



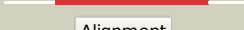

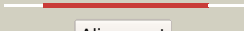









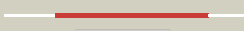







Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2969c_(-)_3323719_3324486
Date	Thu Aug 8 16:20:13 BST 2019
Unique Job ID	45d09606c5a6a194

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4jr6A_	 Alignment		100.0	98	PDB header: oxidoreductase Chain: A: PDB Molecule: possible conserved membrane or secreted protein; PDBTitle: crystal structure of dsba from mycobacterium tuberculosis (reduced)
2	c4pwoA_	 Alignment		100.0	21	PDB header: structural genomics Chain: A: PDB Molecule: dsba; PDBTitle: crystal structure of dsba from the gram positive bacterium2 corynebacterium diphtheriae
3	c6bo0A_	 Alignment		100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: mdba protein; PDBTitle: mdba protein, a thiol-disulfide oxidoreductase from corynebacterium2 matruchotii
4	c5c00B_	 Alignment		100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: mdba protein; PDBTitle: mdba protein, a thiol-disulfide oxidoreductase from corynebacterium2 diphtheriae
5	c4z7xA_	 Alignment		100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: mdba; PDBTitle: mdba protein, a thiol-disulfide oxidoreductase from actinomyces oris.
6	c5kbcA_	 Alignment		100.0	22	PDB header: oxidoreductase Chain: A: PDB Molecule: dsba; PDBTitle: crystal structure of chlamydia trachomatis dsba
7	c3f4tA_	 Alignment		100.0	19	PDB header: oxidoreductase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of wolbachia pipientis alpha-dsba1 c97a/c146a
8	c4xvwK_	 Alignment		100.0	21	PDB header: isomerase Chain: K: PDB Molecule: dsba-like protein; PDBTitle: crystal structure of proteus mirabilis scsc in a compact conformation
9	c3ghaA_	 Alignment		100.0	21	PDB header: oxidoreductase Chain: A: PDB Molecule: disulfide bond formation protein d; PDBTitle: crystal structure of etda-treated bdbd (reduced)
10	d1z6ma1	 Alignment		100.0	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbA-like
11	c3dvwA_	 Alignment		100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsba; PDBTitle: crystal structure of reduced dsba1 from neisseria2 meningitidis

12	c2remB_	Alignment		100.0	16	PDB header: oxidoreductase Chain: B: PDB Molecule: disulfide oxidoreductase; PDBTitle: crystal structure of oxidoreductase dsba from xylella fastidiosa
13	c3bcia_	Alignment		100.0	22	PDB header: oxidoreductase Chain: A: PDB Molecule: disulfide bond protein a; PDBTitle: crystal structure of staphylococcus aureus dsba
14	c3gmfA_	Alignment		100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: protein-disulfide isomerase; PDBTitle: crystal structure of protein-disulfide isomerase from novosphingobium2 aromaticivorans
15	c4gxzB_	Alignment		100.0	21	PDB header: isomerase Chain: B: PDB Molecule: suppression of copper sensitivity protein; PDBTitle: crystal structure of a periplasmic thioredoxin-like protein from2 salmonella enterica serovar typhimurium
16	c6eezC_	Alignment		99.9	21	PDB header: isomerase Chain: C: PDB Molecule: dsba-like disulfide oxidoreductase; PDBTitle: crystal structure of the thiol-disulfide exchange protein alpha-dsba22 from wolbachia pipentis
17	c3gykC_	Alignment		99.9	19	PDB header: oxidoreductase Chain: C: PDB Molecule: 27kda outer membrane protein; PDBTitle: the crystal structure of a thioredoxin-like oxidoreductase from2 silicibacter pomeroyi dss-3
18	c3h93A_	Alignment		99.9	20	PDB header: transcription regulator Chain: A: PDB Molecule: thiol:disulfide interchange protein dsba; PDBTitle: crystal structure of pseudomonas aeruginosa dsba
19	c4k2dA_	Alignment		99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: crystal structure of burkholderia pseudomallei dsba
20	c3gn3B_	Alignment		99.9	13	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative protein-disulfide isomerase; PDBTitle: crystal structure of a putative protein-disulfide isomerase from2 pseudomonas syringae to 2.5a resolution.
21	c4p3yB_	Alignment	not modelled	99.9	21	PDB header: translation/oxidoreductase Chain: B: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: crystal structure of acinetobacter baumannii dsba in complex with ef-2 tu
22	c4jrrC_	Alignment	not modelled	99.9	12	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol:disulfide interchange protein dsba; PDBTitle: crystal structure of disulfide bond oxidoreductase dsba1 from2 legionella pneumophila
23	c3hd5A_	Alignment	not modelled	99.9	19	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsba; PDBTitle: crystal structure of a thiol:disulfide interchange protein2 dsba from bordetella parapertussis
24	c4od7A_	Alignment	not modelled	99.9	13	PDB header: oxidoreductase/peptide Chain: A: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: complex structure of proteus mirabilis dsba (c30s) with a non-2 covalently bound peptide pwtcds
25	c3c7mB_	Alignment	not modelled	99.9	16	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol:disulfide interchange protein dsba-like; PDBTitle: crystal structure of reduced dsbl
26	d1beda_	Alignment	not modelled	99.9	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbA-like
27	c4n30A_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: protein disulfide isomerase; PDBTitle: crystal structure of pseudomonas aeruginosa dsba2
28	c6dxnC_	Alignment	not modelled	99.9	13	PDB header: oxidoreductase Chain: C: PDB Molecule: thiol:disulfide interchange protein; PDBTitle: 1.95 angstrom resolution crystal structure of dsba disulfide2 interchange protein from klebsiella pneumoniae. PDB header: oxidoreductase

