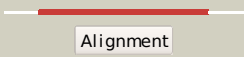

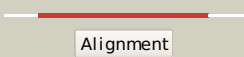

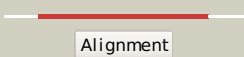

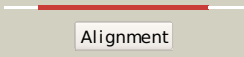

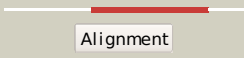

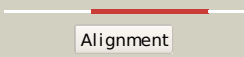

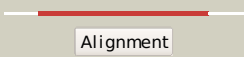

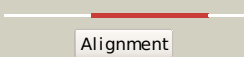

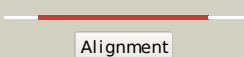

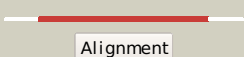

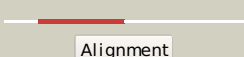












#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1ylhA_	 Alignment		100.0	77	PDB header: lyase Chain: A: PDB Molecule: phosphoenolpyruvate carboxykinase; PDBTitle: crystal structure of phosphoenolpyruvate carboxykinase from2 actinobacillus succinogenes in complex with manganese and3 pyruvate
2	c2pc9B_	 Alignment		100.0	49	PDB header: lyase Chain: B: PDB Molecule: phosphoenolpyruvate carboxykinase [atp]; PDBTitle: crystal structure of atp-dependent phosphoenolpyruvate carboxykinase2 from thermus thermophilus hb8
3	c1yvvyA_	 Alignment		100.0	67	PDB header: lyase Chain: A: PDB Molecule: phosphoenolpyruvate carboxykinase [atp]; PDBTitle: crystal strucutre of anaerobiospirillum succiniciproducens2 phosphoenolpyruvate carboxykinase
4	c1ii2B_	 Alignment		100.0	45	PDB header: lyase Chain: B: PDB Molecule: phosphoenolpyruvate carboxykinase; PDBTitle: crystal structure of phosphoenolpyruvate carboxykinase2 (pepck) from trypanosoma cruzi
5	d2qlra1	 Alignment		100.0	100	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: PEP carboxykinase C-terminal domain
6	d1ii2a1	 Alignment		100.0	47	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: PEP carboxykinase C-terminal domain
7	c2fahB_	 Alignment		100.0	17	PDB header: lyase Chain: B: PDB Molecule: phosphoenolpyruvate carboxykinase; PDBTitle: the structure of mitochondrial pepck, complex with mn and gdp
8	d1j3ba1	 Alignment		100.0	54	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: PEP carboxykinase C-terminal domain
9	c2zciD_	 Alignment		100.0	14	PDB header: signaling protein, lyase Chain: D: PDB Molecule: phosphoenolpyruvate carboxykinase [gtp]; PDBTitle: structure of a gtp-dependent bacterial pep-carboxykinase2 from corynebacterium glutamicum
10	c2qeyA_	 Alignment		100.0	16	PDB header: lyase Chain: A: PDB Molecule: phosphoenolpyruvate carboxykinase, cytosolic [gtp]; PDBTitle: rat cytosolic pepck in complex with gtp
11	d2qlra2	 Alignment		100.0	100	Fold: PEP carboxykinase N-terminal domain Superfamily: PEP carboxykinase N-terminal domain Family: PEP carboxykinase N-terminal domain

