



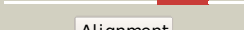

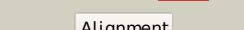







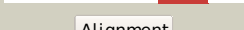

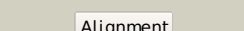

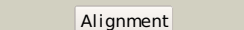





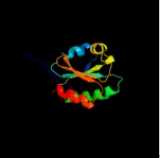
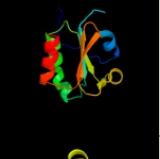



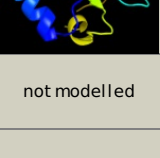
Phyre2


Email	l.a.kelley@imperial.ac.uk
Description	Q8N427
Date	Wed Jun 6 09:55:08 BST 2012
Unique Job ID	7fd6079845d00443

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ztqC_	 Alignment		100.0	33	PDB header: transferase Chain: C: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: hexagonal crystal form p61 of the aquifex aeolicus nucleoside2 diphosphate kinase
2	d1xqia1	 Alignment		100.0	33	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
3	d1ucna_	 Alignment		100.0	25	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
4	c3mpdA_	 Alignment		100.0	28	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside diphosphate kinase from2 encephalitozoon cuniculi, cubic form, apo
5	d1u8wa_	 Alignment		100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
6	d1hlwa_	 Alignment		100.0	25	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
7	d3bbba1	 Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
8	d1ehwa_	 Alignment		100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
9	d1xiqa_	 Alignment		100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
10	d1be4a_	 Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
11	d1w7wa_	 Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK

12	d1s57a_	Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
13	c2hurF_	Alignment		100.0	33	PDB header: signaling protein,transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: escherichia coli nucleoside diphosphate kinase
14	c3ngtj_	Alignment		100.0	26	PDB header: transferase Chain: J: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure of leishmania ndkb complexed with amp.
15	c3js9A_	Alignment		100.0	31	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase family protein; PDBTitle: crystal structure of nucleoside diphosphate kinase family protein from2 babesia bovis
16	c1w7wF_	Alignment		100.0	27	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure and mutational analysis of a plant mitochondrial2 nucleoside diphosphate kinase: identification of residues3 involved in serine phosphorylation and oligomerization.
17	d1wkja1	Alignment		100.0	31	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
18	d1nb2a_	Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
19	d1k44a_	Alignment		100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
20	d1pkua1	Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
21	d2az3a1	Alignment	not modelled	100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
22	c3q89H_	Alignment	not modelled	100.0	31	PDB header: transferase Chain: H: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of staphylococcus aureus nucleoside diphosphate2 kinase complexed with cdp
23	c2vu5A_	Alignment	not modelled	100.0	30	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of pndk from bacillus anthracis
24	d1zs6a1	Alignment	not modelled	100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
25	d1nhkl_	Alignment	not modelled	100.0	32	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
26	c4di6F_	Alignment		100.0	22	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside-diphosphate kinase from borrelia2 burgdorferi
27	c4dutA_	Alignment	not modelled	100.0	33	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: the structure of nucleoside diphosphate kinase (ndk) from burkholderia2 thailandensis
						Fold: Ferredoxin-like

