





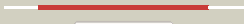




















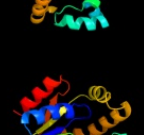


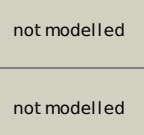


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1ankA_</a>	 Alignment		100.0	100	<b>PDB header:</b> transferase(phosphotransferase) <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> the closed conformation of a highly flexible protein: the2 structure of e. coli adenylate kinase with bound amp and3 amppnp
2	<a href="#">c2xb4A_</a>	 Alignment		100.0	34	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> the closed conformation of a highly flexible protein: the2 structure of e. coli adenylate kinase with bound amp and3 amppnp
3	<a href="#">c3gmtB_</a>	 Alignment		100.0	67	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> crystal structures of zinc containing adenylate kinase from2 desulfovibrio gigas
4	<a href="#">c1s3gA_</a>	 Alignment		100.0	51	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> crystal structure of adenylate kinase from bacillus2 globisporus
5	<a href="#">c2ar7A_</a>	 Alignment		100.0	38	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase 4; <b>PDBTitle:</b> crystal structure of human adenylate kinase 4, ak4
6	<a href="#">c3akyA_</a>	 Alignment		100.0	47	<b>PDB header:</b> adenylate kinase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> stability, activity and structure of adenylate kinase2 mutants
7	<a href="#">c2eu8B_</a>	 Alignment		99.9	49	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> crystal structure of a thermostable mutant of bacillus2 subtilis adenylate kinase (q199r)
8	<a href="#">c3tlxA_</a>	 Alignment		99.9	44	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase 2; <b>PDBTitle:</b> crystal structure of pf10_0086, adenylate kinase from plasmodium2 falciparum
9	<a href="#">c2ak2A_</a>	 Alignment		99.9	49	<b>PDB header:</b> phosphotransferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase isoenzyme-2; <b>PDBTitle:</b> adenylate kinase isoenzyme-2
10	<a href="#">c2ak3B_</a>	 Alignment		99.9	41	<b>PDB header:</b> transferase (phosphotransferase) <b>Chain:</b> B: <b>PDB Molecule:</b> adenylate kinase isoenzyme-3; <b>PDBTitle:</b> the three-dimensional structure of the complex between2 mitochondrial matrix adenylate kinase and its substrate3 amp at 1.85 angstroms resolution
11	<a href="#">c3be4A_</a>	 Alignment		99.9	50	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> crystal structure of cryptosporidium parvum adenylate kinase cgd5_3360

12	<a href="#">dle4va1</a>	Alignment		99.9	98	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
13	<a href="#">c2rh5B_</a>	Alignment		99.9	48	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> structure of apo adenylyate kinase from aquifex aeolicus
14	<a href="#">dlp3ja1</a>	Alignment		99.9	49	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
15	<a href="#">dlak2a1</a>	Alignment		99.9	48	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
16	<a href="#">clzakB_</a>	Alignment		99.9	45	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> adenylyate kinase from maize in complex with the inhibitor2 p1,p5-bis(adenosine-5'-)pentaphosphate (ap5a)
17	<a href="#">dls3ga1</a>	Alignment		99.9	50	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
18	<a href="#">dlzina1</a>	Alignment		99.9	48	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
19	<a href="#">d2cdna1</a>	Alignment		99.9	46	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
20	<a href="#">dlakya1</a>	Alignment		99.9	46	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
21	<a href="#">c2bwjC_</a>	Alignment	not modelled	99.8	33	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> adenylate kinase 5; <b>PDBTitle:</b> structure of adenylyate kinase 5
22	<a href="#">c3cm0A_</a>	Alignment	not modelled	99.8	42	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenylate kinase; <b>PDBTitle:</b> crystal structure of adenylyate kinase from thermus2 thermophilus hb8
23	<a href="#">dlzaka1</a>	Alignment	not modelled	99.8	46	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
24	<a href="#">d3adka_</a>	Alignment	not modelled	99.8	39	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
25	<a href="#">d2ak3a1</a>	Alignment	not modelled	99.8	37	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
26	<a href="#">dlukza_</a>	Alignment	not modelled	99.8	31	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
27	<a href="#">dlteva_</a>	Alignment	not modelled	99.8	33	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
28	<a href="#">dlqf9a_</a>	Alignment	not modelled	99.8	32	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
						<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases

29	<a href="#">dle6ca_</a>	Alignment	not modelled	99.6	17	<b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
30	<a href="#">c3t61A_</a>	Alignment	not modelled	99.6	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gluconokinase; <b>PDBTitle:</b> crystal structure of a gluconokinase from sinorhizobium meliloti 1021
31	<a href="#">c1zuiA_</a>	Alignment	not modelled	99.6	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> shikimate kinase; <b>PDBTitle:</b> structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase
32	<a href="#">c2plrB_</a>	Alignment	not modelled	99.6	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> probable thymidylate kinase; <b>PDBTitle:</b> crystal structure of dtmp kinase (st1543) from sulfolobus tokodaii2 strain7
33	<a href="#">c2ql6H_</a>	Alignment	not modelled	99.6	16	<b>PDB header:</b> signaling protein,transferase <b>Chain:</b> H: <b>PDB Molecule:</b> nicotinamide riboside kinase 1; <b>PDBTitle:</b> human nicotinamide riboside kinase (nrk1)
34	<a href="#">d1q3ta_</a>	Alignment	not modelled	99.6	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
35	<a href="#">c2z0hA_</a>	Alignment	not modelled	99.6	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> crystal structure of thymidylate kinase in complex with dtdp2 and adp from thermotoga maritima
36	<a href="#">d1nn5a_</a>	Alignment	not modelled	99.6	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
37	<a href="#">c2h92C_</a>	Alignment	not modelled	99.6	16	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> cytidylate kinase; <b>PDBTitle:</b> crystal structure of staphylococcus aureus cytidine2 monophosphate kinase in complex with cytidine-5'-3 monophosphate
38	<a href="#">c2pt5D_</a>	Alignment	not modelled	99.6	19	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> shikimate kinase; <b>PDBTitle:</b> crystal structure of shikimate kinase (aq_2177) from aquifex aeolicus2 vf5
39	<a href="#">d1knqa_</a>	Alignment	not modelled	99.5	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Gluconate kinase
40	<a href="#">d1gsia_</a>	Alignment	not modelled	99.5	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
41	<a href="#">d1vhta_</a>	Alignment	not modelled	99.5	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
42	<a href="#">c2ccjA_</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> crystal structure of s. aureus thymidylate kinase complexed2 with thymidine monophosphate
43	<a href="#">d1y63a_</a>	Alignment	not modelled	99.5	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
44	<a href="#">c3h0kA_</a>	Alignment	not modelled	99.5	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> upf0200 protein sso1041; <b>PDBTitle:</b> crystal structure of an adenylated kinase related protein from2 sulfolobus solfataricus to 3.25a
45	<a href="#">c2pbrB_</a>	Alignment	not modelled	99.5	15	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> crystal structure of thymidylate kinase (aq_969) from aquifex aeolicus2 vf5
46	<a href="#">d2iyva1</a>	Alignment	not modelled	99.5	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
47	<a href="#">c3trfB_</a>	Alignment	not modelled	99.5	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> shikimate kinase; <b>PDBTitle:</b> structure of a shikimate kinase (arok) from coxiella burnetii
48	<a href="#">d1rkba_</a>	Alignment	not modelled	99.5	21	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
49	<a href="#">c3lv8A_</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> 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
50	<a href="#">c2w0sB_</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> crystal structure of vaccinia virus thymidylate kinase2 bound to brivudin-5'-monophosphate
51	<a href="#">d1viaa_</a>	Alignment	not modelled	99.5	13	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
52	<a href="#">c2if2C_</a>	Alignment	not modelled	99.5	21	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> dephospho-coa kinase; <b>PDBTitle:</b> crystal structure of the putative dephospho-coa kinase from aquifex2 aeolicus, northeast structural genomics target qr72.
53	<a href="#">d1tmka_</a>	Alignment	not modelled	99.5	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
54	<a href="#">c3aknA_</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cytidylate kinase;

