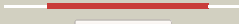



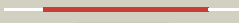


















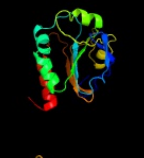


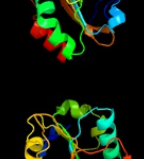



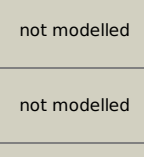


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1676_(-)_1901054_1901758
Date	Fri Aug 2 13:30:27 BST 2019
Unique Job ID	b5d24d9d25a109e8

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2hyxA_	 Alignment		100.0	22	PDB header: unknown function Chain: A; PDB Molecule: protein dipz; PDBTitle: structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
2	d1qmva_	 Alignment		100.0	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
3	c6feuj_	 Alignment		100.0	19	PDB header: oxidoreductase Chain: J; PDB Molecule: peroxiredoxin; PDBTitle: prxq2, a 1-cys peroxiredoxin of the thermo-acidophilic archaeon2 sulfolobus islandicus
4	c2v2gC_	 Alignment		100.0	13	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
5	d1uula_	 Alignment		100.0	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
6	c5ykJA_	 Alignment		100.0	11	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
7	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
8	c5ovqL_	 Alignment		100.0	17	PDB header: oxidoreductase Chain: L; PDB Molecule: peroxiredoxin; PDBTitle: crystal structure of the peroxiredoxin (ahpc2) from the2 hyperthermophilic bacteria aquifex aeolicus vf
9	c3w6gP_	 Alignment		100.0	18	PDB header: oxidoreductase Chain: P; PDB Molecule: probable peroxiredoxin; PDBTitle: structure of peroxiredoxin from anaerobic hyperthermophilic archaeon2 pyrococcus horikoshii
10	d1xcca_	 Alignment		100.0	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
11	d1prxa_	 Alignment		100.0	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like

12	c3tkpB_	Alignment		100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin-4; PDBTitle: crystal structure of full-length human peroxiredoxin 4 in the reduced2 form
13	c2bmxB_	Alignment		100.0	21	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxidase c; PDBTitle: mycobacterium tuberculosis ahpc
14	c5zteA_	Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-cys peroxiredoxin bas1, chloroplastic; PDBTitle: crystal structure of prxa c119s mutant from arabidopsis thaliana
15	c3kebB_	Alignment		100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: probable thiol peroxidase; PDBTitle: thiol peroxidase from chromobacterium violaceum
16	d1qq2a_	Alignment		100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
17	c4eo3A_	Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein/nadh dehydrogenase; PDBTitle: peroxiredoxin nitroreductase fusion enzyme
18	c2c0dA_	Alignment		100.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin peroxidase 2; PDBTitle: structure of the mitochondrial 2-cys peroxiredoxin from2 plasmodium falciparum
19	c2ywiA_	Alignment		100.0	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from2 geobacillus kaustophilus
20	c3sbcG_	Alignment		100.0	15	PDB header: oxidoreductase Chain: G: PDB Molecule: peroxiredoxin tsa1; PDBTitle: crystal structure of saccharomyces cerevisiae tsa1c47s mutant protein
21	d2cx4a1	Alignment	not modelled	100.0	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
22	d1n8ja_	Alignment	not modelled	100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
23	c1zofB_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide-reductase; PDBTitle: crystal structure of alkyl hydroperoxide-reductase (ahpc)2 from helicobacter pylori
24	c2i81B_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: B: PDB Molecule: 2-cys peroxiredoxin; PDBTitle: crystal structure of plasmodium vivax 2-cys peroxiredoxin,2 reduced
25	d1jfua_	Alignment	not modelled	100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
26	d2bmx1	Alignment	not modelled	100.0	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
27	d2zcta1	Alignment	not modelled	100.0	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
28	c3gknA_	Alignment	not modelled	100.0	15	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 PDB header: oxidoreductase