28	d2dyaa1	Alignment	not modelled	100.0	29	Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
29	d1nsqa	Alignment	not modelled	100.0	26	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
30	d2b8qa1	Alignment	not modelled	100.0	23	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
31	c2az1B	Alignment	not modelled	100.0	26	PDB header: transferase Chain: B: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure of a halophilic nucleoside diphosphate kinase2 from halobacterium salinarum
32	c3b6bF	Alignment	not modelled	100.0	24	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of acanthamoeba polyphaga mimivirus2 nucleoside diphosphate kinase complexed with dgdp
33	c3b54A	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: saccharomyces cerevisiae nucleoside diphosphate kinase
34	c3r9lA	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside diphosphate kinase from giardia2 lamblia featuring a disordered dinucleotide binding site
35	c2diyA	Alignment		99.8	24	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
36	d1xfla	Alignment		99.8	29	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
37	c3d22A	Alignment		99.8	24	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin h-type; PDBTitle: crystal structure of a poplar thioredoxin h mutant,2 ptxrh4c61s
38	d1r26a	Alignment		99.8	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
39	d1gh2a	Alignment		99.8	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
40	d2ifqa1	Alignment		99.8	26	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
41	d1ep7a	Alignment	not modelled	99.8	25	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
42	c2oe0B	Alignment	not modelled	99.8	27	PDB header: electron transport Chain: B: PDB Molecule: thioredoxin-3; PDBTitle: crystal structure of mitochondrial thioredoxin 3 from2 saccharomyces cerevisiae
43	c3p2aB	Alignment	not modelled	99.8	23	PDB header: oxidoreductase Chain: B: PDB Molecule: putative thioredoxin-like protein; PDBTitle: crystal structure of thioredoxin 2 from yersinia pestis
44	d1syra	Alignment	not modelled	99.8	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
45	c2j23A	Alignment	not modelled	99.7	24	PDB header: immune protein Chain: A: PDB Molecule: thioredoxin; PDBTitle: cross-reactivity and crystal structure of malassezia2 sympodialis thioredoxin (mala s 13), a member of a new pan-3 allergen family
46	d1ti3a	Alignment	not modelled	99.7	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
47	c2xbqB	Alignment	not modelled	99.7	25	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of reduced schistosoma mansoni2 thioredoxin pre-protein at 1.7 angstrom
48	c2uz9A	Alignment	not modelled	99.7	27	PDB header: protein binding Chain: A: PDB Molecule: glutaredoxin-3;

48	c2wz9A_	Alignment	not modelled	99.7	47	PDBTitle: crystal structure of the thioredoxin domain of human txn12
49	d1xwaa_	Alignment	not modelled	99.7	25	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
50	c2pptA_	Alignment	not modelled	99.7	20	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin-2; PDBTitle: crystal structure of thioredoxin-2
51	c2vlvA_	Alignment	not modelled	99.7	31	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin h isoform 2. ; PDBTitle: crystal structure of barley thioredoxin h isoform 2 in2 partially radiation-reduced state
52	c3p2aA_	Alignment	not modelled	99.7	23	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin-like protein; PDBTitle: crystal structure of thioredoxin 2 from yersinia pestis
53	d1f9ma_	Alignment	not modelled	99.7	23	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
54	c2vm2C_	Alignment	not modelled	99.7	21	PDB header: oxidoreductase Chain: C: PDB Molecule: thioredoxin h isoform 1. ; PDBTitle: crystal structure of barley thioredoxin h isoform 12 crystallized using peg as precipitant
55	c2vimA_	Alignment	not modelled	99.7	25	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: x-ray structure of fasciola hepatica thioredoxin
56	c3d6iB_	Alignment	not modelled	99.7	19	PDB header: oxidoreductase Chain: B: PDB Molecule: monothiol glutaredoxin-3; PDBTitle: structure of the thioredoxin-like domain of yeast2 glutaredoxin 3
57	c2i9hA_	Alignment	not modelled	99.7	27	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin i; PDBTitle: nmr solution structure of the reduced form of thioredoxin 12 from yeast (trx1)
58	c3tcoA_	Alignment	not modelled	99.7	22	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin (trxa-1); PDBTitle: crystallographic and spectroscopic characterization of sulfobobus2 solfataricus trxa1 provide insights into the determinants of3 thioredoxin fold stability
59	c3cxgA_	Alignment	not modelled	99.7	21	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin; PDBTitle: crystal structure of plasmodium falciparum thioredoxin, pfi0790w
60	c1w89E_	Alignment	not modelled	99.7	20	PDB header: electron transport Chain: E: PDB Molecule: thioredoxin; PDBTitle: structure of the reduced form of human thioredoxin 2
61	c3hz4A_	Alignment	not modelled	99.7	15	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from methanosarcina mazei
62	c1xbsA_	Alignment	not modelled	99.7	12	PDB header: transcription, cell cycle Chain: A: PDB Molecule: dim1-like protein; PDBTitle: crystal structure of human dim2: a dim1-like protein
63	c3dxbE_	Alignment		99.7	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
64	c3qdnA_	Alignment	not modelled	99.7	15	PDB header: oxidoreductase Chain: A: PDB Molecule: putative thioredoxin protein; PDBTitle: putative thioredoxin protein from salmonella typhimurium
65	d1qgva_	Alignment	not modelled	99.7	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: spliceosomal protein U5-15Kd
66	d1thxa_	Alignment	not modelled	99.6	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
67	d2trxa_	Alignment	not modelled	99.6	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
68	c2f51B_	Alignment	not modelled	99.6	17	PDB header: electron transport Chain: B: PDB Molecule: thioredoxin; PDBTitle: structure of trichomonas vaginalis thioredoxin
69	c216dA_	Alignment	not modelled	99.6	11	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution structure of desulfothioredoxin from desulfovibrio vulgaris2 hildenborough in its reduced form
70	d1m7ta_	Alignment	not modelled	99.6	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
71	c2151A_	Alignment	not modelled	99.6	20	PDB header: transport protein Chain: A: PDB Molecule: thioredoxin; PDBTitle: solution structure of thioredoxin from bacteroides vulgatus
72	c2i4aA_	Alignment	not modelled	99.6	24	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from the acidophile2 acetobacter aceti
73	c2yzuA_	Alignment	not modelled	99.6	23	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of oxidized thioredoxin from thermus thermophilus2 hb8

74	c2dj0A	Alignment	not modelled	99.6	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: thioredoxin-related transmembrane protein 2; PDBTitle: the solution structure of the thioredoxin domain of human2 thioredoxin-related transmembrane protein 2
75	c2e0qA	Alignment	not modelled	99.6	19	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure of k53e thioredoxin from sulfolobus2 tokodaii strain7
76	c2i1uA	Alignment	not modelled	99.6	19	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: mycobacterium tuberculosis thioredoxin c
77	c3hypB	Alignment	not modelled	99.6	17	PDB header: electron transport Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of bacteroides fragilis trxp_s105g mutant
78	c3gniD	Alignment	not modelled	99.6	17	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: thioredoxin domain protein; PDBTitle: the crystal structure of a thioredoxin-related protein from2 desulfitobacterium hafniense dcb
79	c1t00A	Alignment	not modelled	99.6	22	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: the structure of thioredoxin from s. coelicolor
80	c3ul3A	Alignment	not modelled	99.6	14	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: structural insights into thioredoxin-2: a component of malaria2 parasite protein secretion machinery
81	d1dbya	Alignment	not modelled	99.6	21	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
82	c2dj1A	Alignment	not modelled	99.6	18	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a4; PDBTitle: the solution structure of the first thioredoxin domain of2 mouse protein disulfide-isomerase a4
83	d1nw2a	Alignment	not modelled	99.6	18	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
84	c3emxB	Alignment	not modelled	99.6	16	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin; PDBTitle: crystal structure of thioredoxin from aeropyrum pernix
85	c2dbcA	Alignment	not modelled	99.6	15	PDB header: signaling protein Chain: A: PDB Molecule: unnamed protein product; PDBTitle: solution structure of the thioredoxin-like domain of2 phosducin-like protein 2(pdcl2)
86	d1fb6a	Alignment	not modelled	99.6	22	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
87	c2dizA	Alignment	not modelled	99.6	18	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin domain-containing protein 5; PDBTitle: the solution structure of the third thioredoxin domain of2 human thioredoxin domain-containing protein 5
88	c2vocA	Alignment	not modelled	99.6	18	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: thioredoxin a active site mutants form mixed disulfide2 dimers that resemble enzyme-substrate reaction3 intermediate
89	c1v98A	Alignment	not modelled	99.6	21	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin; PDBTitle: crystal structure analysis of thioredoxin from thermus thermophilus
90	c2o7kA	Alignment	not modelled	99.6	18	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin; PDBTitle: s. aureus thioredoxin
91	c2yj7A	Alignment	not modelled	99.6	19	PDB header: oxidoreductase Chain: A: PDB Molecule: lpbca thioredoxin; PDBTitle: crystal structure of a hyperstable protein from the precambrian2 period
92	c2albA	Alignment	not modelled	99.5	14	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a3; PDBTitle: nmr structure of the n-terminal domain a of the2 glycoprotein chaperone erp57
93	c2r2jA	Alignment	not modelled	99.5	19	PDB header: chaperone Chain: A: PDB Molecule: thioredoxin domain-containing protein 4; PDBTitle: crystal structure of human erp44
94	c1x5dA	Alignment	not modelled	99.5	15	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
95	c2dj2A	Alignment	not modelled	99.5	18	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a4; PDBTitle: the solution structure of the second thioredoxin domain of2 mouse protein disulfide-isomerase a4
96	d1j08a2	Alignment	not modelled	99.5	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
97	c1b9xC	Alignment	not modelled	99.5	17	PDB header: signaling protein Chain: C: PDB Molecule: protein (phosducin); PDBTitle: structural analysis of phosducin and its phosphorylation-2 regulated interaction with transducin
98	d1a8la2	Alignment	not modelled	99.5	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
99	c1a8yA	Alignment	not modelled	99.5	11	PDB header: calcium-binding protein Chain: A: PDB Molecule: calsequestrin; PDBTitle: crystal structure of calsequestrin from rabbit skeletal muscle2 sarcoplasmic reticulum at 2.4 a resolution
						PDB header: structural genomics, unknown function