12	dlj3ba2	Alignment		100.0	40	Fold: PEP carboxykinase N-terminal domain Superfamily: PEP carboxykinase N-terminal domain Family: PEP carboxykinase N-terminal domain
13	dlii2a2	Alignment		100.0	40	Fold: PEP carboxykinase N-terminal domain Superfamily: PEP carboxykinase N-terminal domain Family: PEP carboxykinase N-terminal domain
14	dikhba1	Alignment		100.0	18	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: PEP carboxykinase C-terminal domain
15	dikhba2	Alignment		100.0	14	Fold: PEP carboxykinase N-terminal domain Superfamily: PEP carboxykinase N-terminal domain Family: PEP carboxykinase N-terminal domain
16	c3tqfA	Alignment		95.5	23	PDB header: transferase, hydrolase Chain: A: PDB Molecule: hpr(ser) kinase; PDBTitle: structure of the hpr(ser) kinase/phosphatase from coxiella burnetii
17	d1knxa2	Alignment		94.9	25	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: HPr kinase HprK C-terminal domain
18	d1kkma	Alignment		94.7	29	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: HPr kinase HprK C-terminal domain
19	d1ko7a2	Alignment		94.7	25	Fold: PEP carboxykinase-like Superfamily: PEP carboxykinase-like Family: HPr kinase HprK C-terminal domain
20	c2qmhK	Alignment		94.5	30	PDB header: transferase Chain: K: PDB Molecule: hpr kinase/phosphorylase; PDBTitle: structure of v267f mutant hprk/p
21	c1xnjB	Alignment	not modelled	94.2	52	PDB header: transferase Chain: B: PDB Molecule: bifunctional 3'-phosphoadenosine 5'-phosphosulfate PDBTitle: aps complex of human paps synthetase 1
22	d1qzxa3	Alignment	not modelled	93.0	30	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
23	d1x6va3	Alignment	not modelled	92.7	48	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
24	c3cr8C	Alignment	not modelled	92.3	50	PDB header: transferase Chain: C: PDB Molecule: sulfate adenyllyltransferase, adenyllysulfate PDBTitle: hexameric aps kinase from thiobacillus denitrificans
25	d2qy9a2	Alignment	not modelled	92.3	40	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
26	d1okkd2	Alignment	not modelled	91.7	47	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
27	c2yvua	Alignment	not modelled	91.7	48	PDB header: transferase Chain: A: PDB Molecule: probable adenyllyl-sulfate kinase; PDBTitle: crystal structure of ape1195
28	d1m8pa3	Alignment	not modelled	91.7	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
						PDB header: hydrolase/dna

29	c3pihA_	Alignment	not modelled	91.5	41	Chain: A: PDB Molecule: uvrabc system protein a; PDBTitle: t. maritima uvra in complex with fluorescein-modified dna
30	c2ygrD_	Alignment	not modelled	91.4	45	PDB header: hydrolase Chain: D: PDB Molecule: uvrabc system protein a; PDBTitle: mycobacterium tuberculosis uvra
31	d1m7gb_	Alignment	not modelled	91.3	40	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5' phosphosulfate kinase (APS kinase)
32	c2j41A_	Alignment	not modelled	91.1	53	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of staphylococcus aureus guanylate2 monophosphate kinase
33	c3cmvG_	Alignment	not modelled	90.9	32	PDB header: recombination Chain: G: PDB Molecule: protein reca; PDBTitle: mechanism of homologous recombination from the reca-2 ssdna/dsdna structures
34	d1knqa_	Alignment	not modelled	90.9	30	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Gluconate kinase
35	d1zp6a1	Alignment	not modelled	90.8	33	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
36	d1vmaa2	Alignment	not modelled	90.6	47	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
37	d1ls1a2	Alignment	not modelled	90.6	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
38	c2vf7B_	Alignment	not modelled	90.5	36	PDB header: dna-binding protein Chain: B: PDB Molecule: excinuclease abc, subunit a.; PDBTitle: crystal structure of uvra2 from deinococcus radiodurans
39	d1m7ga_	Alignment	not modelled	90.4	38	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5' phosphosulfate kinase (APS kinase)
40	d1ukza_	Alignment	not modelled	90.2	30	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
41	c1m8pB_	Alignment	not modelled	90.2	20	PDB header: transferase Chain: B: PDB Molecule: sulfate adenyllyltransferase; PDBTitle: crystal structure of p. chrysogenum atp sulfurylase in the t-state
42	c1ko7B_	Alignment	not modelled	90.2	28	PDB header: transferase,hydrolase Chain: B: PDB Molecule: hpr kinase/phosphatase; PDBTitle: x-ray structure of the hpr kinase/phosphatase from2 staphylococcus xylosus at 1.95 a resolution
43	d1yj5a2	Alignment	not modelled	90.1	33	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
44	d1ki9a_	Alignment	not modelled	89.7	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
45	c3akcA_	Alignment	not modelled	89.7	21	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
46	d3adka_	Alignment	not modelled	89.7	30	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
47	d1ly1a_	Alignment	not modelled	89.6	31	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
48	c1ly1A_	Alignment	not modelled	89.6	31	PDB header: transferase Chain: A: PDB Molecule: polynucleotide kinase; PDBTitle: structure and mechanism of t4 polynucleotide kinase
49	d1y63a_	Alignment	not modelled	89.5	40	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
50	d1tmka_	Alignment	not modelled	89.4	40	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
51	d1qhxa_	Alignment	not modelled	89.3	21	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Chloramphenicol phosphotransferase
52	c2vliB_	Alignment	not modelled	89.3	26	PDB header: transferase Chain: B: PDB Molecule: antibiotic resistance protein; PDBTitle: structure of deinococcus radiodurans tunicamycin resistance2 protein
53	c2f1rA_	Alignment	not modelled	89.2	17	PDB header: biosynthetic protein Chain: A: PDB Molecule: molybdopterin-guanine dinucleotide biosynthesis PDBTitle: crystal structure of molybdopterin-guanine biosynthesis2 protein b (mobbb)
54	c2plrB_	Alignment	not modelled	89.0	37	PDB header: transferase Chain: B: PDB Molecule: probable thymidylate kinase; PDBTitle: crystal structure of dtmp kinase (st1543) from sulfolobus tokodaii2 strain7