29	c2yzhD_	Alignment	not modelled	100.0	20	Chain: D: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of peroxiredoxin-like protein from aquifex aeolicus
30	c2h66G_	Alignment	not modelled	100.0	17	PDB header: structural genomics/oxidoreductase Chain: G: PDB Molecule: pv-pf14_0368; PDBTitle: the crystal structure of plasmodium vivax 2-cys2 peroxiredoxin
31	d1xvwa1	Alignment	not modelled	100.0	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
32	c3ztIB_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin peroxidase; PDBTitle: crystal structure of decameric form of peroxiredoxin i from2 schistosoma mansoni
33	d1e2ya_	Alignment	not modelled	100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
34	d1psqa_	Alignment	not modelled	100.0	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
35	c5jcgC_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin-dependent peroxide reductase, mitochondrial; PDBTitle: structure of human peroxiredoxin 3 as three stacked rings
36	d1zofa1	Alignment	not modelled	100.0	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
37	c3u5rG_	Alignment	not modelled	100.0	20	PDB header: structural genomics, unknown function Chain: G: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a hypothetical protein smc02350 from2 sinorhizobium meliloti 1021
38	d2h01a1	Alignment	not modelled	100.0	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
39	c4ka0C_	Alignment	not modelled	100.0	13	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
40	c3tueB_	Alignment	not modelled	100.0	13	PDB header: oxidoreductase Chain: B: PDB Molecule: tryparedoxin peroxidase; PDBTitle: the structure of tryparedoxin peroxidase i from leishmania major
41	c4tr3A_	Alignment	not modelled	100.0	15	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
42	c5enuB_	Alignment	not modelled	100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide reductase/ thiol specific antioxidant/ PDBTitle: crystal structure of an alkyl hydroperoxide reductase from burkholderia2 ambifaria
43	c2jszA_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: solution structure of tpx in the reduced state
44	c5y63E_	Alignment	not modelled	100.0	14	PDB header: oxidoreductase Chain: E: PDB Molecule: alkyl hydroperoxide reductase, c subunit; PDBTitle: crystal structure of enterococcus faecalis ahpc
45	c3hdcA_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from geobacter2 metallireducens
46	c2xpdC_	Alignment	not modelled	100.0	14	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol peroxidase; PDBTitle: reduced thiol peroxidase (tpx) from yersinia pseudotuberculosis
47	c1zyeL_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: L: PDB Molecule: thioredoxin-dependent peroxide reductase; PDBTitle: crystal strcutre analysis of bovine mitochondrial peroxiredoxin iii
48	c3ixrA_	Alignment	not modelled	100.0	11	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: crystal structure of xylella fastidiosa prxq c47s mutant
49	d1zyea1	Alignment	not modelled	100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
50	d2cvba1	Alignment	not modelled	100.0	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
51	d1yexa1	Alignment	not modelled	100.0	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
52	d1we0a1	Alignment	not modelled	100.0	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
53	c2xhfA_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin 5; PDBTitle: crystal structure of peroxiredoxin 5 from alvinella pompejana
54	d1qxha_	Alignment	not modelled	100.0	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like

55	c3gl3D_	Alignment	not modelled	100.0	22	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
56	d2a4va1	Alignment	not modelled	100.0	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
57	c4je1A_	Alignment	not modelled	100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of thiol peroxidase from burkholderia cenocepacia2 j2315
58	c2wfcD_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: D: PDB Molecule: peroxiredoxin 5; PDBTitle: crystal structure of peroxiredoxin 5 from arenicola marina
59	d1xvqa_	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
60	c4kb3B_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxidoxin; PDBTitle: crystal structure of the mitochondrial peroxiredoxin from leishmania2 braziliensis in the decameric form
61	c3kcmC_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from geobacter2 metallireducens
62	c4nmuB_	Alignment	not modelled	99.9	24	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol-disulfide oxidoreductase resa; PDBTitle: crystal structure of thiol-disulfide oxidoreductase from bacillus str.2 'ames ancestor'
63	c2l5oA_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin; PDBTitle: solution structure of a putative thioredoxin from neisseria2 meningitidis
64	c2ls5A_	Alignment	not modelled	99.9	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of a putative protein disulfide isomerase from2 bacteroides thetaiotaomicron
65	c3or5A_	Alignment	not modelled	99.9	20	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
66	d1lu4a_	Alignment	not modelled	99.9	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
67	d1q98a_	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
68	c4yodA_	Alignment	not modelled	99.9	11	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
69	c3ha9A_	Alignment	not modelled	99.9	15	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
70	c3drnB_	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin, bacterioferritin comigratory protein PDBTitle: the crystal structure of bcp1 from sulfolobus sulfataricus
71	d2b5xa1	Alignment	not modelled	99.9	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
72	c5epfA_	Alignment	not modelled	99.9	22	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin; PDBTitle: crystal structure of peroxidoxin bcpb from mycobacterium tuberculosis
73	c5k2jG_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: G: PDB Molecule: 1-cys peroxiredoxin; PDBTitle: crystal structure of reduced prx3 in complex with h2o2 from vibrio2 vulnificus
74	c5um7B_	Alignment	not modelled	99.9	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
75	d1hd2a_	Alignment	not modelled	99.9	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
76	c3lorB_	Alignment	not modelled	99.9	23	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
77	c4evmA_	Alignment	not modelled	99.9	21	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
78	d2fy6a1	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
79	c4f82A_	Alignment	not modelled	99.9	15	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: x-ray crystal structure of a putative thioredoxin reductase from2 burkholderia cenocepacia
						PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized conserved protein

