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|----|-------------------------|---|---|------------|--------|--|
| 1 | d1gsia_ |  Alignment |  | 100.0 | 20 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 2 | d1tmka_ |  Alignment |  | 99.9 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 3 | d4tmka_ |  Alignment |  | 99.9 | 22 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 4 | c3ld9D_ |  Alignment |  | 99.9 | 16 | PDB header: transferase Chain: D: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from ehrlichia chaffeensis at2.15a resolution |
| 5 | d1nn5a_ |  Alignment |  | 99.9 | 22 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 6 | c2plrB_ |  Alignment |  | 99.9 | 18 | PDB header: transferase Chain: B: PDB Molecule: probable thymidylate kinase; PDBTitle: crystal structure of dtmp kinase (st1543) from sulfolobus tokodaii2 strain7 |
| 7 | c2w0sB_ |  Alignment |  | 99.9 | 16 | PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of vaccinia virus thymidylate kinase2 bound to brivudin-5'-monophosphate |
| 8 | c2wwiC_ |  Alignment |  | 99.9 | 21 | PDB header: transferase Chain: C: PDB Molecule: thymidylate kinase, putative; PDBTitle: plasmodium falciparum thymidylate kinase in complex with2 aztmp and adp |
| 9 | c2ccjA_ |  Alignment |  | 99.9 | 21 | PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of s. aureus thymidylate kinase complexed2 with thymidine monophosphate |
| 10 | c3lv8A_ |  Alignment |  | 99.9 | 22 | PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: 1.8 angstrom resolution crystal structure of a thymidylate kinase2 (tmk) from vibrio cholerae o1 biovar eltor str. n16961 in complex3 with tmp, thymidine-5'-diphosphate and adp |
| 11 | c2pbrB_ |  Alignment |  | 99.9 | 22 | PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase (aq_969) from aquifex aeolicus2 vf5 |

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|----|-------------------------|-----------|---|------|----|--|
| 12 | d2ocpa1 | Alignment |  | 99.9 | 12 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 13 | c2z0hA_ | Alignment |  | 99.9 | 21 | PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase in complex with dtdp2 and adp from thermotoga maritima |
| 14 | c2qroB_ | Alignment |  | 99.9 | 14 | PDB header: transferase Chain: B: PDB Molecule: deoxycytidine kinase; PDBTitle: human deoxycytidine kinase damp, udp, mg ion product complex |
| 15 | d1p5zb_ | Alignment |  | 99.9 | 11 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 16 | d1qf9a_ | Alignment |  | 99.8 | 20 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 17 | c3tlxA_ | Alignment |  | 99.8 | 22 | PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 2; PDBTitle: crystal structure of pf10_0086, adenylate kinase from plasmodium2 falciparum |
| 18 | c2bwjC | Alignment |  | 99.8 | 22 | PDB header: transferase Chain: C: PDB Molecule: adenylate kinase 5; PDBTitle: structure of adenylate kinase 5 |
| 19 | c2rh5B_ | Alignment |  | 99.8 | 16 | PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: structure of apo adenylate kinase from aquifex aeolicus |
| 20 | d1teva_ | Alignment |  | 99.8 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 21 | d3adka_ | Alignment | not modelled | 99.8 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 22 | d1ukza_ | Alignment | not modelled | 99.8 | 20 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 23 | d1akya1 | Alignment | not modelled | 99.8 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 24 | d1p3ja1 | Alignment | not modelled | 99.8 | 17 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 25 | c3akyA_ | Alignment | not modelled | 99.8 | 17 | PDB header: adenylate kinase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: stability, activity and structure of adenylate kinase2 mutants |
| 26 | c1s3gA_ | Alignment | not modelled | 99.8 | 14 | PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from bacillus2 globisporus |
| 27 | d1ak2a1 | Alignment | not modelled | 99.8 | 17 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 28 | c2ak2A_ | Alignment | not modelled | 99.8 | 19 | PDB header: phosphotransferase Chain: A: PDB Molecule: adenylate kinase isoenzyme-2; PDBTitle: adenylate kinase isoenzyme-2 |