55	c3d31B_	Alignment	not modelled	89.0	42	PDB header: transport protein Chain: B: PDB Molecule: sulfate/molybdate abc transporter, atp-binding PDBTitle: modbc from methanosarcina acetivorans
56	c1oxTB_	Alignment	not modelled	88.9	26	PDB header: transport protein Chain: B: PDB Molecule: abc transporter, atp binding protein; PDBTitle: crystal structure of glcv, the abc-atpase of the glucose abc2 transporter from sulfolobus solfataricus
57	c2yz2B_	Alignment	not modelled	88.8	37	PDB header: hydrolase Chain: B: PDB Molecule: putative abc transporter atp-binding protein tm_0222; PDBTitle: crystal structure of the abc transporter in the cobalt transport2 system
58	c2grjH_	Alignment	not modelled	88.8	44	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
59	c2ql6H_	Alignment	not modelled	88.7	37	PDB header: signaling protein,transferase Chain: H: PDB Molecule: nicotinamide riboside kinase 1; PDBTitle: human nicotinamide riboside kinase (nrk1)
60	d1e4va1	Alignment	not modelled	88.7	29	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
61	c2jatA_	Alignment	not modelled	88.7	50	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
62	d1kaga_	Alignment	not modelled	88.6	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
63	c2yyzA_	Alignment	not modelled	88.5	42	PDB header: transport protein Chain: A: PDB Molecule: sugar abc transporter, atp-binding protein; PDBTitle: crystal structure of sugar abc transporter, atp-binding protein
64	c2rhmD_	Alignment	not modelled	88.5	40	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
65	c3cm0A_	Alignment	not modelled	88.4	37	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from thermus2 thermophilus hb8
66	c3tauB_	Alignment	not modelled	88.3	44	PDB header: transferase Chain: B: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of a putative guanylate monophosphatase kinase from2 listeria monocytogenes egd-e
67	c2qz4A_	Alignment	not modelled	88.3	34	PDB header: hydrolase Chain: A: PDB Molecule: paraplegin; PDBTitle: human paraplegin, aaa domain in complex with adp
68	c1z47B_	Alignment	not modelled	88.3	42	PDB header: ligand binding protein Chain: B: PDB Molecule: putative abc-transporter atp-binding protein; PDBTitle: structure of the atpase subunit cysa of the putative2 sulfate atp-binding cassette (abc) transporter from3 alicyclobacillus acidocaldarius
69	d2vp4a1	Alignment	not modelled	88.3	33	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
70	d1akya1	Alignment	not modelled	88.3	43	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
71	d1g8fa3	Alignment	not modelled	88.2	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
72	c2d3wB_	Alignment	not modelled	88.1	42	PDB header: biosynthetic protein Chain: B: PDB Molecule: probable atp-dependent transporter sufcc; PDBTitle: crystal structure of escherichia coli sufcc, an atpase2 compenent of the suf iron-sulfur cluster assembly machinery
73	c3fvqB_	Alignment	not modelled	88.1	47	PDB header: hydrolase Chain: B: PDB Molecule: fe(3+) ions import atp-binding protein fbpc; PDBTitle: crystal structure of the nucleotide binding domain fbpc2 complexed with atp
74	c2ghiD_	Alignment	not modelled	88.1	32	PDB header: transport protein Chain: D: PDB Molecule: transport protein; PDBTitle: crystal structure of plasmodium yoelii multidrug resistance2 protein 2
75	d1k6ma1	Alignment	not modelled	88.0	38	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
76	c1q1bD_	Alignment	not modelled	88.0	53	PDB header: transport protein Chain: D: PDB Molecule: maltose/maltodextrin transport atp-binding protein malk; PDBTitle: crystal structure of e. coli malk in the nucleotide-free form
77	c3gd7C_	Alignment	not modelled	87.9	37	PDB header: hydrolase Chain: C: PDB Molecule: fusion complex of cystic fibrosis transmembrane PDBTitle: crystal structure of human nbd2 complexed with n6-2 phenylethyl-atp (p-atp) PDB header: transferase Chain: D: PDB Molecule: deoxynucleoside kinase;