80	c3ewlA_	Alignment	not modelled	99.9	16	bf1870; PDBTitle: crystal structure of conserved protein bf1870 of unknown function from2 bacteroides fragilis
81	d1tp9a1	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
82	d1xiya1	Alignment	not modelled	99.9	7	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
83	d1st9a_	Alignment	not modelled	99.9	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
84	c3lwaA_	Alignment	not modelled	99.9	23	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
85	c3hczA_	Alignment	not modelled	99.9	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: possible thiol-disulfide isomerase; PDBTitle: the crystal structure of a domain of possible thiol-disulfide isomerase from cytophaga hutchinsonii atcc 33406.
86	c2pwjB_	Alignment	not modelled	99.9	9	PDB header: oxidoreductase Chain: B: PDB Molecule: mitochondrial peroxiredoxin; PDBTitle: structure of a mitochondrial type ii peroxiredoxin from2 pisum sativum
87	c5j9bB_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin asp f3; PDBTitle: crystal structure of peroxiredoxin asp f3
88	c3erwG_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: G: PDB Molecule: sporulation thiol-disulfide oxidoreductase a; PDBTitle: crystal structure of stoa from bacillus subtilis
89	c2lrtA_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of the uncharacterized thioredoxin-like protein2 bv_u_1432 from bacteroides vulgatus
90	c2yp6A_	Alignment	not modelled	99.9	17	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
91	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
92	c2ywnA_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin-like protein; PDBTitle: crystal structure of peroxiredoxin-like protein from sulfolobus2 tokodaii
93	d2f8aa1	Alignment	not modelled	99.9	11	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
94	c3ia1A_	Alignment	not modelled	99.9	25	PDB header: oxidoreductase Chain: A: PDB Molecule: thio-disulfide isomerase/thioredoxin; PDBTitle: crystal structure of thio-disulfide isomerase from thermus2 thermophilus
95	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
96	c3me8B_	Alignment	not modelled	99.9	16	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	d1nm3a2	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
98	c4hdeA_	Alignment	not modelled	99.9	12	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
99	c3fw2A_	Alignment	not modelled	99.9	11	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: c-terminal domain of putative thiol-disulfide oxidoreductase from2 bacteroides thetaiotaomicron.
100	c3cynC_	Alignment	not modelled	99.9	12	PDB header: oxidoreductase Chain: C: PDB Molecule: probable glutathione peroxidase 8; PDBTitle: the structure of human gpx8
101	c4pq1B_	Alignment	not modelled	99.9	20	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
102	c2m72A_	Alignment	not modelled	99.9	21	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
103	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
104	d2b7ka1	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
105	c3umaC_	Alignment	not modelled	99.9	21	PDB header: oxidoreductase Chain: C: PDB Molecule: hypothetical peroxiredoxin protein; PDBTitle: crystal structure of a hypothetical peroxiredoxin protein frm2 sinorhizobium meliloti

106	d1wp0a1	Alignment	not modelled	99.9	12	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
107	c2b7kD	Alignment	not modelled	99.9	19	PDB header: metal binding protein Chain: D: PDB Molecule: sco1 protein; PDBTitle: crystal structure of yeast sco1
108	d1zzoa1	Alignment	not modelled	99.9	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
109	c2v1mA	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase; PDBTitle: crystal structure of schistosoma mansoni glutathione peroxidase
110	c2p5qA	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione peroxidase 5; PDBTitle: crystal structure of the poplar glutathione peroxidase 5 in the2 reduced form
111	c2lrnA	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: solution structure of a thiol:disulfide interchange protein from2 bacteroides sp.
112	c3eytA	Alignment	not modelled	99.9	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein spoa0173; PDBTitle: crystal structure of thioredoxin-like superfamily protein spoa0173
113	d2cv4a1	Alignment	not modelled	99.9	23	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
114	c4fo5A	Alignment	not modelled	99.9	16	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
115	c3dvwB	Alignment	not modelled	99.9	13	PDB header: oxidoreductase Chain: B: PDB Molecule: glutathione peroxidase-like protein; PDBTitle: glutathione peroxidase-type tryparedoxin peroxidase, oxidized form
116	d1gp1a	Alignment	not modelled	99.9	10	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
117	c2he3A	Alignment	not modelled	99.9	7	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)
118	c2b1kA	Alignment	not modelled	99.9	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbe; PDBTitle: crystal structure of e. coli ccmg protein
119	d1xzoa1	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
120	c2k6vA	Alignment	not modelled	99.9	15	PDB header: electron transport Chain: A: PDB Molecule: putative cytochrome c oxidase assembly protein; PDBTitle: solution structures of apo sco1 protein from thermus2 thermophilus