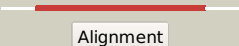



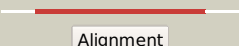





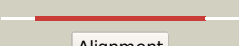








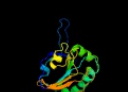













Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2428_ (ahpC)_2726203_2726790
Date	Wed Aug 7 12:50:05 BST 2019
Unique Job ID	b07d12ac0c3502c4

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3tkpB_	 Alignment		100.0	36	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin-4; PDBTitle: crystal structure of full-length human peroxiredoxin 4 in the reduced2 form
2	d1xcca_	 Alignment		100.0	28	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
3	c5ykjA_	 Alignment		100.0	33	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
4	c2v2gC_	 Alignment		100.0	30	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	c6feuj_	 Alignment		100.0	31	PDB header: oxidoreductase Chain: J: PDB Molecule: peroxiredoxin; PDBTitle: prxq2, a 1-cys peroxiredoxin of the thermo-acidophilic archaeon2 sulfolobus islandicus
6	c3sbcG_	 Alignment		100.0	39	PDB header: oxidoreductase Chain: G: PDB Molecule: peroxiredoxin tsa1; PDBTitle: crystal structure of saccharomyces cerevisiae tsa1c47s mutant protein
7	d1prxa_	 Alignment		100.0	34	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
8	d1uula_	 Alignment		100.0	37	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
9	d1qmva_	 Alignment		100.0	39	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
10	d1n8ja_	 Alignment		100.0	32	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
11	c5ovqL_	 Alignment		100.0	30	PDB header: oxidoreductase Chain: L: PDB Molecule: peroxiredoxin; PDBTitle: crystal structure of the peroxiredoxin (ahpc2) from the2 hyperthermophilic bacteria aquifex aeolicus vf

12	c5jcgC_	Alignment		100.0	38	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin-dependent peroxide reductase, mitochondrial; PDBTitle: structure of human peroxiredoxin 3 as three stacked rings
13	c2i81B_	Alignment		100.0	35	PDB header: oxidoreductase Chain: B: PDB Molecule: 2-cys peroxiredoxin; PDBTitle: crystal structure of plasmodium vivax 2-cys peroxiredoxin,2 reduced
14	c5zteA_	Alignment		100.0	40	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-cys peroxiredoxin bas1, chloroplastic; PDBTitle: crystal structure of prxa c119s mutant from arabidopsis thaliana
15	c3w6gP_	Alignment		100.0	29	PDB header: oxidoreductase Chain: P: PDB Molecule: probable peroxiredoxin; PDBTitle: structure of peroxiredoxin from anaerobic hyperthermophilic archaeon2 pyrococcus horikoshii
16	d2zcta1	Alignment		100.0	33	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
17	c2bmxB_	Alignment		100.0	99	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxidase c; PDBTitle: mycobacterium tuberculosis ahpc
18	c3ztiB_	Alignment		100.0	40	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin peroxidase; PDBTitle: crystal structure of decameric form of peroxiredoxin i from2 schistosoma mansoni
19	d2bmx1	Alignment		100.0	99	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
20	c1zofB_	Alignment		100.0	38	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide-reductase; PDBTitle: crystal structure of alkyl hydroperoxide-reductase (ahpc)2 from helicobacter pylori
21	d2h01a1	Alignment	not modelled	100.0	36	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
22	d1yexa1	Alignment	not modelled	100.0	30	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
23	c5y63E_	Alignment	not modelled	100.0	32	PDB header: oxidoreductase Chain: E: PDB Molecule: alkyl hydroperoxide reductase, c subunit; PDBTitle: crystal structure of enterococcus faecalis ahpc
24	c2h66G_	Alignment	not modelled	100.0	35	PDB header: structural genomics/oxidoreductase Chain: G: PDB Molecule: pv-pf14_0368; PDBTitle: the crystal structure of plasmodium vivax 2-cys2 peroxiredoxin
25	c2c0dA_	Alignment	not modelled	100.0	31	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin peroxidase 2; PDBTitle: structure of the mitochondrial 2-cys peroxiredoxin from2 plasmodium falciparum
26	d1we0a1	Alignment	not modelled	100.0	32	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
27	d1e2ya_	Alignment	not modelled	100.0	37	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
28	c4kb3B_	Alignment	not modelled	100.0	41	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxidoxin; PDBTitle: crystal structure of the mitochondrial peroxiredoxin from leishmania2 braziliensis in the decameric form
29	c3tueB_	Alignment	not modelled	100.0	42	PDB header: oxidoreductase Chain: B: PDB Molecule: tryparedoxin peroxidase; PDBTitle: the structure of tryparedoxin peroxidase i from