78	c2vp4D_	Alignment	not modelled	87.8	32	PDBTitle: structural studies of nucleoside analog and feedback2 inhibitor binding to drosophila melanogaster3 multisubstrate deoxyribonucleoside kinase
79	d1g2912	Alignment	not modelled	87.8	42	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ABC transporter ATPase domain-like
80	d1qf9a_	Alignment	not modelled	87.8	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
81	d1ak2a1	Alignment	not modelled	87.8	45	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
82	c3t61A_	Alignment	not modelled	87.7	30	PDB header: transferase Chain: A: PDB Molecule: gluconokinase; PDBTitle: crystal structure of a gluconokinase from sinorhizobium meliloti 1021
83	c2z0hA_	Alignment	not modelled	87.6	38	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase in complex with dtdp2 and adp from thermotoga maritima
84	c3tlxA_	Alignment	not modelled	87.6	33	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 2; PDBTitle: crystal structure of pf10_0086, adenylate kinase from plasmodium2 falciparum
85	d1nn5a_	Alignment	not modelled	87.6	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
86	d1e6ca_	Alignment	not modelled	87.6	26	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
87	c3nwjB_	Alignment	not modelled	87.5	37	PDB header: transferase Chain: B: PDB Molecule: atsk2; PDBTitle: crystal structure of shikimate kinase from arabidopsis thaliana2 (atsk2)
88	d2iyva1	Alignment	not modelled	87.4	50	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
89	c3a4mB_	Alignment	not modelled	87.4	44	PDB header: transferase Chain: B: PDB Molecule: l-seryl-trna(sec) kinase; PDBTitle: crystal structure of archaeal o-phosphoseryl-trna(sec)2 kinase
90	c2nq2C_	Alignment	not modelled	87.4	47	PDB header: metal transport Chain: C: PDB Molecule: hypothetical abc transporter atp-binding protein PDBTitle: an inward-facing conformation of a putative metal-chelate2 type abc transporter.
91	d1l2ta_	Alignment	not modelled	87.3	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ABC transporter ATPase domain-like
92	d1np6a_	Alignment	not modelled	87.2	60	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
93	c3bosA_	Alignment	not modelled	87.1	24	PDB header: hydrolase regulator,dna binding protein Chain: A: PDB Molecule: putative dna replication factor; PDBTitle: crystal structure of a putative dna replication regulator hda2 (sama_1916) from shewanella amazonensis sb2b at 1.75 a resolution
94	d1viaa_	Alignment	not modelled	87.1	50	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
95	c3b9pA_	Alignment	not modelled	87.1	19	PDB header: hydrolase Chain: A: PDB Molecule: cg5977-pa, isoform a; PDBTitle: spastin
96	c3be4A_	Alignment	not modelled	87.1	29	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of cryptosporidium parvum adenylate kinase cgd5_3360
97	c1vciA_	Alignment	not modelled	87.0	47	PDB header: transport protein Chain: A: PDB Molecule: sugar-binding transport atp-binding protein; PDBTitle: crystal structure of the atp-binding cassette of multisugar2 transporter from pyrococcus horikoshii ot3 complexed with3 atp
98	c2gksB_	Alignment	not modelled	86.9	30	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
99	c2bwjC_	Alignment	not modelled	86.9	30	PDB header: transferase Chain: C: PDB Molecule: adenylate kinase 5; PDBTitle: structure of adenylate kinase 5
100	c2pt5D_	Alignment	not modelled	86.9	29	PDB header: transferase Chain: D: PDB Molecule: shikimate kinase; PDBTitle: crystal structure of shikimate kinase (aq_2177) from aquifex aeolicus2 vf5
101	c3asyB_	Alignment	not modelled	86.9	44	PDB header: transferase Chain: B: PDB Molecule: uridine kinase; PDBTitle: ligand-free structure of uridine kinase from thermus thermophilus hb8
102	d1b0ua_	Alignment	not modelled	86.8	47	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ABC transporter ATPase domain-like