100	c4euyA	Alignment	not modelled	99.5	13	Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of thioredoxin-like protein bce_0499 from bacillus2 cereus atcc 10987
101	c1x5eA	Alignment	not modelled	99.5	14	PDB header: electron transport Chain: A: PDB Molecule: thioredoxin domain containing protein 1; PDBTitle: the solution structure of the thioredoxin-like domain of2 human thioredoxin-related transmembrane protein
102	d2trcp	Alignment	not modelled	99.5	17	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Phosducin
103	c2vafA	Alignment	not modelled	99.5	13	PDB header: metal-binding protein Chain: A: PDB Molecule: calsequestrin-2; PDBTitle: crystal structure of human cardiac calsequestrin
104	c3ed3A	Alignment	not modelled	99.4	13	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase mpd1; PDBTitle: crystal structure of the yeast dithiol/disulfide2 oxidoreductase mpd1p
105	d1woua	Alignment	not modelled	99.4	13	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Txn15-like
106	c3apsA	Alignment	not modelled	99.4	21	PDB header: oxidoreductase Chain: A: PDB Molecule: dnaj homolog subfamily c member 10; PDBTitle: crystal structure of trx4 domain of erdj5
107	d1zmaa1	Alignment	not modelled	99.4	14	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
108	c3q6oA	Alignment	not modelled	99.4	14	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfhydryl oxidase 1; PDBTitle: oxidoreductase fragment of human qsox1
109	c2qsiB	Alignment	not modelled	99.4	13	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
110	d1v9wa	Alignment	not modelled	99.4	15	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Txn15-like
111	d2b5ea4	Alignment	not modelled	99.4	19	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: PDI-like
112	c3idvA	Alignment	not modelled	99.4	20	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a4; PDBTitle: crystal structure of the a0a fragment of erp72
113	d1oaza	Alignment	not modelled	99.4	20	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase
114	c2l57A	Alignment	not modelled	99.4	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: solution structure of an uncharacterized thioredoxin-like protein from2 clostridium perfringens
115	d1a0rp	Alignment	not modelled	99.4	16	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Phosducin
116	c2b5eA	Alignment	not modelled	99.4	20	PDB header: isomerase Chain: A: PDB Molecule: protein disulfide-isomerase; PDBTitle: crystal structure of yeast protein disulfide isomerase
117	d1a8ya1	Alignment	not modelled	99.4	12	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Calsequestrin
118	c3apoA	Alignment	not modelled	99.4	13	PDB header: oxidoreductase Chain: A: PDB Molecule: dnaj homolog subfamily c member 10; PDBTitle: crystal structure of full-length erdj5
119	c3f8uA	Alignment	not modelled	99.4	14	PDB header: immune system/isomerase Chain: A: PDB Molecule: protein disulfide-isomerase a3erp57; PDBTitle: tapasin/erp57 heterodimer
120	c2qc7A	Alignment	not modelled	99.4	9	PDB header: chaperone Chain: A: PDB Molecule: endoplasmic reticulum protein erp29; PDBTitle: crystal structure of the protein-disulfide isomerase related chaperone2 erp29