

Phyre²

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| Description | P0CF87 |
| Date | Thu Jan 5 11:31:44 GMT 2012 |
| Unique Job ID | 04805679eb239951 |

Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|----|----------|--------------------|----------|------------|--------|---|
| 1 | c3rdwB_ | Alignment | | 99.9 | 28 | PDB header: oxidoreductase Chain: B: PDB Molecule: putative arsenate reductase; PDBTitle: putative arsenate reductase from yersinia pestis |
| 2 | c3f0iA_ | Alignment | | 99.9 | 29 | PDB header: oxidoreductase Chain: A: PDB Molecule: arsenate reductase; PDBTitle: arsenate reductase from vibrio cholerae. |
| 3 | d1j9ba_ | Alignment | | 99.9 | 47 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: ArsC-like |
| 4 | c3fz4A_ | Alignment | | 99.9 | 16 | PDB header: oxidoreductase Chain: A: PDB Molecule: putative arsenate reductase; PDBTitle: the crystal structure of a possible arsenate reductase from streptococcus mutans ua159 |
| 5 | c3gkxB_ | Alignment | | 99.9 | 19 | PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative arsc family related protein; PDBTitle: crystal structure of putative arsc family related protein from2 bacteroides fragilis |
| 6 | d1z3ea1 | Alignment | | 99.9 | 20 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: ArsC-like |
| 7 | c3l78A_ | Alignment | | 99.9 | 21 | PDB header: transcription Chain: A: PDB Molecule: regulatory protein spx; PDBTitle: the crystal structure of smu.1142c from streptococcus mutans ua159 |
| 8 | c2kokA_ | Alignment | | 99.9 | 14 | PDB header: oxidoreductase Chain: A: PDB Molecule: arsenate reductase; PDBTitle: solution structure of an arsenate reductase (arsc) related protein2 from brucella melitensis. seattle structural genomics center for3 infectious disease target braba.00007.a. |
| 9 | d1rw1a_ | Alignment | | 99.9 | 10 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: ArsC-like |
| 10 | d1h75a_ | Alignment | | 98.3 | 28 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 11 | c2khpa_ | Alignment | | 98.1 | 22 | PDB header: electron transport Chain: A: PDB Molecule: glutaredoxin; PDBTitle: solution structure of glutaredoxin from brucella melitensis |

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|----|--------------------------|--|--------------|------|----|---|
| 12 | d1r7ha_ | | | 98.0 | 22 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 13 | d1fova_ | | | 98.0 | 22 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 14 | c1nm3B_ | | | 98.0 | 19 | PDB header: electron transport Chain: B; PDB Molecule: protein hi0572; PDBTitle: crystal structure of heamophilus influenza hybrid-prx5 |
| 15 | c2klxA_ | | | 97.9 | 18 | PDB header: oxidoreductase Chain: A; PDB Molecule: glutaredoxin; PDBTitle: solution structure of glutaredoxin from bartonella henselae str.2 houston |
| 16 | d1nm3a1 | | | 97.9 | 22 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 17 | c3fzaA_ | | | 97.8 | 9 | PDB header: oxidoreductase Chain: A; PDB Molecule: glutaredoxin; PDBTitle: crystal structure of poplar glutaredoxin s12 in complex with2 glutathione and beta-mercaptoethanol |
| 18 | c3ic4A_ | | | 97.8 | 18 | PDB header: oxidoreductase Chain: A; PDB Molecule: glutaredoxin (grx-1); PDBTitle: the crystal structure of the glutaredoxin(grx-1) from archaeoglobus2 fulgidus |
| 19 | c3lgcA_ | | | 97.8 | 9 | PDB header: unknown function Chain: A; PDB Molecule: glutaredoxin 1; PDBTitle: crystal structure of glutaredoxin 1 from francisella2 tularensis |
| 20 | c3qmxA_ | | | 97.7 | 16 | PDB header: electron transport Chain: A; PDB Molecule: glutaredoxin a; PDBTitle: x-ray crystal structure of synechocystis sp. pcc 6803 glutaredoxin a |