						leishmania major
30	d1qq2a_	Alignment	not modelled	100.0	40	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
31	c1zyeL_	Alignment	not modelled	100.0	41	PDB header: oxidoreductase Chain: L: PDB Molecule: thioredoxin-dependent peroxide reductase; PDBTitle: crystal strucutre analysis of bovine mitochondrial peroxiredoxin iii
32	d1zofa1	Alignment	not modelled	100.0	37	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
33	c3u5rG_	Alignment	not modelled	100.0	17	PDB header: structural genomics, unknown function Chain: G: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a hypothetical protein smc02350 from2 sinorhizobium meliloti 1021
34	d1zyea1	Alignment	not modelled	100.0	42	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
35	d2cvba1	Alignment	not modelled	100.0	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
36	c2ywiA_	Alignment	not modelled	100.0	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from2 geobacillus kaustophilus
37	c5j9bB_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin asp f3; PDBTitle: crystal structure of peroxiredoxin asp f3
38	c3kebB_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: B: PDB Molecule: probable thiol peroxidase; PDBTitle: thiol peroxidase from chromobacterium violaceum
39	c4eo3A_	Alignment	not modelled	100.0	34	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein/nadh dehydrogenase; PDBTitle: peroxiredoxin nitroreductase fusion enzyme
40	d1xvwa1	Alignment	not modelled	100.0	28	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
41	c3gknA_	Alignment	not modelled	100.0	34	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
42	d2cv4a1	Alignment	not modelled	100.0	33	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
43	c5enuB_	Alignment	not modelled	100.0	34	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide reductase/ thiol specific antioxidant/ PDBTitle: crystal structure of an alkyl hyroperoxide reductase from burkholderia2 ambifaria
44	d2cx4a1	Alignment	not modelled	100.0	28	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
45	c2yzhD_	Alignment	not modelled	100.0	26	PDB header: oxidoreductase Chain: D: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of peroxiredoxin-like protein from aquifex aeolicus
46	c2hyxA_	Alignment	not modelled	100.0	14	PDB header: unknown function Chain: A: PDB Molecule: protein dipz; PDBTitle: structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
47	c3ixrA_	Alignment	not modelled	100.0	32	PDB header: oxidoreductase Chain: A: PDB Molecule: bacterioferritin comigratory protein; PDBTitle: crystal structure of xylella fastidiosa prxq c47s mutant
48	d1tp9a1	Alignment	not modelled	100.0	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
49	c3umaC_	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: C: PDB Molecule: hypothetical peroxiredoxin protein; PDBTitle: crystal structure of a hypothetical peroxiredoxin protein frm2 sinorhizobium meliloti
50	c2jszA_	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: solution structure of tpx in the reduced state
51	c4f82A_	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: x-ray crystal structure of a putative thioredoxin reductase from2 burkholderia cenocepacia
52	c4je1A_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thiol peroxidase; PDBTitle: crystal structure of thiol peroxidase from burkholderia cenocepacia2 j2315
53	d1hd2a_	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
54	c2wfcD_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: D: PDB Molecule: peroxiredoxin 5; PDBTitle: crystal structure of peroxiredoxin 5 from arenicola marina
55	c5k2jG_	Alignment	not modelled	99.9	25	PDB header: oxidoreductase Chain: G: PDB Molecule: 1-cys peroxiredoxin; PDBTitle: crystal structure of reduced prx3 in complex with h2o2

						from vibrio2 vulnificus
56	c2xfhA_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin 5; PDBTitle: crystal structure of peroxiredoxin 5 from alvinella pompejana
57	d1psqa_	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
58	c2xpdC_	Alignment	not modelled	99.9	24	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol peroxidase; PDBTitle: reduced thiol peroxidase (tpx) from yersinia pseudotuberculosis
59	d2a4va1	Alignment	not modelled	99.9	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
60	d1nm3a2	Alignment	not modelled	99.9	23	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
61	c6gc1A_	Alignment	not modelled	99.9	16	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
62	d1q98a_	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
63	c3drnB_	Alignment	not modelled	99.9	29	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin, bacterioferritin comigratory protein PDBTitle: the crystal structure of bcp1 from sulfolobus sulfataricus
64	d1xvqa_	Alignment	not modelled	99.9	26	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
65	d1qxha_	Alignment	not modelled	99.9	25	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
66	c5epfA_	Alignment	not modelled	99.9	27	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin; PDBTitle: crystal structure of peroxiredoxin bcpb from mycobacterium tuberculosis
67	c4tr3A_	Alignment	not modelled	99.9	14	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
68	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 geobacter2 metallireducens
69	d1jfua_	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
70	d1xiya1	Alignment	not modelled	99.9	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
71	c2ywnA_	Alignment	not modelled	99.9	29	PDB header: oxidoreductase Chain: A: PDB Molecule: peroxiredoxin-like protein; PDBTitle: crystal structure of peroxiredoxin-like protein from sulfolobus2 tokodaii
72	c2pwjB_	Alignment	not modelled	99.9	13	PDB header: oxidoreductase Chain: B: PDB Molecule: mitochondrial peroxiredoxin; PDBTitle: structure of a mitochondrial type ii peroxiredoxin from2 pismus sativum
73	c2ls5A_	Alignment	not modelled	99.9	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of a putative protein disulfide isomerase from2 bacteroides thetaiotaomicron
74	c4dsqB_	Alignment	not modelled	99.9	20	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxiredoxin type-2; PDBTitle: crystal structure of peroxiredoxin ahp1 from saccharomyces cerevisiae2 in oxidized form
75	c4ka0C_	Alignment	not modelled	99.9	19	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
76	c3gl3D_	Alignment	not modelled	99.9	18	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
77	c3kcmC_	Alignment	not modelled	99.9	24	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin family protein; PDBTitle: the crystal structure of thioredoxin protein from geobacter2 metallireducens
78	c5um7B_	Alignment	not modelled	99.9	19	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
79	d2b5xa1	Alignment	not modelled	99.9	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
80	c3ha9A_	Alignment	not modelled	99.9	13	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
81	d2b7ka1	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like