54	<a href="#">c3ckvA</a>	Alignment	not modelled	99.3	10	<b>PDBTitle:</b> crystal structure of cmp kinase in complex with cdp and adp from2 thermus thermophilus hb8 <b>PDB header:</b> transferase
55	<a href="#">c2jatA</a>	Alignment	not modelled	99.5	18	<b>Chain:</b> A: <b>PDB Molecule:</b> deoxyguanosine kinase; <b>PDBTitle:</b> structure of deoxyadenosine kinase from m.mycoides with2 products dcmp and a flexible dcdp bound
56	<a href="#">c3r8cB</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> cytidylate kinase; <b>PDBTitle:</b> crystal structure of cytidylate kinase (cmk) from mycobacterium2 abscessus
57	<a href="#">d4tmka</a>	Alignment	not modelled	99.5	18	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
58	<a href="#">c2rhmD</a>	Alignment	not modelled	99.4	12	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> putative kinase; <b>PDBTitle:</b> crystal structure of a putative kinase (caur_3907) from chloroflexus2 aurantiacus j-10-fl at 1.70 a resolution
59	<a href="#">c2f6rA</a>	Alignment	not modelled	99.4	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> bifunctional coenzyme a synthase; <b>PDBTitle:</b> crystal structure of bifunctional coenzyme a synthase (coa synthase):2 (18044849) from mus musculus at 1.70 a resolution
60	<a href="#">c3ld9D</a>	Alignment	not modelled	99.4	16	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> thymidylate kinase; <b>PDBTitle:</b> crystal structure of thymidylate kinase from ehrlichia chaffeensis at2 2.15a resolution
61	<a href="#">d1jjva</a>	Alignment	not modelled	99.4	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
62	<a href="#">d1ckeA</a>	Alignment	not modelled	99.4	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
63	<a href="#">c2wwiC</a>	Alignment	not modelled	99.4	13	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> thymidilate kinase, putative; <b>PDBTitle:</b> plasmodium falciparum thymidylate kinase in complex with2 aztmp and adp
64	<a href="#">c3hdtB</a>	Alignment	not modelled	99.4	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative kinase; <b>PDBTitle:</b> crystal structure of putative kinase from clostridium symbiosum atcc2 14940
65	<a href="#">d1kaga</a>	Alignment	not modelled	99.4	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Shikimate kinase (AroK)
66	<a href="#">c3nwjB</a>	Alignment	not modelled	99.4	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> atsk2; <b>PDBTitle:</b> crystal structure of shikimate kinase from arabidopsis thaliana2 (atsk2)
67	<a href="#">d1uf9a</a>	Alignment	not modelled	99.4	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
68	<a href="#">d1p5zb</a>	Alignment	not modelled	99.4	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
69	<a href="#">d1bifa1</a>	Alignment	not modelled	99.4	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain
70	<a href="#">c2grjH</a>	Alignment	not modelled	99.3	15	<b>PDB header:</b> transferase <b>Chain:</b> H: <b>PDB Molecule:</b> dephospho-coa kinase; <b>PDBTitle:</b> crystal structure of dephospho-coa kinase (ec 2.7.1.24)2 (dephosphocoenzyme a kinase) (tm1387) from thermotoga maritima at3 2.60 a resolution
71	<a href="#">d1nksa</a>	Alignment	not modelled	99.3	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
72	<a href="#">c3fdiA</a>	Alignment	not modelled	99.3	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of uncharacterized protein from eubacterium2 ventriosum atcc 27560.
73	<a href="#">d1khta</a>	Alignment	not modelled	99.3	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
74	<a href="#">c2qroB</a>	Alignment	not modelled	99.3	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> deoxycytidine kinase; <b>PDBTitle:</b> human deoxycytidine kinase damp, udp, mg ion product complex
75	<a href="#">c2vliB</a>	Alignment	not modelled	99.3	10	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> antibiotic resistance protein; <b>PDBTitle:</b> structure of deinococcus radiodurans tunicamycin resistance2 protein
76	<a href="#">d2ocpa1</a>	Alignment	not modelled	99.3	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
77	<a href="#">c2yvuA</a>	Alignment	not modelled	99.3	11	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable adenyl-yl-sulfate kinase; <b>PDBTitle:</b> crystal structure of ape1195
78	<a href="#">d2bdta1</a>	Alignment	not modelled	99.2	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Atu3015-like
79	<a href="#">d1ki9a</a>	Alignment	not modelled	99.2	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate

79	<a href="#">d1n7a_</a>	Alignment	not modelled	99.2	13	hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
80	<a href="#">d1qhxa_</a>	Alignment	not modelled	99.2	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Chloramphenicol phosphotransferase
81	<a href="#">c1bifA_</a>	Alignment	not modelled	99.1	14	<b>PDB header:</b> bifunctional enzyme <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phosphofructo-2-kinase/ fructose-2,6-bisphosphatase; <b>PDBTitle:</b> 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase bifunctional2 enzyme complexed with atp-g-s and phosphate
82	<a href="#">c2ia5C_</a>	Alignment	not modelled	99.1	21	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> polynucleotide kinase; <b>PDBTitle:</b> t4 polynucleotide kinase/phosphatase with bound sulfate and2 magnesium.
83	<a href="#">d1m8pa3</a>	Alignment	not modelled	99.1	13	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> ATP sulfurylase C-terminal domain
84	<a href="#">c2vp4D_</a>	Alignment	not modelled	99.1	12	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> deoxynucleoside kinase; <b>PDBTitle:</b> structural studies of nucleoside analog and feedback2 inhibitor binding to drosophila melanogaster3 multisubstrate deoxyribonucleoside kinase
85	<a href="#">c1ly1A_</a>	Alignment	not modelled	99.0	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> polynucleotide kinase; <b>PDBTitle:</b> structure and mechanism of t4 polynucleotide kinase
86	<a href="#">d1ly1a_</a>	Alignment	not modelled	99.0	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
87	<a href="#">d1m7gb_</a>	Alignment	not modelled	99.0	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Adenosine-5'phosphosulfate kinase (APS kinase)
88	<a href="#">d1zpa1_</a>	Alignment	not modelled	99.0	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Atu3015-like
89	<a href="#">d1lw7a2</a>	Alignment	not modelled	99.0	8	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
90	<a href="#">c3ch4B_</a>	Alignment	not modelled	99.0	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphomevalonate kinase; <b>PDBTitle:</b> the crystal structure of human phosphomavalonate kinase at2.1.8 a resolution
91	<a href="#">d1znwa1</a>	Alignment	not modelled	99.0	18	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
92	<a href="#">c3asyB_</a>	Alignment	not modelled	99.0	20	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> uridine kinase; <b>PDBTitle:</b> ligand-free structure of uridine kinase from thermus thermophilus hb8
93	<a href="#">c2gksB_</a>	Alignment	not modelled	98.9	15	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional sat/aps kinase; <b>PDBTitle:</b> crystal structure of the bi-functional atp sulfurylase-aps kinase from2 aquifex aeolicus, a chemolithotrophic thermophile
94	<a href="#">c1znyA_</a>	Alignment	not modelled	98.9	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> guanylate kinase; <b>PDBTitle:</b> crystal structure of mycobacterium tuberculosis guanylate kinase in2 complex with gdp
95	<a href="#">d1k6ma1</a>	Alignment	not modelled	98.9	14	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain
96	<a href="#">d2vp4a1</a>	Alignment	not modelled	98.9	12	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
97	<a href="#">c1m8pB_</a>	Alignment	not modelled	98.9	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> sulfate adenyllyltransferase; <b>PDBTitle:</b> crystal structure of p. chrysogenum atp sulfurylase in the t-state
98	<a href="#">d1vj5a2</a>	Alignment	not modelled	98.9	17	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
99	<a href="#">c3tr0A_</a>	Alignment	not modelled	98.9	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> guanylate kinase; <b>PDBTitle:</b> structure of guanylate kinase (gmk) from coxiella burnetii
100	<a href="#">d1m7ga_</a>	Alignment	not modelled	98.9	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Adenosine-5'phosphosulfate kinase (APS kinase)
101	<a href="#">c1k6mA_</a>	Alignment	not modelled	98.9	17	<b>PDB header:</b> transferase, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase; <b>PDBTitle:</b> crystal structure of human liver 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase
102	<a href="#">d1gkya_</a>	Alignment	not modelled	98.9	16	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
103	<a href="#">d1uj2a_</a>	Alignment	not modelled	98.8	11	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Phosphoribulokinase/pantothenate kinase
104	<a href="#">d1dka_</a>	Alignment	not modelled	98.8	19	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate



104	<a href="#">d1u6rA_</a>	Alignment	not modelled	98.8	19	hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
105	<a href="#">c1yj5B_</a>	Alignment	not modelled	98.8	20	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> 5' polynucleotide kinase-3' phosphatase catalytic domain; <b>PDBTitle:</b> molecular architecture of mammalian polynucleotide kinase, a dna2 repair enzyme
106	<a href="#">c3zvmA_</a>	Alignment	not modelled	98.8	18	<b>PDB header:</b> hydrolase/transferase/dna <b>Chain:</b> A: <b>PDB Molecule:</b> bifunctional polynucleotide phosphatase/kinase; <b>PDBTitle:</b> the structural basis for substrate recognition by mammalian2 polynucleotide kinase 3' phosphatase
107	<a href="#">c1lw7A_</a>	Alignment	not modelled	98.8	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator nadr; <b>PDBTitle:</b> nadr protein from haemophilus influenzae
108	<a href="#">c1ueiB_</a>	Alignment	not modelled	98.7	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> uridine-cytidine kinase 2; <b>PDBTitle:</b> crystal structure of human uridine-cytidine kinase 22 complexed with a feedback-inhibitor, utp
109	<a href="#">c1xnjB_</a>	Alignment	not modelled	98.6	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional 3'-phosphoadenosine 5'-phosphosulfate <b>PDBTitle:</b> aps complex of human paps synthetase 1
110	<a href="#">c2qorA_</a>	Alignment	not modelled	98.6	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> guanylate kinase; <b>PDBTitle:</b> crystal structure of plasmodium vivax guanylate kinase
111	<a href="#">d1x6va3</a>	Alignment	not modelled	98.6	20	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Adenosine-5'-phosphosulfate kinase (APS kinase)
112	<a href="#">c2i1vB_</a>	Alignment	not modelled	98.6	14	<b>PDB header:</b> transferase, hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 6-phosphofructo-2-kinase/fructose-2,6- <b>PDBTitle:</b> crystal structure of pfkfb3 in complex with adp and2 fructose-2,6-bisphosphate
113	<a href="#">d1s96a_</a>	Alignment	not modelled	98.6	18	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
114	<a href="#">d1lvga_</a>	Alignment	not modelled	98.5	18	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
115	<a href="#">c2p5tD_</a>	Alignment	not modelled	98.5	21	<b>PDB header:</b> transcription regulator <b>Chain:</b> D: <b>PDB Molecule:</b> pez2; <b>PDBTitle:</b> molecular and structural characterization of the pezat chromosomal2 toxin-antitoxin system of the human pathogen streptococcus pneumoniae
116	<a href="#">c3cr8C_</a>	Alignment	not modelled	98.5	22	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> sulfate adenyllyl transferase, adenyllylsulfate <b>PDBTitle:</b> hexameric aps kinase from thiobacillus denitrificans
117	<a href="#">c3a4mB_</a>	Alignment	not modelled	98.5	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> l-seryl-trna(sec) kinase; <b>PDBTitle:</b> crystal structure of archaeal o-phosphoseryl-trna(sec)2 kinase
118	<a href="#">c1z6gA_</a>	Alignment	not modelled	98.4	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> guanylate kinase; <b>PDBTitle:</b> crystal structure of guanylate kinase from plasmodium falciparum
119	<a href="#">d1g41a_</a>	Alignment	not modelled	98.2	25	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Extended AAA-ATPase domain
120	<a href="#">d1ye8a1</a>	Alignment	not modelled	98.1	39	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> RecA protein-like (ATPase-domain)