| 21 | d1t1va_ | | not modelled | 97.7 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: SH3BGR (SH3-binding, glutamic acid-rich protein-like) |
| 22 | c3nznA_ | | not modelled | 97.6 | 12 | PDB header: oxidoreductase Chain: A; PDB Molecule: glutaredoxin; PDBTitle: the crystal structure of the glutaredoxin from methanoscincus mazei2 go1 |
| 23 | d1abaa_ | | not modelled | 97.6 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 24 | c2e7pC_ | | not modelled | 97.5 | 14 | PDB header: electron transport Chain: C; PDB Molecule: glutaredoxin; PDBTitle: crystal structure of the holo form of glutaredoxin c1 from populus2 tremula x tremuloides |
| 25 | c3h8qB_ | | not modelled | 97.4 | 19 | PDB header: oxidoreductase Chain: B; PDB Molecule: thioredoxin reductase 3; PDBTitle: crystal structure of glutaredoxin domain of human thioredoxin2 reductase 3 |
| 26 | c2ht9A_ | | not modelled | 97.3 | 6 | PDB header: oxidoreductase Chain: A; PDB Molecule: glutaredoxin-2; PDBTitle: the structure of dimeric human glutaredoxin 2 |
| 27 | d1legoa_ | | not modelled | 97.1 | 13 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 28 | d1ktea_ | | not modelled | 97.0 | 13 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| | | | | | | Fold: Thioredoxin fold |

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|----|--------------------------|-----------|--------------|------|----|---|
| 29 | d1wika_ | Alignment | not modelled | 96.9 | 26 | Superfamily: Thioredoxin-like Family: Thioltransferase |
| 30 | d1z9ha2 | Alignment | not modelled | 96.9 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 31 | d1jhba_ | Alignment | not modelled | 96.8 | 11 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 32 | c2hzfA_ | Alignment | not modelled | 96.7 | 20 | PDB header: electron transport, oxidoreductase Chain: A: PDB Molecule: glutaredoxin-1; PDBTitle: crystal structures of a poxviral glutaredoxin in the oxidized and reduced states show redox-correlated structural changes |
| 33 | d1k0da2 | Alignment | not modelled | 96.7 | 12 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 34 | c1ykaA_ | Alignment | not modelled | 96.6 | 31 | PDB header: electron transport Chain: A: PDB Molecule: monothiol glutaredoxin ydh; PDBTitle: solution structure of grx4, a monothiol glutaredoxin from e. coli. |
| 35 | d1leema2 | Alignment | not modelled | 96.5 | 20 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 36 | c1k0dB_ | Alignment | not modelled | 96.4 | 12 | PDB header: gene regulation Chain: B: PDB Molecule: ure2 protein; PDBTitle: ure2p in complex with glutathione |
| 37 | d1oyja2 | Alignment | not modelled | 96.4 | 7 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 38 | d1k0dd2 | Alignment | not modelled | 96.4 | 12 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 39 | d1ljra2 | Alignment | not modelled | 96.4 | 15 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 40 | c2ct6A_ | Alignment | not modelled | 96.3 | 18 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: sh3 domain-binding glutamic acid-rich-like PDBTitle: solution structure of the sh3 domain-binding glutamic acid-2 rich-like protein 2 |
| 41 | c3l4nA_ | Alignment | not modelled | 96.3 | 25 | PDB header: oxidoreductase Chain: A: PDB Molecule: monothiol glutaredoxin-6; PDBTitle: crystal structure of yeast monothiol glutaredoxin grx6 |
| 42 | c1oyjC_ | Alignment | not modelled | 96.2 | 7 | PDB header: transferase Chain: C: PDB Molecule: glutathione s-transferase; PDBTitle: crystal structure solution of rice gst1 (osgst1) in complex with2 glutathione. |
| 43 | c1ljrB_ | Alignment | not modelled | 96.2 | 15 | PDB header: transferase Chain: B: PDB Molecule: glutathione s-transferase; PDBTitle: glutathione transferase (hgst t2-2) from human |