| | | | | | | Fold: P-loop containing nucleoside triphosphate hydrolases |

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|----|-------------------------|-----------|--------------|------|----|---|
| 29 | dlzaka1 | Alignment | not modelled | 99.8 | 21 | Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of a thermostable mutant of bacillus2 subtilis adenylate kinase (q199r) |
| 30 | c2eu8B | Alignment | not modelled | 99.8 | 11 | PDB header: signaling protein,transferase Chain: H: PDB Molecule: nicotinamide riboside kinase 1; PDBTitle: human nicotinamide riboside kinase (nrk1) |
| 31 | c2ql6H | Alignment | not modelled | 99.8 | 11 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: adenylate kinase from maize in complex with the inhibitor2 p1,p5-bis(adenosine-5'-)pentaphosphate (ap5a) |
| 32 | dls3ga1 | Alignment | not modelled | 99.8 | 18 | PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structures of zinc containing adenylate kinase from2 desulfovibrio gigas |
| 33 | c1zakB | Alignment | not modelled | 99.8 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of cryptosporidium parvum adenylate kinase cgd5 3360 |
| 34 | c2xb4A | Alignment | not modelled | 99.8 | 16 | PDB header: transferase (phosphotransferase) Chain: B: PDB Molecule: adenylate kinase isoenzyme-3; PDBTitle: the three-dimensional structure of the complex between2 mitochondrial matrix adenylate kinase and its substrate3 amp at 1.85 angstroms resolution |
| 35 | dlzina1 | Alignment | not modelled | 99.8 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: deoxyguanosine kinase; PDBTitle: structure of deoxyadenosine kinase from m.mycoides with2 products dcmp and a flexible dcdp bound |
| 36 | c3cm0A | Alignment | not modelled | 99.8 | 15 | PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from thermus2 thermophilus hb8 |
| 37 | c3be4A | Alignment | not modelled | 99.8 | 13 | PDB header: transferase Chain: A: PDB Molecule: gluconokinase; PDBTitle: crystal structure of a gluconokinase from sinorhizobium meliloti 1021 |
| 38 | c2ak3B | Alignment | not modelled | 99.8 | 11 | PDB header: transferase(phosphotransferase) Chain: A: PDB Molecule: adenylate kinase; PDBTitle: the closed conformation of a highly flexible protein: the2 structure of e. coli adenylate kinase with bound amp and3 amppnp |
| 39 | d2ak3a1 | Alignment | not modelled | 99.7 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Gluconate kinase PDB header: transferase Chain: D: PDB Molecule: deoxynucleoside kinase; PDBTitle: structural studies of nucleoside analog and feedback2 inhibitor binding to drosophila melanogaster3 multisubstrate deoxyribonucleoside kinase |
| 40 | c2jtaA | Alignment | not modelled | 99.7 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 41 | c3t61A | Alignment | not modelled | 99.7 | 21 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 42 | c1ankA | Alignment | not modelled | 99.7 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 43 | d1knqa | Alignment | not modelled | 99.7 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 44 | d1q3ta | Alignment | not modelled | 99.7 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 45 | d2cdna1 | Alignment | not modelled | 99.7 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 46 | d1ckea | Alignment | not modelled | 99.7 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 47 | c2vp4D | Alignment | not modelled | 99.7 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 48 | d2vp4a1 | Alignment | not modelled | 99.7 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 49 | d1p6xa | Alignment | not modelled | 99.7 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 50 | c2ar7A | Alignment | not modelled | 99.7 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 51 | d1ki9a | Alignment | not modelled | 99.7 | 13 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 52 | d1e4va1 | Alignment | not modelled | 99.7 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 53 | d1khta | Alignment | not modelled | 99.7 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |
| 54 | d1e2ka | Alignment | not modelled | 99.7 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of human adenylate kinase 4, ak4 |

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|----|-------------------------|-----------|--------------|------|----|---|
| 54 | d1e2Ka | Alignment | not modelled | 99.7 | 13 | hydrolases Family: Nucleotide and nucleoside kinases |
| 55 | c2h92C | Alignment | not modelled | 99.6 | 14 | PDB header: transferase Chain: C: PDB Molecule: cytidylate kinase; PDBTitle: crystal structure of staphylococcus aureus cytidine2 monophosphate kinase in complex with cytidine-5'-3 monophosphate |
| 56 | d1nksa | Alignment | not modelled | 99.6 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 57 | c3akcA | Alignment | not modelled | 99.6 | 15 | PDB header: transferase Chain: A: PDB Molecule: cytidylate kinase; PDBTitle: crystal structure of cmp kinase in complex with cdp and adp from2 thermus thermophilus hb8 |
| 58 | c1lw7A | Alignment | not modelled | 99.6 | 12 | PDB header: transferase Chain: A: PDB Molecule: transcriptional regulator nadr; PDBTitle: nadr protein from haemophilus influenzae |
| 59 | d1lw7a2 | Alignment | not modelled | 99.6 | 12 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 60 | c1ueiB | Alignment | not modelled | 99.6 | 16 | PDB header: transferase Chain: B: PDB Molecule: uridine-cytidine kinase 2; PDBTitle: crystal structure of human uridine-cytidine kinase 22 complexed with a feedback-inhibitor, utp |
| 61 | c2yvua | Alignment | not modelled | 99.6 | 16 | PDB header: transferase Chain: A: PDB Molecule: probable adenyl-yl-sulfate kinase; PDBTitle: crystal structure of ape1195 |
| 62 | d1uj2a | Alignment | not modelled | 99.6 | 13 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Phosphoribulokinase/pantothenate kinase |
| 63 | c1qhiA | Alignment | not modelled | 99.6 | 15 | PDB header: transferase Chain: A: PDB Molecule: protein (thymidine kinase); PDBTitle: herpes simplex virus type-i thymidine kinase complexed with2 a novel non-substrate inhibitor, 9-(4-hydroxybutyl)-n2-3 phenylguanine |
| 64 | c3nwiB | Alignment | not modelled | 99.6 | 14 | PDB header: transferase Chain: B: PDB Molecule: atsk2; PDBTitle: crystal structure of shikimate kinase from arabidopsis thaliana2 (atsk2) |
| 65 | c2rhmD | Alignment | not modelled | 99.6 | 17 | PDB header: unknown function Chain: D: PDB Molecule: putative kinase; PDBTitle: crystal structure of a putative kinase (caur_3907) from chloroflexus2 aurantiacus j-10-fl at 1.70 a resolution |
| 66 | d1m7ga | Alignment | not modelled | 99.6 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase) |
| 67 | c2gksB | Alignment | not modelled | 99.6 | 15 | PDB header: transferase Chain: B: PDB Molecule: bifunctional sat/aps kinase; PDBTitle: crystal structure of the bi-functional atp sulfurylase-aps kinase from2 aquifex aeolicus, a chemolithotrophic thermophile |
| 68 | d1e6ca | Alignment | not modelled | 99.5 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK) |
| 69 | c2pt5D | Alignment | not modelled | 99.5 | 15 | PDB header: transferase Chain: D: PDB Molecule: shikimate kinase; PDBTitle: crystal structure of shikimate kinase (aq_2177) from aquifex aeolicus2 vf5 |
| 70 | d1m7gb | Alignment | not modelled | 99.5 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase) |
| 71 | d1m8pa3 | Alignment | not modelled | 99.5 | 13 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain |
| 72 | c3gmtB | Alignment | not modelled | 99.4 | 19 | PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from burkholderia pseudomallei |
| 73 | c2vliB | Alignment | not modelled | 99.4 | 14 | PDB header: transferase Chain: B: PDB Molecule: antibiotic resistance protein; PDBTitle: structure of deinococcus radiodurans tunicamycin resistance2 protein |
| 74 | c3r8cB | Alignment | not modelled | 99.4 | 15 | PDB header: transferase Chain: B: PDB Molecule: cytidylate kinase; PDBTitle: crystal structure of cytidylate kinase (cmk) from mycobacterium2 abscessus |
