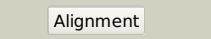
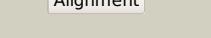
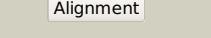
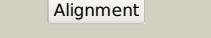
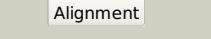
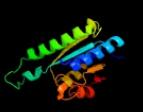
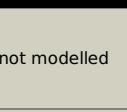


Phyre²

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|---------------|-------------------------------|
| Email | mdejesus@rockefeller.edu |
| Description | RVBD2624c_(-)_2950499_2951317 |
| Date | Wed Aug 7 12:50:26 BST 2019 |
| Unique Job ID | c9459937c8dc0308 |

Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|----|-------------------------|---|---|------------|--------|--|
| 1 | c3loqA_ |  |  | 100.0 | 19 | PDB header: structure genomics, unknown function Chain: A: PDB Molecule: universal stress protein; PDBTitle: the crystal structure of a universal stress protein from archaeoglobus2 fulgidus dsm 4304 |
| 2 | c2jaxA_ |  |  | 100.0 | 30 | PDB header: protein binding Chain: A: PDB Molecule: hypothetical protein tb31.7; PDBTitle: universal stress protein rv2623 from mycobacterium2 tuberculosis |
| 3 | c3mt0A_ |  |  | 100.0 | 15 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein pa1789; PDBTitle: the crystal structure of a functionally unknown protein pa1789 from2 pseudomonas aeruginosa pao1 |
| 4 | c3ab8B_ |  |  | 100.0 | 16 | PDB header: unknown function Chain: B: PDB Molecule: putative uncharacterized protein ttha0350; PDBTitle: crystal structure of the hypothetical tandem-type universal stress2 protein ttha0350 complexed with atps. |
| 5 | c4r2jA_ |  |  | 100.0 | 16 | PDB header: metal binding protein, unknown function Chain: A: PDB Molecule: universal stress protein e; PDBTitle: crystal structure of ydaa (universal stress protein e) from salmonella2 typhimurium |
| 6 | c3olqA_ |  |  | 100.0 | 11 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: universal stress protein e; PDBTitle: the crystal structure of a universal stress protein e from proteus2 mirabilis hi4320 |
| 7 | c3s3tD_ |  |  | 99.9 | 34 | PDB header: chaperone Chain: D: PDB Molecule: nucleotide-binding protein, universal stress protein uspa PDBTitle: universal stress protein uspa from lactobacillus plantarum |
| 8 | d2z3va1 |  |  | 99.8 | 24 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 9 | c3hgmD_ |  |  | 99.8 | 29 | PDB header: signaling protein Chain: D: PDB Molecule: universal stress protein tead; PDBTitle: universal stress protein tead from the trap transporter teaabc of2 halomonas elongata |
| 10 | c3fh0A_ |  |  | 99.8 | 31 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative universal stress protein kpn_01444; PDBTitle: crystal structure of putative universal stress protein kpn_01444 -2 atpase |
| 11 | c3dloC_ |  |  | 99.8 | 24 | PDB header: structural genomics, unknown function Chain: C: PDB Molecule: universal stress protein; PDBTitle: structure of universal stress protein from archaeoglobus fulgidus |

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|----|-------------------------|-----------|---|------|----|---|
| 12 | c4wnyA_ | Alignment |  | 99.8 | 23 | PDB header: signaling protein Chain: A: PDB Molecule: universal stress protein; PDBTitle: crystal structure of a protein from the universal stress protein2 family from burkholderia pseudomallei |
| 13 | d1mjha_ | Alignment |  | 99.8 | 29 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 14 | c5ahwC_ | Alignment |  | 99.8 | 23 | PDB header: signaling protein Chain: C: PDB Molecule: universal stress protein; PDBTitle: crystal structure of universal stress protein msmeg_3811 in2 complex with camp |