| 44 | d1gwca2 | Alignment | not modelled | 96.1 | 7 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 45 | c1yy7A_ | Alignment | not modelled | 96.1 | 18 | PDB header: transcription Chain: A: PDB Molecule: stringent starvation protein a; PDBTitle: crystal structure of stringent starvation protein a (sspa),2 an rna polymerase-associated transcription factor |
| 46 | c2jl4A_ | Alignment | not modelled | 96.0 | 19 | PDB header: isomerase Chain: A: PDB Molecule: maleylpyruvate isomerase; PDBTitle: holo structure of maleyl pyruvate isomerase, a bacterial2 glutathione-s-transferase in zeta class |
| 47 | c2jacA_ | Alignment | not modelled | 96.0 | 13 | PDB header: electron transport Chain: A: PDB Molecule: glutaredoxin-1; PDBTitle: glutaredoxin grx1p c30s mutant from yeast |
| 48 | c3m3mA_ | Alignment | not modelled | 96.0 | 13 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: crystal structure of glutathione s-transferase from pseudomonas fluorescens [pf-5] |
| 49 | c2vo4A_ | Alignment | not modelled | 96.0 | 9 | PDB header: transferase Chain: A: PDB Molecule: 2,4-d inducible glutathione s-transferase; PDBTitle: glutathione transferase from glycine max |
| 50 | c1gwcC_ | Alignment | not modelled | 95.9 | 7 | PDB header: transferase Chain: C: PDB Molecule: glutathione s-transferase ts1-1; PDBTitle: the structure of a tau class glutathione s-transferase from wheat, active in herbicide detoxification |
| 51 | c3d5jB_ | Alignment | not modelled | 95.9 | 17 | PDB header: oxidoreductase Chain: B: PDB Molecule: glutaredoxin-2, mitochondrial; PDBTitle: structure of yeast grx2-c30s mutant with glutathionyl mixed2 disulfide |
| 52 | c3qagA_ | Alignment | not modelled | 95.8 | 26 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase omega-2; PDBTitle: human glutathione transferase o2 with glutathione -new crystal form |
| 53 | c1z9hb_ | Alignment | not modelled | 95.8 | 13 | PDB header: isomerase Chain: B: PDB Molecule: membrane-associated prostaglandin e synthase-2; PDBTitle: microsomal prostaglandin e synthase type-2 |
| 54 | c2imiA_ | Alignment | not modelled | 95.8 | 18 | PDB header: transferase Chain: A: PDB Molecule: epsilon-class glutathione s-transferase; PDBTitle: structures of an insect epsilon-class glutathione s-2 transferase from the malaria vector anopheles gambiae:3 evidence for high ddt-detoxifying activity |
| | | | | | | PDB header: electron transport, oxidoreductase |

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|----|-------------------------|-----------|--------------|------|----|---|
| 55 | c3ipzA | Alignment | not modelled | 95.7 | 23 | Chain: A: PDB Molecule: monothiol glutaredoxin-s14, chloroplastic; PDBTitle: crystal structure of arabidopsis monothiol glutaredoxin atgrxcp |
| 56 | cleemA | Alignment | not modelled | 95.7 | 27 | PDB header: transferase Chain: A: PDB Molecule: glutathione-s-transferase; PDBTitle: glutathione transferase from homo sapiens |
| 57 | d1e6ba2 | Alignment | not modelled | 95.7 | 15 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 58 | c3ay8A | Alignment | not modelled | 95.7 | 30 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: glutathione s-transferase unclassified 2 from bombyx mori |
| 59 | c3cbuB | Alignment | not modelled | 95.7 | 6 | PDB header: transferase Chain: B: PDB Molecule: probable gst-related protein; PDBTitle: crystal structure of a putative glutathione s-transferase (reut_a1011)2 from ralstonia eutropha jmp134 at 2.05 a resolution |
| 60 | d1gnwa2 | Alignment | not modelled | 95.7 | 23 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 61 | d1g7oa2 | Alignment | not modelled | 95.6 | 8 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 62 | c3c1sA | Alignment | not modelled | 95.6 | 13 | PDB header: oxidoreductase Chain: A: PDB Molecule: glutaredoxin-1; PDBTitle: crystal structure of grx1 in glutathionylated form |