103	c1zuiA_	Alignment	not modelled	86.8	43	PDB header: transferase Chain: A: PDB Molecule: shikimate kinase; PDBTitle: structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase
104	d1v5wa_	Alignment	not modelled	86.8	43	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
105	d1v43a3	Alignment	not modelled	86.6	47	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ABC transporter ATPase domain-like
106	c2it1B_	Alignment	not modelled	86.5	42	PDB header: transport protein Chain: B: PDB Molecule: 362aa long hypothetical maltose/maltodextrin PDBTitle: structure of ph0203 protein from pyrococcus horikoshii
107	c2olkD_	Alignment	not modelled	86.4	47	PDB header: hydrolase Chain: D: PDB Molecule: amino acid abc transporter; PDBTitle: abc protein artp in complex with adp-beta-s
108	d1nksa_	Alignment	not modelled	86.3	31	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
109	d1nlfa_	Alignment	not modelled	86.3	32	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
110	d1uf9a_	Alignment	not modelled	86.2	25	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
111	d1mv5a_	Alignment	not modelled	86.1	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ABC transporter ATPase domain-like
112	d2bdtal	Alignment	not modelled	86.0	31	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
113	d1khta_	Alignment	not modelled	86.0	44	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
114	c3ozxA_	Alignment	not modelled	85.9	25	PDB header: hydrolase, translation Chain: A: PDB Molecule: rnase l inhibitor; PDBTitle: crystal structure of abce1 of sulfolubus solfataricus (-fes domain)
115	c2wwiC_	Alignment	not modelled	85.9	50	PDB header: transferase Chain: C: PDB Molecule: thymidilate kinase, putative; PDBTitle: plasmodium falciparum thymidylate kinase in complex with2 aztmp and adp
116	c1g8gB_	Alignment	not modelled	85.9	20	PDB header: transferase Chain: B: PDB Molecule: sulfate adenyllyl transferase; PDBTitle: atp sulfurylase from s. cerevisiae: the binary product complex with2 aps
117	d1bifa1	Alignment	not modelled	85.8	44	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
118	c2j7pA_	Alignment	not modelled	85.8	24	PDB header: signal recognition Chain: A: PDB Molecule: signal recognition particle protein; PDBTitle: gmppnp-stabilized ng domain complex of the srp gtpases ffh2 and ftsy
119	d1xjca_	Alignment	not modelled	85.8	41	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
120	c1knxF_	Alignment	not modelled	85.7	23	PDB header: transferase/hydrolase Chain: F: PDB Molecule: probable hpr(ser) kinase/phosphatase; PDBTitle: hpr kinase/phosphatase from mycoplasma pneumoniae