| 15 | d1tq8a_ | Alignment |  | 99.8 | 32 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 16 | c4r2IB_ | Alignment |  | 99.8 | 29 | PDB header: unknown function Chain: B: PDB Molecule: universal stress protein f; PDBTitle: crystal structure of yaf (universal stress protein f) from salmonella2 typhimurium |
| 17 | c2pfsA_ | Alignment |  | 99.7 | 19 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: universal stress protein; PDBTitle: crystal structure of universal stress protein from nitrosomonas2 europaea |
| 18 | d2gm3a1 | Alignment |  | 99.7 | 20 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 19 | d1jmva_ | Alignment |  | 99.7 | 24 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 20 | c3idfa_ | Alignment |  | 99.7 | 17 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: usp-like protein; PDBTitle: the crystal structure of a usp-like protein from wolinella2 succinogenes to 2.0a |
| 21 | c3fg9B_ | Alignment | not modelled | 99.6 | 15 | PDB header: structural genomics, unknown function Chain: B: PDB Molecule: protein of universal stress protein uspa family; PDBTitle: the crystal structure of an universal stress protein uspa2 family protein from lactobacillus plantarum wcfs1 |
| 22 | d1g77a_ | Alignment | not modelled | 99.6 | 17 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: Universal stress protein-like |
| 23 | c2dumD_ | Alignment | not modelled | 99.5 | 23 | PDB header: structural genomics, unknown function Chain: D: PDB Molecule: hypothetical protein ph0823; PDBTitle: crystal structure of hypothetical protein, ph0823 |
| 24 | c2ejba_ | Alignment | not modelled | 85.7 | 21 | PDB header: lyase Chain: A: PDB Molecule: probable aromatic acid decarboxylase; PDBTitle: crystal structure of phenylacrylic acid decarboxylase from 2 aquifex aeolicus |
| 25 | c3zqua_ | Alignment | not modelled | 84.4 | 19 | PDB header: lyase Chain: A: PDB Molecule: probable aromatic acid decarboxylase; PDBTitle: structure of a probable aromatic acid decarboxylase |
| 26 | c4nzbA_ | Alignment | not modelled | 76.8 | 9 | PDB header: ligase Chain: A: PDB Molecule: argininosuccinate synthase; PDBTitle: the crystal structure of argininosuccinate synthase from campylobacter2 jejuni subsp. jejuni nctc 11168 |
| 27 | c3a2kB_ | Alignment | not modelled | 74.8 | 14 | PDB header: ligase/rna Chain: B: PDB Molecule: tRNA(Ile)-lysidine synthase; PDBTitle: crystal structure of tils complexed with tRNA |
| 28 | c6qlgD_ | Alignment | not modelled | 62.0 | 21 | PDB header: transferase Chain: D: PDB Molecule: flavin prenyltransferase pad1, mitochondrial; PDBTitle: crystal structure of anubix (pada1) in complex with fmn and 2 dimethylallyl pyrophosphate |

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|----|-------------------------|-----------|--------------|------|----|---|
| 29 | c3u7rB | Alignment | not modelled | 60.6 | 13 | PDB header: oxidoreductase Chain: B; PDB Molecule: nadph-dependent fmn reductase; PDBTitle: ferb - flavoenzyme nad(p)h:(acceptor) oxidoreductase (ferb) from2 paracoccus denitrificans |
| 30 | c6eoA | Alignment | not modelled | 60.5 | 21 | PDB header: flavoprotein Chain: A; PDB Molecule: phosphopantothenoylcysteine decarboxylase; PDBTitle: crystal structure of hal3 from cryptococcus neoformans |
| 31 | c5h75B | Alignment | not modelled | 58.5 | 24 | PDB header: lyase Chain: B; PDB Molecule: mersacidin decarboxylase,immunoglobulin g-binding protein PDBTitle: crystal structure of the mrsd-protein a fusion protein |
| 32 | d1qzua | Alignment | not modelled | 57.1 | 26 | Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD |
| 33 | d1g5qa | Alignment | not modelled | 54.0 | 17 | Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD |
| 34 | c2p0yA | Alignment | not modelled | 52.9 | 17 | PDB header: structural genomics, unknown function Chain: A; PDB Molecule: hypothetical protein lp_0780; PDBTitle: crystal structure of q88y13_lacpl from lactobacillus plantarum.2 northeast structural genomics consortium target lpr6 |
| 35 | c4kpuB | Alignment | not modelled | 52.3 | 4 | PDB header: electron transport Chain: B; PDB Molecule: electron transfer flavoprotein alpha/beta-subunit; PDBTitle: electron transferring flavoprotein of acidaminococcus fermentans:2 towards a mechanism of flavin-based electron bifurcation |
| 36 | c3qjgD | Alignment | not modelled | 51.1 | 9 | PDB header: oxidoreductase Chain: D; PDB Molecule: epidermin biosynthesis protein epid; PDBTitle: epidermin biosynthesis protein epid from staphylococcus aureus |
| 37 | c4rheB | Alignment | not modelled | 50.1 | 18 | PDB header: lyase Chain: B; PDB Molecule: 3-octaprenyl-4-hydroxybenzoate carboxy-lyase; PDBTitle: crystal structure of ubix, an aromatic acid decarboxylase from the2 colwellia psychrerythraea 34h |
| 38 | d2dbsa1 | Alignment | not modelled | 48.5 | 25 | Fold: TTHC002-like Superfamily: TTHC002-like Family: TTHC002-like |
| 39 | c6jlsA | Alignment | not modelled | 46.3 | 14 | PDB header: biosynthetic protein Chain: A; PDB Molecule: putative flavoprotein decarboxylase; PDBTitle: crystal structure of fmn-dependent cysteine decarboxylases tvaf from2 thioviridamide biosynthesis |
| 40 | d1sbza | Alignment | not modelled | 44.0 | 24 | Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD |
| 41 | c5ow0B | Alignment | not modelled | 42.9 | 20 | PDB header: electron transport Chain: B; PDB Molecule: electron transfer flavoprotein, beta subunit; PDBTitle: crystal structure of an electron transfer flavoprotein from2 geobacillus metallireducens |
| 42 | c3s40C | Alignment | not modelled | 42.3 | 10 | PDB header: transferase Chain: C; PDB Molecule: diacylglycerol kinase; PDBTitle: the crystal structure of a diacylglycerol kinases from bacillus2 anthracis str. sterne |
| 43 | d1mvla | Alignment | not modelled | 42.1 | 22 | Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD |
| 44 | c1mvla | Alignment | not modelled | 42.1 | 22 | PDB header: lyase Chain: A; PDB Molecule: ppc decarboxylase athal3a; PDBTitle: ppc decarboxylase mutant c175s |
| 45 | c5dldA | Alignment | not modelled | 41.6 | 19 | PDB header: isomerase Chain: A; PDB Molecule: udp-n-acetylglucosamine 2-epimerase; PDBTitle: crystal structure of a udp-n-acetylglucosamine 2-epimerase from2 burkholderia vietnamiensis complexed with udp-glcNAc and udp |
| 46 | d1p3y1 | Alignment | not modelled | 40.8 | 24 | Fold: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Superfamily: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD Family: Homo-oligomeric flavin-containing Cys decarboxylases, HFCD |
| 47 | c5o12E | Alignment | not modelled | 40.3 | 17 | PDB header: flavoprotein Chain: E; PDB Molecule: electron transfer flavoprotein small subunit; PDBTitle: the electron transferring flavoprotein/butyryl-coa dehydrogenase2 complex from clostridium difficile |
| 48 | c3g40A | Alignment | not modelled | 40.3 | 10 | PDB header: transport protein Chain: A; PDB Molecule: na-k-cl cotransporter; PDBTitle: crystal structure of the cytoplasmic domain of a2 prokaryotic cation chloride cotransporter |
| 49 | c3mcuF | Alignment | not modelled | 40.1 | 26 | PDB header: oxidoreductase Chain: F; PDB Molecule: dipicolinate synthase, b chain; PDBTitle: crystal structure of the dipicolinate synthase chain b from bacillus2 cereus. northeast structural genomics consortium target bcr215. |