| 63 | cloktA | Alignment | not modelled | 95.5 | 22 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: x-ray structure of glutathione s-transferase from the2 malarial parasite plasmodium falciparum PDB header: transferase |
| 64 | c3lg6B | Alignment | not modelled | 95.5 | 18 | Chain: B: PDB Molecule: putative glutathione transferase; PDBTitle: crystal structure of putative glutathione transferase from2 coccidioides immitis |
| 65 | d1v2aa2 | Alignment | not modelled | 95.4 | 6 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 66 | c3lykA | Alignment | not modelled | 95.4 | 12 | PDB header: transport protein Chain: A: PDB Molecule: stringent starvation protein a homolog; PDBTitle: structure of stringent starvation protein a homolog from2 haemophilus influenzae |
| 67 | c1g7oA | Alignment | not modelled | 95.4 | 8 | PDB header: oxidoreductase Chain: A: PDB Molecule: glutaredoxin 2; PDBTitle: nmr solution structure of reduced e. coli glutaredoxin 2 |
| 68 | d1j1va2 | Alignment | not modelled | 95.3 | 16 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 69 | c3ic8D | Alignment | not modelled | 95.3 | 13 | PDB header: structural genomics, unknown function Chain: D: PDB Molecule: uncharacterized gst-like proteinprotein; PDBTitle: the crystal structure of a gst-like protein from pseudomonas syringae2 to 2.4a PDB header: transferase |
| 70 | c1e6bA | Alignment | not modelled | 95.3 | 13 | Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: crystal structure of a zeta class glutathione s-transferase2 from arabidopsis thaliana PDB header: transcription |
| 71 | c3lypA | Alignment | not modelled | 95.2 | 25 | Chain: A: PDB Molecule: stringent starvation protein a; PDBTitle: structure of stringent starvation protein a homolog from pseudomonas2 fluorescens |
| 72 | d1aw9a2 | Alignment | not modelled | 95.2 | 15 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 73 | c3nivD | Alignment | not modelled | 95.2 | 11 | PDB header: isomerase Chain: D: PDB Molecule: glutathione s-transferase; PDBTitle: the crystal structure of glutathione s-transferase from legionella2 pneumophila PDB header: oxidoreductase |
| 74 | c2wulB | Alignment | not modelled | 95.2 | 23 | Chain: B: PDB Molecule: glutaredoxin related protein 5; PDBTitle: crystal structure of the human glutaredoxin 5 with bound2 glutathione in an fes cluster PDB header: transferase |
| 75 | c1v2aD | Alignment | not modelled | 95.1 | 4 | Chain: D: PDB Molecule: glutathione transferase gst1-6; PDBTitle: glutathione s-transferase 1-6 from anopheles dirus species b |
| 76 | d1jlwa2 | Alignment | not modelled | 95.1 | 16 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 77 | d1pn9a2 | Alignment | not modelled | 95.1 | 16 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 78 | d1axda2 | Alignment | not modelled | 95.0 | 12 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 79 | d1tza | Alignment | not modelled | 95.0 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 80 | c2c3nB | Alignment | not modelled | 94.9 | 10 | PDB header: transferase Chain: B: PDB Molecule: glutathione s-transferase theta 1; PDBTitle: human glutathione-s-transferase t1-1, apo form |
| 81 | d1iloa | Alignment | not modelled | 94.8 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |

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| 82 | c3lxzD | Alignment | not modelled | 94.8 | 9 | PDB header: transferase Chain: D: PDB Molecule: glutathione s-transferase family protein; PDBTitle: structure of probable glutathione s-transferase(pp0183) from2 pseudomonas putida |