82	c4nmuB_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol-disulfide oxidoreductase resa; PDBTitle: crystal structure of thiol-disulfide oxidoreductase from bacillus str.2 'ames ancestor'
83	d1lu4a_	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
84	c2l5oA_	Alignment	not modelled	99.9	22	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin; PDBTitle: solution structure of a putative thioredoxin from neisseria2 meningitidis
85	c4fo5A_	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (bdi_1100) from2 parabacteroides distansonis atcc 8503 at 2.02 a resolution
86	c2lrnA_	Alignment	not modelled	99.9	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: solution structure of a thiol:disulfide interchange protein from2 bacteroides sp.
87	c3kh7A_	Alignment	not modelled	99.9	20	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
88	c3hczA_	Alignment	not modelled	99.9	17	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.
89	c2yp6A_	Alignment	not modelled	99.9	16	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
90	d1st9a_	Alignment	not modelled	99.9	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
91	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) from2 bacteroides caccae atcc 43185 at 1.90 a resolution
92	c3or5A_	Alignment	not modelled	99.9	15	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
93	c4evmA_	Alignment	not modelled	99.9	19	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
94	c3lorB_	Alignment	not modelled	99.9	15	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
95	c2m72A_	Alignment	not modelled	99.9	22	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
96	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
97	c2b1kA_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbe; PDBTitle: crystal structure of e. coli ccmg protein
98	c3me8B_	Alignment	not modelled	99.9	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
99	d1xzoa1	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
100	c4hdeA_	Alignment	not modelled	99.9	18	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
101	c3eurA_	Alignment	not modelled	99.9	18	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
102	d2fy6a1	Alignment	not modelled	99.9	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
103	c3ia1A_	Alignment	not modelled	99.9	24	PDB header: oxidoreductase Chain: A: PDB Molecule: thio-disulfide isomerase/thioredoxin; PDBTitle: crystal structure of thio-disulfide isomerase from thermus2 thermophilus
104	c3lwaA_	Alignment	not modelled	99.9	19	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
105	c3eytA_	Alignment	not modelled	99.9	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein spoa0173; PDBTitle: crystal structure of thioredoxin-like superfamily protein spoa0173
106	c2b7kD_	Alignment	not modelled	99.9	16	PDB header: metal binding protein Chain: D: PDB Molecule: sco1 protein; PDBTitle: crystal structure of yeast sco1
						PDB header: oxidoreductase

107	c3fkfC_	Alignment	not modelled	99.9	18	Chain: C; PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: thiol-disulfide oxidoreductase from bacteroides fragilis nctc 9343
108	c3ewlA_	Alignment	not modelled	99.9	13	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
109	d1zzoa1	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
110	c1nm3B_	Alignment	not modelled	99.9	23	PDB header: electron transport Chain: B; PDB Molecule: protein hi0572; PDBTitle: crystal structure of heamophilus influenza hybrid-prx5
111	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
112	c2rliA_	Alignment	not modelled	99.8	19	PDB header: metal transport Chain: A; PDB Molecule: sco2 protein homolog, mitochondrial; PDBTitle: solution structure of cu(i) human sco2
113	c3fw2A_	Alignment	not modelled	99.8	13	PDB header: oxidoreductase Chain: A; PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: c-terminal domain of putative thiol-disulfide oxidoreductase from2 bacteroides thetaiotaomicron.
114	c2lrtA_	Alignment	not modelled	99.8	19	PDB header: oxidoreductase Chain: A; PDB Molecule: uncharacterized protein; PDBTitle: solution structure of the uncharacterized thioredoxin-like protein2 bvu_1432 from bacteroides vulgatus
115	c4pq1B_	Alignment	not modelled	99.8	16	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
116	c4fyuB_	Alignment	not modelled	99.8	17	PDB header: oxidoreductase Chain: B; PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from wuchereria bancrofti at 2.02 angstrom
117	d1knga_	Alignment	not modelled	99.8	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
118	d1wp0a1	Alignment	not modelled	99.8	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
119	c4bpyA_	Alignment	not modelled	99.8	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
120	c3cynC_	Alignment	not modelled	99.8	14	PDB header: oxidoreductase Chain: C; PDB Molecule: probable glutathione peroxidase 8; PDBTitle: the structure of human gpx8