| 50 | c3crgA | Alignment | not modelled | 38.9 | 19 | PDB header: transferase Chain: A; PDB Molecule: tRNA delta(2)-isopentenylpyrophosphate PDBTitle: structure of tRNA dimethylallyltransferase: rna2 modification through a channel |
| 51 | c2ppvA | Alignment | not modelled | 38.7 | 19 | PDB header: transferase Chain: A; PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a protein belonging to the upf0052 |

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|----|-------------------------|-----------|--------------|------|--|
| | | | | | (se_0549) from2 staphylococcus epidermidis atcc 12228 at 2.00 a resolution |
| 52 | c2e21A | Alignment | not modelled | 35.1 | PDB header: ligase Chain: A: PDB Molecule: trna(ile)-lysidine synthase; PDBTitle: crystal structure of tils in a complex with amppnp from aquifex2 aelius. |
| 53 | c1ni5A | Alignment | not modelled | 35.0 | PDB header: cell cycle Chain: A: PDB Molecule: putative cell cycle protein mesj; PDBTitle: structure of the mesj pp-atpase from escherichia coli |
| 54 | c6jddA | Alignment | not modelled | 34.6 | PDB header: biosynthetic protein Chain: A: PDB Molecule: cypemycin cysteine dehydrogenase (decarboxylating); PDBTitle: crystal structure of the cypemycin decarboxylase cypd. |
| 55 | c3fozB | Alignment | not modelled | 34.1 | PDB header: transferase/rna Chain: B: PDB Molecule: trna delta(2)-isopentenylpyrophosphate transferase; PDBTitle: structure of e. coli isopentenyl-trna transferase in complex with e.2 coli trna(phe) |
| 56 | c4iwmD | Alignment | not modelled | 34.0 | PDB header: unknown function Chain: D: PDB Molecule: upf0135 protein mj0927; PDBTitle: crystal structure of the conserved hypothetical protein mj0927 from2 methanocaldooccus jannaschii (in p21 form) |
| 57 | c3lqkA | Alignment | not modelled | 33.5 | PDB header: oxidoreductase Chain: A: PDB Molecule: dipicolinate synthase subunit b; PDBTitle: crystal structure of dipicolinate synthase subunit b from bacillus2 halodurans c |
| 58 | c1dd9A | Alignment | not modelled | 32.9 | PDB header: transferase Chain: A: PDB Molecule: dna primase; PDBTitle: structure of the dnag catalytic core |
| 59 | d1dd9a | Alignment | not modelled | 32.9 | Fold: DNA primase core Superfamily: DNA primase core Family: DNA primase DnaG catalytic core |
| 60 | d2hy5b1 | Alignment | not modelled | 32.1 | Fold: DsrEFH-like Superfamily: DsrEFH-like Family: DsrEF-like |
| 61 | d1p5dx1 | Alignment | not modelled | 32.1 | Fold: Phosphoglucomutase, first 3 domains Superfamily: Phosphoglucomutase, first 3 domains Family: Phosphoglucomutase, first 3 domains |
| 62 | c3umvB | Alignment | not modelled | 32.0 | PDB header: lyase Chain: B: PDB Molecule: deoxyribodipyrimidine photo-lyase; PDBTitle: eukaryotic class ii cpd photolyase structure reveals a basis for 2 improved uv-tolerance in plants |
| 63 | c1vl2C | Alignment | not modelled | 31.6 | PDB header: ligase Chain: C: PDB Molecule: argininosuccinate synthase; PDBTitle: crystal structure of argininosuccinate synthase (tm1780) from2 thermotoga maritima at 1.65 a resolution |
| 64 | d2hzba1 | Alignment | not modelled | 31.2 | Fold: CofD-like Superfamily: CofD-like Family: CofD-like |
| 65 | c3vrhA | Alignment | not modelled | 31.0 | PDB header: rna binding protein Chain: A: PDB Molecule: putative uncharacterized protein ph0300; PDBTitle: crystal structure of ph0300 |
| 66 | c3c04A | Alignment | not modelled | 28.4 | PDB header: isomerase Chain: A: PDB Molecule: pdb Molecule: phosphomannomutase/phosphoglucomutase; PDBTitle: structure of the p368g mutant of pmm/pgm from p. aeruginosa |