| 83 | c3bbbyA | Alignment | not modelled | 94.8 | 17 | PDB header: transferase Chain: A: PDB Molecule: uncharacterized gst-like protein yfcf; PDBTitle: crystal structure of glutathione s-transferase (np_416804.1) from2 escherichia coli k12 at 1.85 a resolution |
| 84 | c3touB | Alignment | not modelled | 94.7 | 10 | PDB header: transferase Chain: B: PDB Molecule: glutathione s-transferase protein; PDBTitle: crystal structure of glutathione transferase (target efi-501058) from2 ralstonia solanacearum gmi1000 with gsh bound |
| 85 | c3m8nA | Alignment | not modelled | 94.7 | 15 | PDB header: transferase Chain: A: PDB Molecule: possible glutathione s-transferase; PDBTitle: crystal structure of a possible glutathione s-tranferase from2 rhodopseudomonas palustris |
| 86 | c1zl9A | Alignment | not modelled | 94.7 | 9 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase 5; PDBTitle: crystal structure of a major nematode c.elegans specific gst (ce01613) |
| 87 | c3rbtD | Alignment | not modelled | 94.5 | 9 | PDB header: transferase Chain: D: PDB Molecule: glutathione transferase o1; PDBTitle: crystal structure of glutathione s-transferase omega 3 from the2 silkworm bombyx mori |
| 88 | c1jlwA | Alignment | not modelled | 94.5 | 16 | PDB header: transferase Chain: A: PDB Molecule: glutathione transferase gst1-4; PDBTitle: anopheles dirus species b glutathione s-transferases 1-4 |
| 89 | c1gnwA | Alignment | not modelled | 94.4 | 23 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: structure of glutathione s-transferase |
| 90 | c1jlvA | Alignment | not modelled | 94.4 | 16 | PDB header: transferase Chain: A: PDB Molecule: glutathione transferase gst1-3; PDBTitle: anopheles dirus species b glutathione s-transferases 1-3 |
| 91 | d1fw1a2 | Alignment | not modelled | 94.4 | 13 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 92 | d1r5aa2 | Alignment | not modelled | 94.3 | 22 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 93 | c3f6fA | Alignment | not modelled | 94.3 | 13 | PDB header: transferase Chain: A: PDB Molecule: cg18548-pa (ip02196p) (ip02193p); PDBTitle: crystal structure of glutathione transferase dmgstd10 from2 drosophila melanogaster |
| 94 | c2ws2B | Alignment | not modelled | 94.2 | 9 | PDB header: transferase Chain: B: PDB Molecule: glutathione s-transferase; PDBTitle: the 2 angstrom structure of a nu-class gst from haemonchus contortus |
| 95 | c3gx0A | Alignment | not modelled | 94.2 | 17 | PDB header: transferase Chain: A: PDB Molecule: gst-like protein yfcg; PDBTitle: crystal structure of gsh-dependent disulfide bond2 oxidoreductase |
| 96 | c2cz2A | Alignment | not modelled | 94.2 | 16 | PDB header: isomerase, transferase Chain: A: PDB Molecule: maleylactoacetate isomerase; PDBTitle: crystal structure of glutathione transferase zeta 1-12 (maleylactoacetate isomerase) from mus musculus (form-1 crystal) |
| 97 | c3gx8A | Alignment | not modelled | 94.1 | 25 | PDB header: electron transport Chain: A: PDB Molecule: monothiol glutaredoxin-5, mitochondrial; PDBTitle: structural and biochemical characterization of yeast2 monothiol glutaredoxin grx5 |
| 98 | d1pd212 | Alignment | not modelled | 94.1 | 9 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 99 | d1okta2 | Alignment | not modelled | 94.1 | 21 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 100 | c1byeA | Alignment | not modelled | 94.0 | 13 | PDB header: transferase Chain: A: PDB Molecule: protein (glutathione s-transferase); PDBTitle: glutathione s-transferase i from mais in complex with2 atrazine glutathione conjugate |
| 101 | c1aw9A | Alignment | not modelled | 93.8 | 15 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase iii; PDBTitle: structure of glutathione s-transferase iii in apo form |
| 102 | d1wika | Alignment | not modelled | 93.8 | 11 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Thioltransferase |
| 103 | c1r5aA | Alignment | not modelled | 93.7 | 22 | PDB header: transferase Chain: A: PDB Molecule: glutathione transferase; PDBTitle: glutathione s-transferase |
| 104 | c2x64A | Alignment | not modelled | 93.6 | 16 | PDB header: transferase Chain: A: PDB Molecule: glutathione-s-transferase; PDBTitle: glutathione-s-transferase from xylella fastidiosa |
| 105 | c1u6tA | Alignment | not modelled | 93.3 | 16 | PDB header: protein binding, signaling protein Chain: A: PDB Molecule: sh3 domain-binding glutamic acid-rich-like PDBTitle: crystal structure of the human sh3 binding glutamic-rich2 protein like |
| 106 | d1tw9a2 | Alignment | not modelled | 93.1 | 6 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 107 | c3ergA | Alignment | not modelled | 93.0 | 10 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase 2; PDBTitle: crystal structure of gtt2 from saccharomyces cerevisiae in complex2 with glutathione sulfonate |
| | | | | | | PDB header: electron transport |

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|-----|-------------------------|--|-----------|--------------|------|----|---|
| 108 | c2jadA_ | | Alignment | not modelled | 92.8 | 16 | Chain: A: PDB Molecule: yellow fluorescent protein glutaredoxin fusion PDBTitle: yellow fluorescent protein - glutaredoxin fusion protein |
| 109 | c2on5E_ | | Alignment | not modelled | 92.6 | 12 | PDB header: transferase Chain: E: PDB Molecule: na glutathione s-transferase 2; PDBTitle: structure of nagst-2 |
| 110 | c2on7A_ | | Alignment | not modelled | 92.5 | 9 | PDB header: transferase Chain: A: PDB Molecule: na glutathione s-transferase 1; PDBTitle: structure of nagst-1 |
| 111 | d1tu7a2 | | Alignment | not modelled | 92.5 | 10 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 112 | c1k0nB_ | | Alignment | not modelled | 92.3 | 12 | PDB header: metal transport Chain: B: PDB Molecule: chloride intracellular channel protein 1; PDBTitle: chloride intracellular channel 1 (clic1) complexed with glutathione |
| 113 | d1n2aa2 | | Alignment | not modelled | 92.2 | 17 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 114 | c3m0fA_ | | Alignment | not modelled | 92.1 | 10 | PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein gst_n; PDBTitle: crystal structure of glutathione s transferase in complex2 with glutathione from pseudomonas fluorescens |
| 115 | c3uarA_ | | Alignment | not modelled | 91.9 | 20 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: crystal structure of glutathione transferase (target eff-501774) from2 methylococcus capsulatus str. bath with gsh bound |
| 116 | d1k0ma2 | | Alignment | not modelled | 91.7 | 14 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |
| 117 | c2aheA_ | | Alignment | not modelled | 91.7 | 14 | PDB header: metal transport Chain: A: PDB Molecule: chloride intracellular channel protein 4; PDBTitle: crystal structure of a soluble form of clic4. intercellular2 chloride ion channel |
| 118 | clyq1A_ | | Alignment | not modelled | 91.6 | 9 | PDB header: transferase Chain: A: PDB Molecule: glutathione s-transferase; PDBTitle: structural genomics of caenorhabditis elegans: glutathione2 s-transferase |
| 119 | c2r4vA_ | | Alignment | not modelled | 91.0 | 14 | PDB header: transport protein Chain: A: PDB Molecule: chloride intracellular channel protein 2; PDBTitle: structure of human clic2, crystal form a |
| 120 | d1f2ea2 | | Alignment | not modelled | 90.5 | 13 | Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione S-transferase (GST), N-terminal domain |