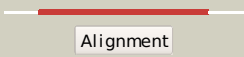
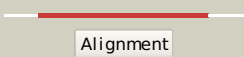
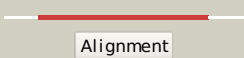
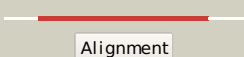
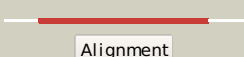
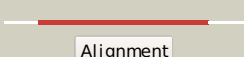
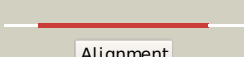
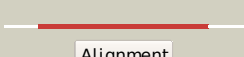
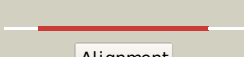
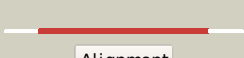
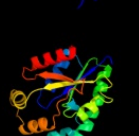
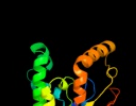


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1xnjB_	 Alignment		100.0	52	PDB header: transferase Chain: B: PDB Molecule: bifunctional 3'-phosphoadenosine 5'-phosphosulfate PDBTitle: aps complex of human paps synthetase 1
2	c2gksB_	 Alignment		100.0	43	PDB header: transferase 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
3	d1m7ga_	 Alignment		100.0	44	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
4	c1m8pB_	 Alignment		100.0	38	PDB header: transferase Chain: B: PDB Molecule: sulfate adenyllyltransferase; PDBTitle: crystal structure of p. chrysogenum atp sulfurylase in the t-state
5	d1m7gb_	 Alignment		100.0	48	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
6	d1m8pa3	 Alignment		100.0	38	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
7	c3cr8C_	 Alignment		100.0	42	PDB header: transferase Chain: C: PDB Molecule: sulfate adenyllyltranferase, adenyllysulfate PDBTitle: hexameric aps kinase from thiobacillus denitrificans
8	c2yvua_	 Alignment		100.0	40	PDB header: transferase Chain: A: PDB Molecule: probable adenyllyl-sulfate kinase; PDBTitle: crystal structure of ape1195
9	d1x6va3	 Alignment		99.9	51	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
10	d1knqa_	 Alignment		99.9	19	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Gluconate kinase
11	c3t61A_	 Alignment		99.9	18	PDB header: transferase Chain: A: PDB Molecule: gluconokinase; PDBTitle: crystal structure of a gluconokinase from sinorhizobium meliloti 1021

12	c2rhmd_	Alignment		99.9	13	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
13	c2vliB_	Alignment		99.8	15	PDB header: transferase Chain: B: PDB Molecule: antibiotic resistance protein; PDBTitle: structure of deinococcus radiodurans tunicamycin resistance2 protein
14	d1g8fa3	Alignment		99.8	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
15	c3hdtB_	Alignment		99.8	17	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative kinase; PDBTitle: crystal structure of putative kinase from clostridium symbiosum atcc2 14940
16	d1q3ta_	Alignment		99.8	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
17	c2pt5D_	Alignment		99.8	20	PDB header: transferase Chain: D: PDB Molecule: shikimate kinase; PDBTitle: crystal structure of shikimate kinase (aq_2177) from aquifex aeolicus2 vf5
18	c3nwiB_	Alignment		99.8	12	PDB header: transferase Chain: B: PDB Molecule: atsk2; PDBTitle: crystal structure of shikimate kinase from arabidopsis thaliana2 (atsk2)
19	c1g8gB_	Alignment		99.8	16	PDB header: transferase Chain: B: PDB Molecule: sulfate adenyllyltransferase; PDBTitle: atp sulfurylase from s. cerevisiae: the binary product complex with2 aps
20	c2ql6H_	Alignment		99.8	15	PDB header: signaling protein,transferase Chain: H: PDB Molecule: nicotinamide riboside kinase 1; PDBTitle: human nicotinamide riboside kinase (nrk1)
21	c2z0hA_	Alignment	not modelled	99.8	12	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase in complex with dtdp2 and adp from thermotoga maritima
22	d4tmka_	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
23	c2plrB_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: B: PDB Molecule: probable thymidylate kinase; PDBTitle: crystal structure of dtmp kinase (st1543) from sulfolobus tokodaii2 strain7
24	c3akcA_	Alignment	not modelled	99.8	20	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
25	c2h92C_	Alignment	not modelled	99.8	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
26	c2pbrB_	Alignment	not modelled	99.8	18	PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase (aq_969) from aquifex aeolicus2 vf5
27	d1e6ca_	Alignment	not modelled	99.8	19	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
28	d1zaka1	Alignment	not modelled	99.8	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases

						Family: Nucleotide and nucleoside kinases Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases
29	dlckeA_	Alignment	not modelled	99.8	19	Family: Nucleotide and nucleoside kinases PDB header: transferase Chain: A: PDB Molecule: shikimate kinase; PDBTitle: structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase
30	clzuiA_	Alignment	not modelled	99.8	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of uncharacterized protein from eubacterium2 ventriosum atcc 27560.
31	c3fdiA_	Alignment	not modelled	99.8	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
32	dlukza_	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
33	dlnn5a_	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
34	dlteva_	Alignment	not modelled	99.8	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
35	d2bdtal	Alignment	not modelled	99.8	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of s. aureus thymidylate kinase complexed2 with thymidine monophosphate
36	c2ccjA_	Alignment	not modelled	99.7	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Chloramphenicol phosphotransferase
37	dlqhxa_	Alignment	not modelled	99.7	12	PDB header: transferase Chain: C: PDB Molecule: adenylate kinase 5; PDBTitle: structure of adenylate kinase 5
38	c2bwjC_	Alignment	not modelled	99.7	13	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
39	c2jatA_	Alignment	not modelled	99.7	11	PDB header: transferase Chain: C: PDB Molecule: thymidilate kinase, putative; PDBTitle: plasmodium falciparum thymidilate kinase in complex with2 aztmp and adp
40	c2wwiC_	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
41	dltmka_	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
42	dls3ga1	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
43	dlv63a_	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
44	dle4va1	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
45	dlak2a1	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
46	d3adka_	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
47	d2cdna1	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
48	dlzp6a1	Alignment	not modelled	99.7	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
49	dlgsia_	Alignment	not modelled	99.7	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
50	dlkaga_	Alignment	not modelled	99.7	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
51	dlrkba_	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
52	dlakya1	Alignment	not modelled	99.7	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
53	dlqf9a_	Alignment	not modelled	99.7	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
54	dlviaa_	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

54	d1vraa_	Alignment	not modelled	99.7	10	hydrolases Family: Shikimate kinase (AroK)
55	d1p3ja1	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
56	d1bifa1	Alignment	not modelled	99.7	15	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
57	c2xb4A_	Alignment	not modelled	99.7	18	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structures of zinc containing adenylylase kinase from <i>Desulfovibrio gigas</i>
58	c3r8cB_	Alignment	not modelled	99.7	18	PDB header: transferase Chain: B: PDB Molecule: cytidylate kinase; PDBTitle: crystal structure of cytidylate kinase (cmk) from <i>Mycobacterium abscessus</i>
59	c3trfB_	Alignment	not modelled	99.7	11	PDB header: transferase Chain: B: PDB Molecule: shikimate kinase; PDBTitle: structure of a shikimate kinase (arok) from <i>Coxiella burnetii</i>
60	c2grjH_	Alignment	not modelled	99.7	15	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 <i>Thermotoga maritima</i> at 3.2.60 Å resolution
61	c2ilvB_	Alignment	not modelled	99.7	18	PDB header: transferase, hydrolase Chain: B: PDB Molecule: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase PDBTitle: crystal structure of pfkfb3 in complex with adp and fructose-2,6-bisphosphate
62	c2if2C_	Alignment	not modelled	99.7	16	PDB header: transferase Chain: C: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of the putative dephospho-coa kinase from <i>Aquifex2 aeolicus</i> , northeast structural genomics target qr72.
63	d2iyva1	Alignment	not modelled	99.7	19	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
64	c2w0sB_	Alignment	not modelled	99.7	11	PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of vaccinia virus thymidylate kinase2 bound to brivudin-5'-monophosphate
65	c2ia5C_	Alignment	not modelled	99.7	14	PDB header: transferase Chain: C: PDB Molecule: polynucleotide kinase; PDBTitle: t4 polynucleotide kinase/phosphatase with bound sulfate and 2 magnesium.
66	d2ocpa1	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
67	c3akyA_	Alignment	not modelled	99.7	16	PDB header: adenylate kinase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: stability, activity and structure of adenylylase kinase2 mutants
68	d1p5zb_	Alignment	not modelled	99.7	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
69	d1lzina1	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
70	d1uf9a_	Alignment	not modelled	99.7	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
71	c1bifA_	Alignment	not modelled	99.7	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
72	d1yj5a2	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
73	d1k6ma1	Alignment	not modelled	99.7	17	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
74	d1khta_	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
75	c3tlxA_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 2; PDBTitle: crystal structure of pf10_0086, adenylylase kinase from <i>Plasmodium falciparum</i>
76	c3lv8A_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: 1.8 Å resolution crystal structure of a thymidylate kinase2 (tmk) from <i>Vibrio cholerae</i> O1 biovar eltor str. n16961 in complex3 with tnp, thymidine-5'-diphosphate and adp
77	d1ki9a_	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
78	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

79	c1k6mA	Alignment	not modelled	99.6	20	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
80	c2qroB	Alignment	not modelled	99.6	12	PDB header: transferase Chain: B: PDB Molecule: deoxycytidine kinase; PDBTitle: human deoxycytidine kinase damp, udp, mg ion product complex
81	c3cm0A	Alignment	not modelled	99.6	17	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from thermus2 thermophilus hb8
82	c3h0kA	Alignment	not modelled	99.6	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: upf0200 protein sso1041; PDBTitle: crystal structure of an adenylated kinase related protein from2 sulfolobus solfataricus to 3.25a
83	c3be4A	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of cryptosporidium parvum adenylate kinase cgd5_3360
84	d2vp4a1	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
85	d1jja	Alignment	not modelled	99.6	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
86	c2vp4D	Alignment	not modelled	99.6	11	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
87	c1ueiB	Alignment	not modelled	99.6	12	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
88	c1s3gA	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from bacillus2 globisporus
89	c2ak2A	Alignment	not modelled	99.6	17	PDB header: phosphotransferase Chain: A: PDB Molecule: adenylate kinase isoenzyme-2; PDBTitle: adenylate kinase isoenzyme-2
90	c3ch4B	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: phosphomevalonate kinase; PDBTitle: the crystal structure of human phosphomavalonate kinase at2 1.8 a resolution
91	c3zvmA	Alignment	not modelled	99.6	14	PDB header: hydrolase/transferase/dna Chain: A: PDB Molecule: bifunctional polynucleotide phosphatase/kinase; PDBTitle: the structural basis for substrate recognition by mammalian2 polynucleotide kinase 3' phosphatase
92	c2rh5B	Alignment	not modelled	99.6	17	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: structure of apo adenylate kinase from aquifex aeolicus
93	c2eu8B	Alignment	not modelled	99.6	16	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of a thermostable mutant of bacillus2 subtilis adenylate kinase (q199r)
94	c3asyB	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: uridine kinase; PDBTitle: ligand-free structure of uridine kinase from thermus thermophilus hb8
95	c3tr0A	Alignment	not modelled	99.6	18	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: structure of guanylate kinase (gmk) from coxiella burnetii
96	d1gkya	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
97	d2ak3a1	Alignment	not modelled	99.6	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
98	c2f6rA	Alignment	not modelled	99.6	16	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
99	c1vj5B	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: 5' polynucleotide kinase-3' phosphatase catalytic domain; PDBTitle: molecular architecture of mammalian polynucleotide kinase, a dna2 repair enzyme
100	c2ar7A	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 4; PDBTitle: crystal structure of human adenylate kinase 4, ak4
101	c1ly1A	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: polynucleotide kinase; PDBTitle: structure and mechanism of t4 polynucleotide kinase
102	d1ly1a	Alignment	not modelled	99.6	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
103	c3ld9D	Alignment	not modelled	99.5	18	PDB header: transferase Chain: D: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from ehrlichia chaffeensis at2 2.15a resolution

104	c2ak3B_	Alignment	not modelled	99.5	14	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
105	dlnksa_	Alignment	not modelled	99.5	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
106	c1zakB_	Alignment	not modelled	99.5	14	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)
107	d1vhta_	Alignment	not modelled	99.5	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
108	c1ankA_	Alignment	not modelled	99.5	18	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
109	c1znyA_	Alignment	not modelled	99.5	19	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of mycobacterium tuberculosis guanylate kinase in2 complex with gdp
110	c3c8uA_	Alignment	not modelled	99.5	16	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
111	d1s96a_	Alignment	not modelled	99.5	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
112	c3a4mB_	Alignment	not modelled	99.4	14	PDB header: transferase Chain: B: PDB Molecule: l-seryl-trna(sec) kinase; PDBTitle: crystal structure of archaeal o-phosphoseryl-trna(sec)2 kinase
113	d1znwa1	Alignment	not modelled	99.4	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
114	c2qorA_	Alignment	not modelled	99.4	16	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of plasmodium vivax guanylate kinase
115	c1z6gA_	Alignment	not modelled	99.4	13	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of guanylate kinase from plasmodium falciparum
116	d1lvga_	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
117	c3gmtB_	Alignment	not modelled	99.4	15	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from burkholderia pseudomallei
118	d1lw7a2	Alignment	not modelled	99.3	7	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
119	d1deka_	Alignment	not modelled	99.2	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
120	c2p5tD_	Alignment	not modelled	99.2	12	PDB header: transcription regulator Chain: D: PDB Molecule: pezt; PDBTitle: molecular and structural characterization of the pezat chromosomal2 toxin-antitoxin system of the human pathogen streptococcus pneumoniae