| 67 | c5z6vA | Alignment | not modelled | 28.3 | PDB header: protein transport Chain: A: PDB Molecule: abc-type uncharacterized transport system periplasmic PDBTitle: crystal structure of a substrate-binding protein from rhodothermus2 marinus |
| 68 | d2j07a2 | Alignment | not modelled | 28.2 | Fold: Cryptochrome/photolyase, N-terminal domain Superfamily: Cryptochrome/photolyase, N-terminal domain Family: Cryptochrome/photolyase, N-terminal domain |
| 69 | c4l2iA | Alignment | not modelled | 27.5 | PDB header: electron transport Chain: A: PDB Molecule: electron transfer flavoprotein alpha subunit; PDBTitle: electron transferring flavoprotein of acidaminococcus fermentans:2 towards a mechanism of flavin-based electron bifurcation |
| 70 | c4gg5D | Alignment | not modelled | 26.9 | PDB header: isomerase Chain: D: PDB Molecule: putative phosphoglucomutase; PDBTitle: crystal structure of phosphoglucomutase from leishmania major at 3.52 angstrom resolution |
| 71 | d1xrsa | Alignment | not modelled | 26.8 | Fold: TIM beta/alpha-barrel Superfamily: Cobalamin (vitamin B12)-dependent enzymes Family: D-lysine 5,6-aminomutase alpha subunit, KamD |
| 72 | c4hqnB | Alignment | not modelled | 26.3 | PDB header: cell adhesion Chain: B: PDB Molecule: sporozoite surface protein 2; PDBTitle: crystal structure of manganese-loaded plasmodium vivax trap protein |
| 73 | d2fywa1 | Alignment | not modelled | 25.9 | Fold: NIF3 (NGG1p interacting factor 3)-like Superfamily: NIF3 (NGG1p interacting factor 3)-like Family: NIF3 (NGG1p interacting factor 3)-like |
| 74 | d1nmpa | Alignment | not modelled | 24.5 | Fold: NIF3 (NGG1p interacting factor 3)-like Superfamily: NIF3 (NGG1p interacting factor 3)-like Family: NIF3 (NGG1p interacting factor 3)-like |
| 75 | c5f4bB | Alignment | not modelled | 24.3 | PDB header: oxidoreductase Chain: B: PDB Molecule: nad(p)h dehydrogenase (quinone); PDBTitle: structure of b. abortus wrba-related protein a (wrpa) |
| 76 | c2yybA | Alignment | not modelled | 23.6 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein ttha1606; PDBTitle: crystal structure of ttha1606 from thermus thermophilus hb8 |

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|----|-------------------------|-----------|--------------|------|----|--|
| 77 | c2xrzA | Alignment | not modelled | 23.3 | 9 | PDB header: lyase/dna Chain: A: PDB Molecule: deoxyribodipyrimidine photolyase; PDBTitle: x-ray structure of archaeal class ii cpd photolyase from2 methanoscincina mazei in complex with intact cpd-lesion |
| 78 | d2d1pb1 | Alignment | not modelled | 22.7 | 22 | Fold: DsrEF-like Superfamily: DsrEF-like Family: DsrEF-like |
| 79 | c2nydB | Alignment | not modelled | 22.4 | 17 | PDB header: unknown function Chain: B: PDB Molecule: upf0135 protein sa1388; PDBTitle: crystal structure of staphylococcus aureus hypothetical protein sa1388 |
| 80 | c2gpwC | Alignment | not modelled | 21.8 | 14 | PDB header: ligase Chain: C: PDB Molecule: biotin carboxylase; PDBTitle: crystal structure of the biotin carboxylase subunit, f363a2 mutant, of acetyl-coa carboxylase from escherichia coli. |
| 81 | c2c5sA | Alignment | not modelled | 21.6 | 17 | PDB header: rna-binding protein Chain: A: PDB Molecule: probable thiamine biosynthesis protein thiI; PDBTitle: crystal structure of bacillus anthracis thiI, a trna-2 modifying enzyme containing the predicted rna-binding3 thumb domain |
| 82 | c1kh2D | Alignment | not modelled | 21.4 | 9 | PDB header: ligase Chain: D: PDB Molecule: argininosuccinate synthetase; PDBTitle: crystal structure of thermus thermophilus hb8 argininosuccinate2 synthetase in complex with atp |
