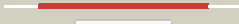



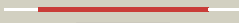




























Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1732c_(-)_1959250_1959798
Date	Fri Aug 2 13:30:33 BST 2019
Unique Job ID	92f267c412cda8c7

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2ywiA_	 Alignment		100.0	54	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from2 geobacillus kaustophilus
2	c3u5rG_	 Alignment		100.0	51	PDB header: structural genomics, unknown function Chain: G; PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a hypothetical protein smc02350 from2 sinorhizobium meliloti 1021
3	d2cvba1	 Alignment		100.0	43	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
4	c2hyxA_	 Alignment		100.0	15	PDB header: unknown function Chain: A; PDB Molecule: protein dipz; PDBTitle: structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
5	c6gc1A_	 Alignment		100.0	15	PDB header: unknown function Chain: A; PDB Molecule: nhl repeat-containing protein 2; PDBTitle: crystal structure of trx-like and nhl repeat containing domains of2 human nhlrc2
6	d1uula_	 Alignment		100.0	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
7	c3tkpB_	 Alignment		100.0	16	PDB header: oxidoreductase Chain: B; PDB Molecule: peroxiredoxin-4; PDBTitle: crystal structure of full-length human peroxiredoxin 4 in the reduced2 form
8	c2bmxB_	 Alignment		100.0	24	PDB header: oxidoreductase Chain: B; PDB Molecule: alkyl hydroperoxidase c; PDBTitle: mycobacterium tuberculosis ahpc
9	c3sbcG_	 Alignment		100.0	16	PDB header: oxidoreductase Chain: G; PDB Molecule: peroxiredoxin tsa1; PDBTitle: crystal structure of saccharomyces cerevisiae tsa1c47s mutant protein
10	d1n8ja_	 Alignment		100.0	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
11	d1qmva_	 Alignment		100.0	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like

12	c3ztlB_	Alignment		100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin peroxidase; PDBTitle: crystal structure of decameric form of peroxiredoxin i from2 schistosoma mansoni
13	c5jcgC_	Alignment		100.0	16	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin-dependent peroxide reductase, mitochondrial; PDBTitle: structure of human peroxiredoxin 3 as three stacked rings
14	c4tr3A_	Alignment		100.0	12	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
15	c1zofB_	Alignment		100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide-reductase; PDBTitle: crystal structure of alkyl hydroperoxide-reductase (ahpc)2 from helicobacter pylori
16	c6feuj_	Alignment		100.0	13	PDB header: oxidoreductase Chain: J: PDB Molecule: peroxiredoxin; PDBTitle: prxq2, a 1-cys peroxiredoxin of the thermo-acidophilic archaeon2 sulfolobus islandicus
17	c2i81B_	Alignment		100.0	14	PDB header: oxidoreductase Chain: B: PDB Molecule: 2-cys peroxiredoxin; PDBTitle: crystal structure of plasmodium vivax 2-cys peroxiredoxin,2 reduced
18	c4ka0C_	Alignment		100.0	14	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
19	c2v2gC_	Alignment		100.0	17	PDB header: oxidoreductase Chain: C: PDB Molecule: peroxiredoxin 6; PDBTitle: crystal structure of the c45s mutant of the peroxiredoxin 62 of arenicola marina. monoclinic form
20	c5zteA_	Alignment		100.0	13	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-cys peroxiredoxin bas1, chloroplastic; PDBTitle: crystal structure of prxa c119s mutant from arabidopsis thaliana
21	d1xcca_	Alignment	not modelled	100.0	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
22	c5ykjA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: peroxiredoxin prx1, mitochondrial; PDBTitle: structural basis of the thiol resolving mechanism in yeast2 mitochondrial 1-cys peroxiredoxin via glutathione/thioredoxin systems
23	d2h01a1	Alignment	not modelled	99.9	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
24	d2b5xa1	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
25	c3lorB_	Alignment	not modelled	99.9	20	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
26	d1jfua_	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
27	c5ovqL_	Alignment	not modelled	99.9	22	PDB header: oxidoreductase Chain: L: PDB Molecule: peroxiredoxin; PDBTitle: crystal structure of the peroxiredoxin (ahpc2) from the2 hyperthermophilic bacteria aquifex aeolicus vf
28	c3w6gP_	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: P: PDB Molecule: probable peroxiredoxin; PDBTitle: structure of peroxiredoxin from anaerobic hyperthermophilic archaeon2 pyrococcus horikoshii

29	d2bmx1	Alignment	not modelled	99.9	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
30	c4yodA	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (baccac_02376) from <i>Bacteroides caccae</i> atcc 43185 at 1.90 Å resolution
31	d2zcta1	Alignment	not modelled	99.9	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
32	c3ha9A	Alignment	not modelled	99.9	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized thioredoxin-like protein; PDBTitle: the 1.7 Å crystal structure of a thioredoxin-like protein from <i>Aeropyrum pernix</i>
33	c3hdca	Alignment	not modelled	99.9	26	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from <i>Geobacter2 metallireducens</i>
34	c2l5oA	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin; PDBTitle: solution structure of a putative thioredoxin from <i>Neisseria2 meningitidis</i>
35	c3gl3D	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: D: PDB Molecule: putative thiol:disulfide interchange protein PDBTitle: crystal structure of a putative thiol:disulfide interchange2 protein dsbe from <i>Chlorobium tepidum</i>
36	c2l5aA	Alignment	not modelled	99.9	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of a putative protein disulfide isomerase from <i>Bacteroides thetaiotaomicron</i>
37	c4eo3A	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein/nadh dehydrogenase; PDBTitle: peroxiredoxin nitroreductase fusion enzyme
38	c3gknA	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: insights into the alkyl peroxide reduction activity of <i>Xanthomonas2 campestris</i> bacterioferritin comigratory protein from the trapped3 intermediate/ligand complex structures
39	c3eytA	Alignment	not modelled	99.9	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein spoa0173; PDBTitle: crystal structure of thioredoxin-like superfamily protein spoa0173
40	c3kcmC	Alignment	not modelled	99.9	25	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from <i>Geobacter2 metallireducens</i>
41	d1prxa	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
42	c5um7B	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin signature protein; PDBTitle: crystal structure of the reduced state of the thiol-disulfide2 reductase sdba from <i>Streptococcus gordonii</i>
43	c5y63E	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: E: PDB Molecule: alkyl hydroperoxide reductase, c subunit; PDBTitle: crystal structure of <i>Enterococcus faecalis</i> ahpc
44	d1qq2a	Alignment	not modelled	99.9	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
45	c2h66G	Alignment	not modelled	99.9	14	PDB header: structural genomics/oxidoreductase Chain: G: PDB Molecule: pv-pf14_0368; PDBTitle: the crystal structure of <i>Plasmodium vivax</i> 2-cys2 peroxiredoxin
46	d1lu4a	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
47	c2c0dA	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin peroxidase 2; PDBTitle: structure of the mitochondrial 2-cys peroxiredoxin from <i>Plasmodium falciparum</i>
48	c3ewlA	Alignment	not modelled	99.9	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized conserved protein bf1870; PDBTitle: crystal structure of conserved protein bf1870 of unknown function from <i>Bacteroides fragilis</i>
49	d1e2ya	Alignment	not modelled	99.9	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
50	c4nmuB	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol-disulfide oxidoreductase resa; PDBTitle: crystal structure of thiol-disulfide oxidoreductase from <i>Bacillus str.2 'ames ancestor'</i>
51	c3kebB	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: B: PDB Molecule: probable thiol peroxidase; PDBTitle: thiol peroxidase from <i>Chromobacterium violaceum</i>
52	c3or5A	Alignment	not modelled	99.9	24	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 <i>Chlorobium tepidum</i> t1s
53	c2yp6A	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: crystal structure of the pneumococcal exposed lipoprotein2 thioredoxin sp_1000 (etrx2) from <i>Streptococcus pneumoniae</i> 3 strain tigr4 in complex with cyclofos 3 tm

54	d2cx4a1	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
55	c3tueB	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: B: PDB Molecule: tryparedoxin peroxidase; PDBTitle: the structure of tryparedoxin peroxidase i from leishmania major
56	c3fw2A	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: c-terminal domain of putative thiol-disulfide oxidoreductase from2 bacteroides thetaiotaomicron.
57	c3eurA	Alignment	not modelled	99.9	15	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
58	d2fy6a1	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
59	c3hczA	Alignment	not modelled	99.9	15	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.
60	c2yzhD	Alignment	not modelled	99.9	11	PDB header: oxidoreductase Chain: D: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of peroxiredoxin-like protein from aquifex aeolicus
61	c4evmA	Alignment	not modelled	99.9	15	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
62	c1zyeL	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: L: PDB Molecule: thioredoxin-dependent peroxide reductase; PDBTitle: crystal structure analysis of bovine mitochondrial peroxiredoxin iii
63	d1xvwa1	Alignment	not modelled	99.9	26	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
64	d1st9a	Alignment	not modelled	99.9	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
65	d1yexa1	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
66	c2lrnA	Alignment	not modelled	99.9	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: solution structure of a thiol:disulfide interchange protein from2 bacteroides sp.
67	c3fkfC	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: thiol-disulfide oxidoreductase from bacteroides fragilis nctc 9343
68	d1we0a1	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
69	c3lwaA	Alignment	not modelled	99.9	21	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
70	c2lrtA	Alignment	not modelled	99.9	21	PDB header: oxidoreductase Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of the uncharacterized thioredoxin-like protein2 bvu_1432 from bacteroides vulgatus
71	c5enuB	Alignment	not modelled	99.9	24	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide reductase/ thiol specific antioxidant/ PDBTitle: crystal structure of an alkyl hydroperoxide reductase from burkholderia2 ambifaria
72	d1zofa1	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
73	c4fo5A	Alignment	not modelled	99.9	10	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (bdi_1100) from2 parabacteroides distansonis atcc 8503 at 2.02 a resolution
74	c2jszA	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: solution structure of tpx in the reduced state
75	c3erwG	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: G: PDB Molecule: sporulation thiol-disulfide oxidoreductase a; PDBTitle: crystal structure of stoa from bacillus subtilis
76	c3drnB	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin, bacterioferritin comigratory protein PDBTitle: the crystal structure of bcp1 from sulfolobus sulfataricus
77	d1zyea1	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
78	c3kh7A	Alignment	not modelled	99.9	21	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
79	c4pq1B	Alignment	not modelled	99.9	24	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
80	dlzzoa1	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
81	dlpsqa_	Alignment	not modelled	99.9	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
82	c2m72A_	Alignment	not modelled	99.9	20	PDB header: unknown function Chain: A: PDB Molecule: uncharacterized thioredoxin-like protein; PDBTitle: solution structure of the mitochondrial peroxidase-like protein pg_21752 from porphyromonas gingivalis
83	d2f8aa1	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
84	c4kb3B_	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxidoxin; PDBTitle: crystal structure of the mitochondrial peroxidase from leishmania2 braziliensis in the decameric form
85	c3cynC_	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: C: PDB Molecule: probable glutathione peroxidase 8; PDBTitle: the structure of human gpx8
86	c2xpdC_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol peroxidase; PDBTitle: reduced thiol peroxidase (tpx) from yersinia pseudotuberculosis
87	d1gpiA_	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
88	c3ixrA_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: crystal structure of xylella fastidiosa prxq c47s mutant
89	c2v1mA_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase; PDBTitle: crystal structure of schistosoma mansoni glutathione peroxidase
90	c4je1A_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of thiol peroxidase from burkholderia cenocepacia2 j2315
91	d2a4va1	Alignment	not modelled	99.9	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
92	d1knga_	Alignment	not modelled	99.9	24	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
93	c2b1kA_	Alignment	not modelled	99.9	23	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbe; PDBTitle: crystal structure of e. coli cmg protein
94	c4bpyA_	Alignment	not modelled	99.9	18	PDB header: chaperone Chain: A: PDB Molecule: sco protein; PDBTitle: crystal structure of the c90a mutant of the sco copper chaperone2 protein from streptomyces lividans
95	d1q98a_	Alignment	not modelled	99.9	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
96	c3me8B_	Alignment	not modelled	99.9	17	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
97	c4fyuB_	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from wuchereria bancrofti at 2.02 angstrom
98	c3ia1A_	Alignment	not modelled	99.9	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thio-disulfide isomerase/thioredoxin; PDBTitle: crystal structure of thio-disulfide isomerase from thermus2 thermophilus
99	d1o8xa_	Alignment	not modelled	99.9	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
100	c2xhfA_	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxidoxin 5; PDBTitle: crystal structure of peroxidoxin 5 from alvinella pompejana
101	d2b7ka1	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
102	c3razA_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-related protein; PDBTitle: the crystal structure of thioredoxin-related protein from neisseria2 meningitidis serogroup b
103	d1qxha_	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
104	c3cmiA_	Alignment	not modelled	99.9	12	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxidoxin hyr1; PDBTitle: crystal structure of glutathione-dependent phospholipid peroxidase2 hyr1 from the yeast saccharomyces cerevisiae
105	c5epfA_	Alignment	not modelled	99.9	27	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxidoxin; PDBTitle: crystal structure of peroxidoxin bcpb from mycobacterium tuberculosis PDB header: oxidoreductase

106	c2obiA_	Alignment	not modelled	99.9	15	Chain: A; PDB Molecule: phospholipid hydroperoxide glutathione PDBTitle: crystal structure of the selenocysteine to cysteine mutant2 of human phospholipid hydroperoxide glutathione peroxidase3 (gpx4)
107	d1wp0a1	Alignment	not modelled	99.9	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
108	c2p5qA_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A; PDB Molecule: glutathione peroxidase 5; PDBTitle: crystal structure of the poplar glutathione peroxidase 5 in the2 reduced form
109	c4hdeA_	Alignment	not modelled	99.9	15	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
110	c3s9fA_	Alignment	not modelled	99.9	14	PDB header: electron transport Chain: A; PDB Molecule: tryparedoxin; PDBTitle: the structure of tryparedoxin i from leishmania major
111	c2he3A_	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: A; PDB Molecule: glutathione peroxidase 2; PDBTitle: crystal structure of the selenocysteine to cysteine mutant of human2 glutathionine peroxidase 2 (gpx2)
112	c3dwwB_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: B; PDB Molecule: glutathione peroxidase-like protein; PDBTitle: glutathione peroxidase-type tryparedoxin peroxidase, oxidized form
113	c2wfcD_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: D; PDB Molecule: peroxiredoxin 5; PDBTitle: crystal structure of peroxiredoxin 5 from arenicola marina
114	d1xvqa_	Alignment	not modelled	99.8	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
115	c2p31B_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: B; PDB Molecule: glutathione peroxidase 7; PDBTitle: crystal structure of human glutathione peroxidase 7
116	c2k6vA_	Alignment	not modelled	99.8	22	PDB header: electron transport Chain: A; PDB Molecule: putative cytochrome c oxidase assembly protein; PDBTitle: solution structures of apo sco1 protein from thermus2 thermophilus
117	c5k2jG_	Alignment	not modelled	99.8	18	PDB header: oxidoreductase Chain: G; PDB Molecule: 1-cys peroxiredoxin; PDBTitle: crystal structure of reduced prx3 in complex with h2o2 from vibrio2 vulnificus
118	c2r37A_	Alignment	not modelled	99.8	13	PDB header: oxidoreductase Chain: A; PDB Molecule: glutathione peroxidase 3; PDBTitle: crystal structure of human glutathione peroxidase 3 (selenocysteine to2 glycine mutant)
119	c2b7kD_	Alignment	not modelled	99.8	15	PDB header: metal binding protein Chain: D; PDB Molecule: sco1 protein; PDBTitle: crystal structure of yeast sco1
120	c4f82A_	Alignment	not modelled	99.8	19	PDB header: oxidoreductase Chain: A; PDB Molecule: thioredoxin reductase; PDBTitle: x-ray crystal structure of a putative thioredoxin reductase from2 burkholderia cenocepacia