase Chain: E: PDB Molecule: alkyl hydroperoxide reductase, c subunit; PDBTitle: crystal structure of enterococcus faecalis ahpc
74	c2c0dA	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin peroxidase 2; PDBTitle: structure of the mitochondrial 2-cys peroxiredoxin from2 plasmodium falciparum
75	d1wp0a1	Alignment	not modelled	99.7	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
76	c2rliA	Alignment	not modelled	99.7	15	PDB header: metal transport Chain: A: PDB Molecule: sco2 protein homolog, mitochondrial; PDBTitle: solution structure of cu(i) human sco2
77	c2obiA	Alignment	not modelled	99.7	13	PDB header: oxidoreductase Chain: A: PDB Molecule: phospholipid hydroperoxide glutathione PDBTitle: crystal structure of the selenocysteine to cysteine mutant2 of human phospholipid hydroperoxide glutathione peroxidase3 (gpx4)
78	c3sbcG	Alignment	not modelled	99.7	20	PDB header: oxidoreductase Chain: G: PDB Molecule: peroxiredoxin tsa1; PDBTitle: crystal structure of saccharomyces cerevisiae tsa1c47s mutant protein
79	c3ztlB	Alignment	not modelled	99.7	23	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin peroxidase; PDBTitle: crystal structure of decameric form of peroxiredoxin i from2 schistosoma mansoni

80	d2h01a1	Alignment	not modelled	99.7	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
81	c2bmxB_	Alignment	not modelled	99.7	14	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxidase c; PDBTitle: mycobacterium tuberculosis ahpc
82	d1zyea1	Alignment	not modelled	99.7	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
83	c3f9uA_	Alignment	not modelled	99.7	13	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative exported cytochrome c biogenesis-related protein; PDBTitle: crystal structure of c-terminal domain of putative exported cytochrome c biogenesis-related protein from bacteroides fragilis
84	c2lusA_	Alignment	not modelled	99.7	13	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: nmr structure of carinoscorpis rotundicauda thioredoxin related2 protein 16 and its role in regulating transcription factor nf-kb3 activity
85	c3s9fA_	Alignment	not modelled	99.7	21	PDB header: electron transport Chain: A: PDB Molecule: tryparedoxin; PDBTitle: the structure of tryparedoxin i from leishmania major
86	c2i81B_	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: B: PDB Molecule: 2-cys peroxiredoxin; PDBTitle: crystal structure of plasmodium vivax 2-cys peroxiredoxin,2 reduced
87	c5jcgC_	Alignment	not modelled	99.7	17	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin-dependent peroxide reductase, mitochondrial; PDBTitle: structure of human peroxiredoxin 3 as three stacked rings
88	c3ixrA_	Alignment	not modelled	99.7	13	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: crystal structure of xylella fastidiosa prxq c47s mutant
89	c2p31B_	Alignment	not modelled	99.7	13	PDB header: oxidoreductase Chain: B: PDB Molecule: glutathione peroxidase 7; PDBTitle: crystal structure of human glutathione peroxidase 7
90	d1o8xa_	Alignment	not modelled	99.7	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
91	c3gknA_	Alignment	not modelled	99.7	18	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: insights into the alkyl peroxide reduction activity of xanthomonas2 campestris bacterioferritin comigratory protein from the trapped3 intermediate/ligand complex structures
92	c3me8B_	Alignment	not modelled	99.7	13	PDB header: electron transport Chain: B: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of putative electron transfer protein aq 2194 from2 aquifex aeolicus vf5
93	d1yexa1	Alignment	not modelled	99.7	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
94	c6feuj_	Alignment	not modelled	99.6	19	PDB header: oxidoreductase Chain: J: PDB Molecule: peroxiredoxin; PDBTitle: insights into the alkyl peroxide reduction activity of thermo-acidophilic archaeon2 sulfolobus islandicus
95	c2yzhD_	Alignment	not modelled	99.6	16	PDB header: oxidoreductase Chain: D: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of peroxiredoxin-like protein from aquifex aeolicus
96	d1e2ya_	Alignment	not modelled	99.6	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