29	c3l9vE_	Alignment	not modelled	99.9	17	Chain: E: PDB Molecule: putative thiol-disulfide isomerase or thioredoxin; PDBTitle: crystal structure of salmonella enterica serovar typhimurium srga
30	c2znmA_	Alignment	not modelled	99.9	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsba; PDBTitle: oxidoreductase nmdsba3 from neisseria meningitidis
31	c6ghbB_	Alignment	not modelled	99.9	22	PDB header: protein binding Chain: B: PDB Molecule: upf0413 protein gk0824; PDBTitle: crystal structure of spx in complex with yjhb (oxidized)
32	d1fvka_	Alignment	not modelled	99.9	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbA-like
33	c3feuA_	Alignment	not modelled	99.9	14	PDB header: oxidoreductase Chain: A: PDB Molecule: putative lipoprotein; PDBTitle: crystal structure of dsba-like thioredoxin domain vf_a0457 from vibrio2 fischeri
34	d1v58a1	Alignment	not modelled	99.9	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbC/DsbG C-terminal domain-like
35	c5cohA_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: A: PDB Molecule: frne protein; PDBTitle: crystal structure of a novel disulfide oxidoreductase from deinococcus2 radiodurans crystallized in presence of beta-mercaptoethanol
36	c1v57A_	Alignment	not modelled	99.9	21	PDB header: isomerase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbg; PDBTitle: crystal structure of the disulfide bond isomerase dsbg
37	c4nxiB_	Alignment	not modelled	99.9	17	PDB header: oxidoreductase Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: rv2466c mediates the activation of tp053 to kill replicating and non-2 replicating mycobacterium tuberculosis
38	c3fz5C_	Alignment	not modelled	99.8	18	PDB header: isomerase Chain: C: PDB Molecule: possible 2-hydroxychromene-2-carboxylate isomerase; PDBTitle: crystal structure of possible 2-hydroxychromene-2-carboxylate2 isomerase from rhodobacter sphaeroides
39	d1t3ba1	Alignment	not modelled	99.8	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbC/DsbG C-terminal domain-like
40	c3kzqE_	Alignment	not modelled	99.8	13	PDB header: structural genomics, unknown function Chain: E: PDB Molecule: putative uncharacterized protein vp2116; PDBTitle: the crystal structure of the protein with unknown function from vibrio2 parahaemolyticus rimd 2210633
41	d1eeja1	Alignment	not modelled	99.8	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbC/DsbG C-terminal domain-like
42	c3ql5A_	Alignment	not modelled	99.8	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative dsba oxidoreductase sco1869; PDBTitle: crystal structure of probable dsba oxidoreductase sco1869 from2 streptomyces coelicolor
43	c1t3ba_	Alignment	not modelled	99.8	20	PDB header: isomerase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbc; PDBTitle: x-ray structure of dsbc from haemophilus influenzae
44	c1jzdA_	Alignment	not modelled	99.8	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbc; PDBTitle: dsbc-dsbdalpha complex
45	c2in3A_	Alignment	not modelled	99.8	16	PDB header: isomerase Chain: A: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of a putative protein disulfide isomerase from2 nitrosomonas europaea
46	c4npbA_	Alignment	not modelled	99.8	22	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide isomerase ii; PDBTitle: the crystal structure of thiol:disulfide interchange protein dsbc from2 yersinia pestis co92
47	c3gv1A_	Alignment	not modelled	99.8	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: disulfide interchange protein; PDBTitle: crystal structure of disulfide interchange protein from neisseria2 gonorrhoeae
48	c2imeA_	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: 2-hydroxychromene-2-carboxylate isomerase; PDBTitle: 2-hydroxychromene-2-carboxylate isomerase: a kappa class glutathione-2 s-transferase from pseudomonas putida
49	c4ml1D_	Alignment	not modelled	99.7	17	PDB header: isomerase Chain: D: PDB Molecule: dsbp; PDBTitle: disulfide isomerase (dsbp) from multidrug resistance inca/c2 transferable plasmid in oxidized state (p212121 space group)
50	d1r4wa_	Alignment	not modelled	99.7	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbA-like
51	c5hfiA_	Alignment	not modelled	99.7	15	PDB header: oxidoreductase Chain: A: PDB Molecule: uncharacterized protein, cytosolic disulfide reductase PDBTitle: cytosolic disulfide reductase dsbm from pseudomonas aeruginosa with2 gsh
52	c1yzxB_	Alignment	not modelled	99.6	18	PDB header: transferase Chain: B: PDB Molecule: glutathione s-transferase kappa 1; PDBTitle: crystal structure of human kappa class glutathione transferase
53	c5h29A_	Alignment	not modelled	99.1	11	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase/glutathione-related protein; PDBTitle: crystal structure of the ntd_n/c domain of alkylhydroperoxide2 reductase ahpf from enterococcus faecalis (v583)

54	d1un2a_	Alignment	not modelled	98.6	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: DsbA-like
55	d1j08a2	Alignment	not modelled	98.3	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
56	d1a8la2	Alignment	not modelled	97.8	26	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
57	d1zmaa1	Alignment	not modelled	97.6	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
58	d1hyua4	Alignment	not modelled	97.6	25	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
59	c2hlsB_	Alignment	not modelled	97.5	28	PDB header: oxidoreductase Chain: B: PDB Molecule: protein disulfide oxidoreductase; PDBTitle: the crystal structure of a protein disulfide oxidoreductase from2 aeropyrum pernix k1
60	d1nhoa_	Alignment	not modelled	97.5	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
61	c3dmIA_	Alignment	not modelled	97.5	33	PDB header: oxidoreductase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of the periplasmic thioredoxin soxs from paracoccus2 pantotrophus (reduced form)
62	c2hyxA_	Alignment	not modelled	97.4	13	PDB header: unknown function Chain: A: PDB Molecule: protein dipz; PDBTitle: structure of the c-terminal domain of dipz from mycobacterium2 tuberculosis
63	c2diyA_	Alignment	not modelled	97.4	32	PDB header: protein binding Chain: A: PDB Molecule: thioredoxin-like protein 2; PDBTitle: the solution structure of the thioredoxin domain of human2 thioredoxin-like protein 2
64	c5e37A_	Alignment	not modelled	97.4	20	PDB header: oxidoreductase Chain: A: PDB Molecule: ef-hand domain-containing thioredoxin; PDBTitle: redox protein from chlamydomonas reinhardtii
65	c1zypB_	Alignment	not modelled	97.4	15	PDB header: oxidoreductase Chain: B: PDB Molecule: alkyl hydroperoxide reductase subunit f; PDBTitle: synchrotron reduced form of the n-terminal domain of2 salmonella typhimurium ahpf
66	c5dbqA_	Alignment	not modelled	97.3	24	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of insect thioredoxin at 1.95 angstroms
67	c2ywiA_	Alignment	not modelled	97.3	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from2 geobacillus kaustophilus
68	c2pptA_	Alignment	not modelled	97.3	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-2; PDBTitle: crystal structure of thioredoxin-2
69	c3dxbE_	Alignment	not modelled	97.3	17	PDB header: splicing, transcription Chain: E: PDB Molecule: thioredoxin n-terminally fused to puf60(uhm); PDBTitle: structure of the uhm domain of puf60 fused to thioredoxin
70	d1fo5a_	Alignment	not modelled	97.2	27	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
71	c2lrcA_	Alignment	not modelled	97.2	23	PDB header: oxidoreductase Chain: A: PDB Molecule: probable thioredoxin; PDBTitle: structure of thioredoxin 2 from pseudomonas aeruginosa pao1 in its2 reduced form
72	c3or5A_	Alignment	not modelled	97.2	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 tis
73	c6g61A_	Alignment	not modelled	97.2	20	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin o1, mitochondrial; PDBTitle: crystal structure of thioredoxin o1 from arabidopsis thaliana in2 oxidized state
74	c2aytB_	Alignment	not modelled	97.2	18	PDB header: oxidoreductase Chain: B: PDB Molecule: glutaredoxin-like protein; PDBTitle: the crystal structure of a protein disulfide oxidoreductase from2 aquifex aeolicus
75	c1v98A_	Alignment	not modelled	97.2	20	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure analysis of thioredoxin from thermus thermophilus
76	c1x5dA_	Alignment	not modelled	97.2	17	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a6; PDBTitle: the solution structure of the second thioredoxin-like2 domain of human protein disulfide-isomerase a6
77	c4kndA_	Alignment	not modelled	97.2	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: thioredoxin from anaeromyxobacter dehalogenans.
78	c3s9fA_	Alignment	not modelled	97.1	24	PDB header: electron transport Chain: A: PDB Molecule: tryparedoxin; PDBTitle: the structure of tryparedoxin i from leishmania major
79	c6ckpA_	Alignment	not modelled	97.1	22	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of a thioredoxin domain 2 from brucella melitensis2 at 1.15 angstrom resolution
						Fold: Thioredoxin fold