| 75 | d1rkba | Alignment | not modelled | 99.4 | 22 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 76 | c1m8pB | Alignment | not modelled | 99.4 | 14 | PDB header: transferase Chain: B: PDB Molecule: sulfate adenyl-yl-transferase; PDBTitle: crystal structure of p. chrysogenum atp sulfurylase in the t-state |
| 77 | c1zuiA | Alignment | not modelled | 99.4 | 17 | PDB header: transferase Chain: A: PDB Molecule: shikimate kinase; PDBTitle: structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase |
| 78 | d1uf9a | Alignment | not modelled | 99.4 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 79 | d2bdta1 | Alignment | not modelled | 99.4 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases |

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|-----|-------------------------|-----------|--------------|------|----|---|
| | | | | | | Family: Atu3015-like |
| 80 | d1vhta_ | Alignment | not modelled | 99.4 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 81 | c3asyB_ | Alignment | not modelled | 99.4 | 18 | PDB header: transferase Chain: B: PDB Molecule: uridine kinase; PDBTitle: ligand-free structure of uridine kinase from thermus thermophilus hb8 |
| 82 | d1y63a_ | Alignment | not modelled | 99.4 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 83 | d1jjva_ | Alignment | not modelled | 99.3 | 13 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 84 | c2grjH_ | Alignment | not modelled | 99.3 | 16 | PDB header: transferase Chain: H: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of dephospho-coa kinase (ec 2.7.1.24)2 (dephosphocoenzyme a kinase) (tm1387) from thermotoga maritima at3 2.60 a resolution |
| 85 | d1zp6a1 | Alignment | not modelled | 99.3 | 17 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like |
| 86 | c3hdtB_ | Alignment | not modelled | 99.3 | 13 | PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative kinase; PDBTitle: crystal structure of putative kinase from clostridium symbiosum atcc2 14940 |
| 87 | c3h0kA_ | Alignment | not modelled | 99.3 | 16 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: upf0200 protein sso1041; PDBTitle: crystal structure of an adenylated kinase related protein from2 sulfobolus solfataricus to 3.25a |
| 88 | d1viaa_ | Alignment | not modelled | 99.3 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK) |
| 89 | c2f6rA_ | Alignment | not modelled | 99.3 | 13 | PDB header: transferase Chain: A: PDB Molecule: bifunctional coenzyme a synthase; PDBTitle: crystal structure of bifunctional coenzyme a synthase (coa synthase):2 (18044849) from mus musculus at 1.70 a resolution |
| 90 | d1qhxa_ | Alignment | not modelled | 99.3 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Chloramphenicol phosphotransferase |
| 91 | c3trfB_ | Alignment | not modelled | 99.3 | 20 | PDB header: transferase Chain: B: PDB Molecule: shikimate kinase; PDBTitle: structure of a shikimate kinase (arok) from coxiella burnetii |
| 92 | d2iyva1 | Alignment | not modelled | 99.2 | 16 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK) |
| 93 | d1bifa1 | Alignment | not modelled | 99.2 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain |
| 94 | d1rz3a_ | Alignment | not modelled | 99.2 | 9 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Phosphoribulokinase/pantothenate kinase |
| 95 | c2if2C_ | Alignment | not modelled | 99.2 | 17 | PDB header: transferase Chain: C: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of the putative dephospho-coa kinase from aquifex2 aeolicus, northeast structural genomics target qr72. |
| 96 | d1kaga_ | Alignment | not modelled | 99.1 | 20 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK) |
| 97 | c3czpA_ | Alignment | not modelled | 99.1 | 12 | PDB header: transferase Chain: A: PDB Molecule: putative polyphosphate kinase 2; PDBTitle: crystal structure of putative polyphosphate kinase 2 from pseudomonas2 aeruginosa pa01 |
| 98 | d1x6va3 | Alignment | not modelled | 99.1 | 18 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase) |
| 99 | c3cr8C_ | Alignment | not modelled | 99.1 | 19 | PDB header: transferase Chain: C: PDB Molecule: sulfate adenyltranferase, adenylsulfate PDBTitle: hexameric aps kinase from thiobacillus denitrificans |