| 83 | c5ol2D | Alignment | not modelled | 20.9 | 11 | PDB header: flavoprotein Chain: D: PDB Molecule: electron transfer flavoprotein large subunit; PDBTitle: the electron transferring flavoprotein/butyryl-coa dehydrogenase2 complex from clostridium difficile |
| 84 | c3i42A | Alignment | not modelled | 20.5 | 9 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: response regulator receiver domain protein (cheY-like); PDBTitle: structure of response regulator receiver domain (cheY-like) from 2 methyllobacillus flagellatus |
| 85 | c5bmpA | Alignment | not modelled | 20.3 | 8 | PDB header: isomerase Chain: A: PDB Molecule: phosphoglucomutase; PDBTitle: crystal structure of phosphoglucomutase from xanthomonas citri2 complexed with glucose-1-phosphate |
| 86 | d1ni5a1 | Alignment | not modelled | 20.1 | 16 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: PP-loop ATPase |
| 87 | d1m7ja3 | Alignment | not modelled | 20.0 | 13 | Fold: TIM beta/alpha-barrel Superfamily: Metallo-dependent hydrolases Family: D-aminoacylase, catalytic domain |
| 88 | c5gafi | Alignment | not modelled | 19.9 | 6 | PDB header: ribosome Chain: I: PDB Molecule: 50s ribosomal protein l10; PDBTitle: rnc in complex with srp |
| 89 | d1t6t1 | Alignment | not modelled | 19.8 | 10 | Fold: Toprim domain Superfamily: Toprim domain Family: Toprim domain |
| 90 | c3g8rA | Alignment | not modelled | 19.7 | 15 | PDB header: biosynthetic protein Chain: A: PDB Molecule: probable spore coat polysaccharide biosynthesis protein e; PDBTitle: crystal structure of putative spore coat polysaccharide biosynthesis2 protein e from chromobacterium violaceum atcc 12472 |
| 91 | c3dzca | Alignment | not modelled | 19.7 | 14 | PDB header: isomerase Chain: A: PDB Molecule: udp-n-acetylglucosamine 2-epimerase; PDBTitle: 2.35 angstrom resolution structure of webB (vc0917), a udp-n-2 acetylglucosamine 2-epimerase from vibrio cholerae. |
| 92 | c3uw2A | Alignment | not modelled | 19.5 | 15 | PDB header: isomerase Chain: A: PDB Molecule: phosphoglucomutase/phosphomannomutase family protein; PDBTitle: x-ray crystal structure of phosphoglucomutase/phosphomannomutase2 family protein (bth_i489)from burkholderia thailandensis |
| 93 | d1to6a | Alignment | not modelled | 19.4 | 19 | Fold: Glycerate kinase I Superfamily: Glycerate kinase I Family: Glycerate kinase I |
| 94 | c5ghaC | Alignment | not modelled | 19.2 | 10 | PDB header: transferase/transport protein Chain: C: PDB Molecule: sulfur transferase ttua; PDBTitle: sulfur transferase ttua in complex with sulfur carrier ttub |
| 95 | c2au3A | Alignment | not modelled | 19.2 | 24 | PDB header: transferase Chain: A: PDB Molecule: dna primase; PDBTitle: crystal structure of the aquifex aeolicus primase (zinc binding and2 rna polymerase domains) |
| 96 | c1xuzA | Alignment | not modelled | 19.2 | 21 | PDB header: biosynthetic protein Chain: A: PDB Molecule: polysialic acid capsule biosynthesis protein siaC; PDBTitle: crystal structure analysis of sialic acid synthase (neub)from2 neisseria meningitidis, bound to mn2+, phosphoenolpyruvate, and n-3 acetyl mannosaminitol |
| 97 | c3l3wb | Alignment | not modelled | 18.1 | 18 | PDB header: isomerase Chain: B: PDB Molecule: phosphoglucomutase; PDBTitle: structure of a phosphoglucomutase from francisella tularensis |
| 98 | d2c5sa1 | Alignment | not modelled | 18.0 | 19 | Fold: Adenine nucleotide alpha hydrolase-like Superfamily: Adenine nucleotide alpha hydrolases-like Family: ThiL-like |
| 99 | c4okuA | Alignment | not modelled | 18.0 | 16 | PDB header: cell adhesion Chain: A: PDB Molecule: micronemal protein mic2; PDBTitle: structure of toxoplasma gondii promic2 |