80	d1i5ga_	Alignment	not modelled	97.1	20	Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
81	c1t00A_	Alignment	not modelled	97.1	24	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: the structure of thioredoxin from <i>s. coelicolor</i>
82	c2i57A_	Alignment	not modelled	97.1	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of an uncharacterized thioredoxin-like protein from <i>2 clostridium perfringens</i>
83	c3emxB_	Alignment	not modelled	97.1	24	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from <i>aeropyrum pernix</i>
84	d1f9ma_	Alignment	not modelled	97.1	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
85	c3d22A_	Alignment	not modelled	97.1	25	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin h-type; PDBTitle: crystal structure of a poplar thioredoxin h mutant, pttrexh4c61s
86	c6bkbV_	Alignment	not modelled	97.1	19	PDB header: electron transport Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from <i>helicobacter pylori</i> (strain g27)
87	d1gh2a_	Alignment	not modelled	97.1	30	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
88	c3ul3A_	Alignment	not modelled	97.1	27	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: structural insights into thioredoxin-2: a component of malaria2 parasite protein secretion machinery
89	c2mcsA_	Alignment	not modelled	97.1	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution nmr structure of a putative thioredoxin (ech_0218) in the2 reduced state from <i>ehrlichia chaffeensis</i> , the etiological agent3 responsible for human monocytic ehrlichiosis. seattle structural4 genomics center for infectious disease target ehcha.00546.a
90	c3hz4A_	Alignment	not modelled	97.1	27	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from <i>methanosarcina mazei</i>
91	c2i4aA_	Alignment	not modelled	97.1	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from the acidophile <i>acetobacter aceti</i>
92	c2lqoA_	Alignment	not modelled	97.1	26	PDB header: oxidoreductase Chain: A: PDB Molecule: putative glutaredoxin rv3198.1/mt3292; PDBTitle: mrx1 reduced
93	d2b5xa1	Alignment	not modelled	97.1	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
94	c3p2aB_	Alignment	not modelled	97.1	19	PDB header: oxidoreductase Chain: B: PDB Molecule: putative thioredoxin-like protein; PDBTitle: crystal structure of thioredoxin 2 from <i>yersinia pestis</i>
95	c1xbsA_	Alignment	not modelled	97.1	24	PDB header: transcription, cell cycle Chain: A: PDB Molecule: dim1-like protein; PDBTitle: crystal structure of human dim2: a dim1-like protein
96	d1dbya_	Alignment	not modelled	97.0	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
97	c2i5iA_	Alignment	not modelled	97.0	23	PDB header: transport protein Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution structure of thioredoxin from <i>bacteroides vulgatus</i>
98	c6mzaA_	Alignment	not modelled	97.0	18	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution nmr structure of a putative thioredoxin (trxa) in the reduced2 state from <i>rickettsia prowazekii</i> , the etiological agent responsible3 for typhus. seattle structural genomics center for infectious disease4 target ripra.00029.a
99	c3p2aA_	Alignment	not modelled	97.0	19	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin-like protein; PDBTitle: crystal structure of thioredoxin 2 from <i>yersinia pestis</i>
100	d1ep7a_	Alignment	not modelled	97.0	28	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
101	c6dnuB_	Alignment	not modelled	97.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: thiol:disulfide interchange protein dsbd; PDBTitle: crystal structure of <i>neisseria meningitidis</i> dsbd c-terminal domain in2 the oxidised form
102	c3hypB_	Alignment	not modelled	97.0	21	PDB header: electron transport Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of <i>bacteroides fragilis</i> trxp_s105g mutant
103	d1thxa_	Alignment	not modelled	97.0	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
104	d2fwha1	Alignment	not modelled	97.0	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
105	c4yodA_	Alignment	not modelled	96.9	15	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-like protein; PDBTitle: crystal structure of a thioredoxin-like protein (baccac_02376) from <i>2 bacteroides caccae</i> atcc 43185 at 1.90 a

					resolution
106	d2fy6a1	Alignment	not modelled	96.9	14 Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
107	d1j08a1	Alignment	not modelled	96.9	17 Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
108	c3fkfC_	Alignment	not modelled	96.9	15 PDB header: oxidoreductase Chain: C: PDB Molecule: thiol-disulfide oxidoreductase; PDBTitle: thiol-disulfide oxidoreductase from bacteroides fragilis nctc 9343
109	c4cw9A_	Alignment	not modelled	96.9	27 PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: entamoeba histolytica thioredoxin c34s mutant
110	d1xwaa_	Alignment	not modelled	96.9	30 Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
111	c2qsiB_	Alignment	not modelled	96.9	38 PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative hydrogenase expression/formation protein hupg; PDBTitle: crystal structure of putative hydrogenase expression/formation protein2 hupg from rhodospseudomonas palustris cga009
112	c1w89E_	Alignment	not modelled	96.9	33 PDB header: electron transport Chain: E: PDB Molecule: thioredoxin; PDBTitle: structure of the reduced form of human thioredoxin 2
113	c2e0qA_	Alignment	not modelled	96.9	28 PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of k53e thioredoxin from sulfolobus2 tokodaii strain7
114	d1syra_	Alignment	not modelled	96.8	26 Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
115	c2yoiA_	Alignment	not modelled	96.8	30 PDB header: oxidoreductase Chain: A: PDB Molecule: leca thioredoxin; PDBTitle: crystal structure of ancestral thioredoxin relative to last eukaryotes2 common ancestor (leca) from the precambrian period
116	c2l6dA_	Alignment	not modelled	96.8	27 PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution structure of desulfothioredoxin from desulfovibrio vulgaris2 hildenborough in its reduced form
117	c6iblB_	Alignment	not modelled	96.8	15 PDB header: immune system Chain: B: PDB Molecule: thioredoxin 1,beta-1 adrenergic receptor; PDBTitle: activated turkey beta1 adrenoceptor with bound agonist formoterol and2 nanobody nb80
118	c3ic4A_	Alignment	not modelled	96.8	17 PDB header: oxidoreductase Chain: A: PDB Molecule: glutaredoxin (grx-1); PDBTitle: the crystal structure of the glutaredoxin(grx-1) from archaeoglobus2 fulgidus
119	c6esxC_	Alignment	not modelled	96.8	19 PDB header: cell cycle Chain: C: PDB Molecule: thioredoxin 1; PDBTitle: caulobacter crescentus trx1
120	c3wgdD_	Alignment	not modelled	96.8	21 PDB header: isomerase Chain: D: PDB Molecule: thioredoxin domain-containing protein 5; PDBTitle: crystal structure of erp46 trx1