97	d2a4va1	Alignment	not modelled	99.6	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
98	c3tueB_	Alignment	not modelled	99.6	18	PDB header: oxidoreductase Chain: B: PDB Molecule: tryparedoxin peroxidase; PDBTitle: the structure of tryparedoxin peroxidase i from leishmania major
99	c2h66G_	Alignment	not modelled	99.6	17	PDB header: structural genomics/oxidoreductase Chain: G: PDB Molecule: pv-pf14_0368; PDBTitle: the crystal structure of plasmodium vivax 2-cys2 peroxiredoxin
100	c1zyeL_	Alignment	not modelled	99.6	18	PDB header: oxidoreductase Chain: L: PDB Molecule: thioredoxin-dependent peroxide reductase; PDBTitle: crystal structure analysis of bovine mitochondrial peroxiredoxin iii
101	d1xvwa1	Alignment	not modelled	99.6	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
102	d2b7ka1	Alignment	not modelled	99.6	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
103	c3drnB_	Alignment	not modelled	99.6	17	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin, bacterioferritin comigratory protein PDBTitle: the crystal structure of bcp1 from sulfolobus sulfataricus
104	c3w6gP_	Alignment	not modelled	99.6	19	PDB header: oxidoreductase Chain: P: PDB Molecule: probable peroxiredoxin; PDBTitle: structure of peroxiredoxin from anaerobic hyperthermophilic archaeon2 pyrococcus horikoshii
						PDB header: metal binding protein

105	c2b7kD_	Alignment	not modelled	99.6	16	Chain: D; PDB Molecule: sco1 protein; PDBTitle: crystal structure of yeast sco1
106	c4kb3B_	Alignment	not modelled	99.6	19	PDB header: oxidoreductase Chain: B; PDB Molecule: peroxidoxin; PDBTitle: crystal structure of the mitochondrial peroxidoxin from leishmania2 braziliensis in the decameric form
107	d2cx4a1	Alignment	not modelled	99.6	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
108	c6n5uC_	Alignment	not modelled	99.6	12	PDB header: metal binding protein Chain: C; PDB Molecule: protein sco1 homolog 1, mitochondrial; PDBTitle: crystal structure of arabidopsis thaliana sco1 with copper bound
109	d1we0a1	Alignment	not modelled	99.6	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
110	c5ykjA_	Alignment	not modelled	99.6	18	PDB header: transferase Chain: A; PDB Molecule: peroxidoxin prx1, mitochondrial; PDBTitle: structural basis of the thiol resolving mechanism in yeast2 mitochondrial 1-cys peroxidoxin via glutathione/thioredoxin systems
111	d2zcta1	Alignment	not modelled	99.6	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
112	c2jszA_	Alignment	not modelled	99.6	16	PDB header: oxidoreductase Chain: A; PDB Molecule: probable thiol peroxidase; PDBTitle: solution structure of tpx in the reduced state
113	d1psqa_	Alignment	not modelled	99.6	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
114	c2xpdC_	Alignment	not modelled	99.5	16	PDB header: oxidoreductase Chain: C; PDB Molecule: thiol peroxidase; PDBTitle: reduced thiol peroxidase (tpx) from yersinia pseudotuberculosis
115	c4hdeA_	Alignment	not modelled	99.5	19	PDB header: lipid binding protein Chain: A; PDB Molecule: sco1/senc family lipoprotein; PDBTitle: the crystal structure of a sco1/senc family lipoprotein from bacillus2 anthracis str. ames
116	c4txoB_	Alignment	not modelled	99.5	15	PDB header: oxidoreductase/copper binding protein Chain: B; PDB Molecule: blr1131 protein; PDBTitle: crystal structure of the mixed disulfide complex of thioredoxin-like2 tlpas(c110s) and copper chaperone scois(c74s)
117	c4fybA_	Alignment	not modelled	99.5	13	PDB header: oxidoreductase Chain: A; PDB Molecule: thiol:disulfide interchange protein (dsbc); PDBTitle: structural and functional characterizations of a thioredoxin-fold2 protein from helicobacter pylori
118	c5ovqL_	Alignment	not modelled	99.5	18	PDB header: oxidoreductase Chain: L; PDB Molecule: peroxidoxin; PDBTitle: crystal structure of the peroxidoxin (ahpc2) from the2 hyperthermophilic bacteria aquifex aeolicus vf
119	d1xcca_	Alignment	not modelled	99.5	10	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
120	c2v2gC_	Alignment	not modelled	99.5	13	PDB header: oxidoreductase Chain: C; PDB Molecule: peroxidoxin 6; PDBTitle: crystal structure of the c45s mutant of the peroxidoxin 62 of arenicola marina. monoclinic form