| 100 | c3fdiA_ | Alignment | not modelled | 99.1 | 13 | PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of uncharacterized protein from eubacterium2 ventriosum atcc 27560. |
| 101 | c2ia5C_ | Alignment | not modelled | 99.1 | 13 | PDB header: transferase Chain: C: PDB Molecule: polynucleotide kinase; PDBTitle: t4 polynucleotide kinase/phosphatase with bound sulfate and2 magnesium. |
| 102 | c3c8uA_ | Alignment | not modelled | 99.1 | 19 | PDB header: transferase Chain: A: PDB Molecule: fructokinase; PDBTitle: crystal structure of putative fructose transport system kinase2 (yp_612366.1) from silicibacter sp. tm1040 at 1.95 a resolution |
| 103 | d1k6ma1 | Alignment | not modelled | 99.1 | 13 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain |
| | | | | | | PDB header: transferase |

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|-----|-------------------------|-----------|--------------|------|----|---|
| 104 | c3tr0A_ | Alignment | not modelled | 99.0 | 12 | Chain: A: PDB Molecule: guanylate kinase; PDBTitle: structure of guanylate kinase (gmk) from coxiella burnetii |
| 105 | c1xnjB_ | Alignment | not modelled | 99.0 | 15 | PDB header: transferase Chain: B: PDB Molecule: bifunctional 3'-phosphoadenosine 5'-phosphosulfate PDBTitle: aps complex of human paps synthetase 1 |
| 106 | c1k6mA_ | Alignment | not modelled | 99.0 | 11 | PDB header: transferase, hydrolase Chain: A: PDB Molecule: 6-phosphofructo-2-kinase/fructose-2,6- PDBTitle: crystal structure of human liver 6-phosphofructo-2-2 kinase/fructose-2,6-bisphosphatase |
| 107 | dlgkya_ | Alignment | not modelled | 98.9 | 15 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 108 | c1ly1A_ | Alignment | not modelled | 98.9 | 14 | PDB header: transferase Chain: A: PDB Molecule: polynucleotide kinase; PDBTitle: structure and mechanism of t4 polynucleotide kinase |
| 109 | dlly1a_ | Alignment | not modelled | 98.9 | 14 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 110 | dlznwa1 | Alignment | not modelled | 98.9 | 12 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 111 | c1znyA_ | Alignment | not modelled | 98.9 | 13 | PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of mycobacterium tuberculosis guanylate kinase in2 complex with gdp |
| 112 | dlvj5a2 | Alignment | not modelled | 98.9 | 24 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |
| 113 | c3rhfB_ | Alignment | not modelled | 98.9 | 14 | PDB header: transferase Chain: B: PDB Molecule: putative polyphosphate kinase 2 family protein; PDBTitle: crystal structure of polyphosphate kinase 2 from arthrobacter2 aureusens tc1 |
| 114 | c3czqA_ | Alignment | not modelled | 98.9 | 17 | PDB header: transferase Chain: A: PDB Molecule: putative polyphosphate kinase 2; PDBTitle: crystal structure of putative polyphosphate kinase 2 from2 sinorhizobium meliloti |
| 115 | c1bifA_ | Alignment | not modelled | 98.9 | 19 | PDB header: bifunctional enzyme Chain: A: PDB Molecule: 6-phosphofructo-2-kinase/ fructose-2,6-bisphosphatase; PDBTitle: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase bifunctional2 enzyme complexed with atp-g-s and phosphate |
| 116 | c2qorA_ | Alignment | not modelled | 98.8 | 13 | PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of plasmodium vivax guanylate kinase |
| 117 | c2ilvB_ | Alignment | not modelled | 98.8 | 15 | PDB header: transferase, hydrolase Chain: B: PDB Molecule: 6-phosphofructo-2-kinase/fructose-2,6- PDBTitle: crystal structure of pfkfb3 in complex with adp and2 fructose-2,6-bisphosphate |
| 118 | c3ch4B_ | Alignment | not modelled | 98.7 | 13 | PDB header: transferase Chain: B: PDB Molecule: phosphomevalonate kinase; PDBTitle: the crystal structure of human phosphomavelonate kinase at2 1.8 a resolution |
| 119 | dlodfa_ | Alignment | not modelled | 98.7 | 19 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Phosphoribulokinase/pantothenate kinase |
| 120 | dl1vga_ | Alignment | not modelled | 98.7 | 12 | Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases |