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 Description RVBD3232c_(pvdS)_3608867_3609754
 Date Thu Aug 8 16:20:43 BST 2019
 Unique Job ID eee72ed81a27244b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5ld1D_	 Alignment		100.0	26	PDB header: transferase Chain: D: PDB Molecule: polyphosphate:amp phosphotransferase; PDBTitle: crystal structure of polyphosphate kinase from meiothermus ruber bound2 to atp
2	c3rhfB_	 Alignment		100.0	28	PDB header: transferase Chain: B: PDB Molecule: putative polyphosphate kinase 2 family protein; PDBTitle: crystal structure of polyphosphate kinase 2 from arthrobacter2 aurescens tc1
3	c6au0A_	 Alignment		100.0	26	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: polyphosphate:amp phosphotransferase; PDBTitle: crystal structure of ppk2 (class iii) in complex with bisphosphonate2 inhibitor (2-((3,5-dichlorophenyl)amino)ethane-1,1-diyl)diphosphonic3 acid
4	c6aqeB_	 Alignment		100.0	27	PDB header: transferase Chain: B: PDB Molecule: molecule a; PDBTitle: crystal structure of ppk2 in complex with mg atp
5	c3czqA_	 Alignment		100.0	42	PDB header: transferase Chain: A: PDB Molecule: putative polyphosphate kinase 2; PDBTitle: crystal structure of putative polyphosphate kinase 2 from2 sinorhizobium meliloti
6	c4yegA_	 Alignment		100.0	50	PDB header: transferase Chain: A: PDB Molecule: polyphosphate kinase 2; PDBTitle: characterisation of polyphosphate kinase 2 from the intracellular2 pathogen francisella tularensis
7	c3czpA_	 Alignment		100.0	33	PDB header: transferase Chain: A: PDB Molecule: putative polyphosphate kinase 2; PDBTitle: crystal structure of putative polyphosphate kinase 2 from pseudomonas2 aeruginosa pa01
8	d2ocpa1	 Alignment		99.6	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
9	d1qsia_	 Alignment		99.6	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
10	c2vp4D_	 Alignment		99.3	14	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
11	d2vp4a1	 Alignment		99.3	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases

12	c2w0sB_	Alignment		99.0	14	PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of vaccinia virus thymidylate kinase2 bound to brivudin-5'-monophosphate
13	d4tmka_	Alignment		98.9	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
14	c5lnkk_	Alignment		98.9	16	PDB header: oxidoreductase Chain: K: PDB Molecule: mitochondrial complex i, nd4l subunit; PDBTitle: entire ovine respiratory complex i
15	c2qroB_	Alignment		98.9	13	PDB header: transferase Chain: B: PDB Molecule: deoxycytidine kinase; PDBTitle: human deoxycytidine kinase damp, udp, mg ion product complex
16	c2plrB_	Alignment		98.8	18	PDB header: transferase Chain: B: PDB Molecule: probable thymidylate kinase; PDBTitle: crystal structure of dtmp kinase (st1543) from sulfolobus tokodaii2 strain7
17	c4dwjB_	Alignment		98.8	15	PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from staphylococcus aureus in2 complex with thymidine monophosphate
18	c3uwoA_	Alignment		98.8	17	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: structure guided development of novel thymidine mimetics targeting2 pseudomonas aeruginosa thymidylate kinase: from hit to lead3 generation
19	d1p5zb_	Alignment		98.8	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
20	c3ld9D_	Alignment		98.8	16	PDB header: transferase Chain: D: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from ehrlichia chaffeensis at2 2.15a resolution
21	c5x7jA_	Alignment	not modelled	98.7	15	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from thermus thermophilus hb8
22	c2pbrB_	Alignment	not modelled	98.6	16	PDB header: transferase Chain: B: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase (aq_969) from aquifex aeolicus2 vf5
23	c2z0hA_	Alignment	not modelled	98.5	17	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase in complex with dtdp2 and adp from thermotoga maritima
24	c5uivA_	Alignment	not modelled	98.5	13	PDB header: transferase Chain: A: PDB Molecule: bifunctional thymidylate/uridylate kinase; PDBTitle: structure of thymidylate kinase from candida albicans reveals origin2 of broad substrate specificity and a novel structural element.
25	d1nn5a_	Alignment	not modelled	98.5	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
26	c6qp0A_	Alignment	not modelled	98.4	14	PDB header: rna binding protein Chain: A: PDB Molecule: putative chromatin binding protein; PDBTitle: crystal structure of chaetomium thermophilum kti12 in complex with2 adp-alf3
27	d1tmka_	Alignment	not modelled	98.4	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
28	c2jatA_	Alignment	not modelled	98.4	16	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

29	c2ccjA	Alignment	not modelled	98.3	19	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of s. aureus thymidylate kinase complexed2 with thymidine monophosphate
30	d1qf9a	Alignment	not modelled	98.3	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
31	c2wwiC	Alignment	not modelled	98.3	18	PDB header: transferase Chain: C: PDB Molecule: thymidilate kinase, putative; PDBTitle: plasmodium falciparum thymidilate kinase in complex with2 aztmp and adp
32	c3v9pA	Alignment	not modelled	98.2	17	PDB header: transferase Chain: A: PDB Molecule: thymidylate kinase; PDBTitle: crystal structure of thymidylate kinase from burkholderia2 thailandensis
33	c2bwjC	Alignment	not modelled	98.1	9	PDB header: transferase Chain: C: PDB Molecule: adenylate kinase 5; PDBTitle: structure of adenylate kinase 5
34	d1p6xa	Alignment	not modelled	98.1	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
35	d3adka	Alignment	not modelled	98.0	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
36	d1teva	Alignment	not modelled	98.0	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
37	c2yvua	Alignment	not modelled	98.0	20	PDB header: transferase Chain: A: PDB Molecule: probable adenyllyl-sulfate kinase; PDBTitle: crystal structure of ape1195
38	d1e2ka	Alignment	not modelled	98.0	23	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
39	c2ql6H	Alignment	not modelled	97.9	15	PDB header: signaling protein,transferase Chain: H: PDB Molecule: nicotinamide riboside kinase 1; PDBTitle: human nicotinamide riboside kinase (nrk1)
40	c3uieB	Alignment	not modelled	97.9	15	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: adenyllyl-sulfate kinase 1, chloroplastic; PDBTitle: crystal structure of adenosine 5'-phosphosulfate kinase from2 arabidopsis thaliana in complex with amppnp and aps
41	c2h92C	Alignment	not modelled	97.9	10	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
42	d1q3ta	Alignment	not modelled	97.9	7	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
43	d1knqa	Alignment	not modelled	97.8	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Gluconate kinase
44	c2rhmD	Alignment	not modelled	97.8	11	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
45	d1m7ga	Alignment	not modelled	97.8	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
46	c3lv8A	Alignment	not modelled	97.8	17	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
47	d1m8pa3	Alignment	not modelled	97.7	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
48	c3t61A	Alignment	not modelled	97.7	13	PDB header: transferase Chain: A: PDB Molecule: gluconokinase; PDBTitle: crystal structure of a gluconokinase from sinorhizobium meliloti 1021
49	c3akcA	Alignment	not modelled	97.6	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
50	d1p3ja1	Alignment	not modelled	97.5	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
51	c3umfA	Alignment	not modelled	97.5	15	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: schistosoma mansoni adenylate kinase
52	c3cm0A	Alignment	not modelled	97.5	13	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from thermus2 thermophilus hb8
53	d2cdna1	Alignment	not modelled	97.5	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
54	c2rh5B	Alignment	not modelled	97.4	21	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: structure of apo adenylate kinase from aquifex aeolicus
55	c4bzbB	Alignment	not modelled	97.4	16	PDB header: transferase Chain: B: PDB Molecule: bifunctional enzyme cysn/cysc; PDBTitle: structure of the mycobacterium tuberculosis aps kinase

						cysc2 in complex with adp
56	d1ak2a1	Alignment	not modelled	97.3	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
57	c5lc5O	Alignment	not modelled	97.2	16	PDB header: oxidoreductase Chain: O: PDB Molecule: nadh dehydrogenase [ubiquinone] 1 alpha subcomplex subunit PDBTitle: structure of mammalian respiratory complex i, class2
58	d1nk5a	Alignment	not modelled	97.2	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
59	c1qhiA	Alignment	not modelled	97.2	24	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
60	c3c8uA	Alignment	not modelled	97.2	15	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
61	d1y63a	Alignment	not modelled	97.2	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
62	c4nu0B	Alignment	not modelled	97.1	16	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from streptococcus pneumoniae2 with ap5a
63	d1khta	Alignment	not modelled	97.1	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
64	d1ki9a	Alignment	not modelled	97.1	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
65	d1ukza	Alignment	not modelled	97.1	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
66	c5ldxO	Alignment	not modelled	97.0	16	PDB header: oxidoreductase Chain: O: PDB Molecule: nadh dehydrogenase [ubiquinone] 1 alpha subcomplex subunit PDBTitle: structure of mammalian respiratory complex i, class3.
67	c5ldwO	Alignment	not modelled	97.0	16	PDB header: oxidoreductase Chain: O: PDB Molecule: nadh dehydrogenase [ubiquinone] 1 alpha subcomplex subunit PDBTitle: structure of mammalian respiratory complex i, class1
68	d1yj5a2	Alignment	not modelled	96.9	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
69	d1m7gb	Alignment	not modelled	96.8	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'-phosphosulfate kinase (APS kinase)
70	c5cb6A	Alignment	not modelled	96.8	16	PDB header: transferase Chain: A: PDB Molecule: probable adenylyl-sulfate kinase; PDBTitle: structure of adenosine-5'-phosphosulfate kinase
71	d1s3ga1	Alignment	not modelled	96.8	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
72	c1m8pB	Alignment	not modelled	96.8	17	PDB header: transferase Chain: B: PDB Molecule: sulfate adenylyltransferase; PDBTitle: crystal structure of p. chrysogenum atp sulfurylase in the t-state
73	c3asyB	Alignment	not modelled	96.7	17	PDB header: transferase Chain: B: PDB Molecule: uridine kinase; PDBTitle: ligand-free structure of uridine kinase from thermus thermophilus hb8
74	c2ia5C	Alignment	not modelled	96.6	14	PDB header: transferase Chain: C: PDB Molecule: polynucleotide kinase; PDBTitle: t4 polynucleotide kinase/phosphatase with bound sulfate and magnesium.
75	c4pzlC	Alignment	not modelled	96.5	16	PDB header: transferase Chain: C: PDB Molecule: adenylate kinase; PDBTitle: the crystal structure of adenylate kinase from francisella tularensis2 subsp. tularensis schu s4
76	d1akya1	Alignment	not modelled	96.5	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
77	c2ak2A	Alignment	not modelled	96.5	13	PDB header: phosphotransferase Chain: A: PDB Molecule: adenylate kinase isoenzyme-2; PDBTitle: adenylate kinase isoenzyme-2
78	c1ueiB	Alignment	not modelled	96.3	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
79	d1k6ma1	Alignment	not modelled	96.3	12	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
80	d1zina1	Alignment	not modelled	96.2	10	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
81	c1zuiA	Alignment	not modelled	96.2	15	PDB header: transferase Chain: A: PDB Molecule: shikimate kinase; PDBTitle: structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase

82	c3tlxA	Alignment	not modelled	96.2	15	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 2; PDBTitle: crystal structure of pf10_0086, adenylate kinase from plasmodium2 falciparum
83	c3h0kA	Alignment	not modelled	96.2	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: upf0200 protein sso1041; PDBTitle: crystal structure of an adenylated kinase related protein from2 sulfobolbus solfataricus to 3.25a
84	c4gp6A	Alignment	not modelled	96.0	13	PDB header: transferase Chain: A: PDB Molecule: metallophosphoesterase; PDBTitle: polynucleotide kinase
85	c1ly1A	Alignment	not modelled	96.0	13	PDB header: transferase Chain: A: PDB Molecule: polynucleotide kinase; PDBTitle: structure and mechanism of t4 polynucleotide kinase
86	d1ly1a	Alignment	not modelled	96.0	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
87	d2ak3a1	Alignment	not modelled	96.0	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
88	c4cw7A	Alignment	not modelled	95.8	15	PDB header: transferase Chain: A: PDB Molecule: putative adenylate kinase; PDBTitle: structure of the fap7-rps14 complex in complex with atp
89	c2eu8B	Alignment	not modelled	95.8	18	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of a thermostable mutant of bacillus2 subtilis adenylate kinase (q199r)
90	c2vliB	Alignment	not modelled	95.7	14	PDB header: transferase Chain: B: PDB Molecule: antibiotic resistance protein; PDBTitle: structure of deinococcus radiodurans tunicamycin resistance protein
91	d1bifa1	Alignment	not modelled	95.7	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
92	c2xb4A	Alignment	not modelled	95.7	11	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structures of zinc containing adenylate kinase from2 desulfovibrio gigas
93	d1qhxA	Alignment	not modelled	95.7	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Chloramphenicol phosphotransferase
94	c2ilvB	Alignment	not modelled	95.4	16	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
95	d1ckeA	Alignment	not modelled	95.4	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
96	c4xrpA	Alignment	not modelled	95.3	18	PDB header: protein binding Chain: A: PDB Molecule: pnpk1; PDBTitle: structure of the pnpk1/rnl/hen1 rna repair complex
97	d1zpa1	Alignment	not modelled	95.3	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
98	c3nwjB	Alignment	not modelled	95.2	14	PDB header: transferase Chain: B: PDB Molecule: atsk2; PDBTitle: crystal structure of shikimate kinase from arabidopsis thaliana2 (atsk2)
99	c2pt5D	Alignment	not modelled	95.1	14	PDB header: transferase Chain: D: PDB Molecule: shikimate kinase; PDBTitle: crystal structure of shikimate kinase (aq_2177) from aquifex aeolicus2 vf5
100	c6b8vA	Alignment	not modelled	95.1	14	PDB header: transferase Chain: A: PDB Molecule: adenylsulfate kinase; PDBTitle: crystal structure of adenylsulfate kinase from cryptococcus2 neoformans
101	c2gksB	Alignment	not modelled	95.0	13	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
102	d1x6va3	Alignment	not modelled	95.0	21	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
103	d1e6ca	Alignment	not modelled	95.0	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
104	d1zaka1	Alignment	not modelled	94.9	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
105	c2gaaA	Alignment	not modelled	94.8	27	PDB header: unknown function Chain: A: PDB Molecule: hypothetical 39.9 kda protein; PDBTitle: crystal structure of yfh7 from saccharomyces cerevisiae: a2 putative p-loop containing kinase with a circular3 permutation.
106	d2bdta1	Alignment	not modelled	94.8	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
107	d1kaga	Alignment	not modelled	94.7	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
108	d1e4va1	Alignment	not modelled	94.7	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases

109	d1rkba_	Alignment	not modelled	94.6	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
110	d1uj2a_	Alignment	not modelled	94.5	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Phosphoribulokinase/pantothenate kinase
111	c3trfB_	Alignment	not modelled	94.4	13	PDB header: transferase Chain: B: PDB Molecule: shikimate kinase; PDBTitle: structure of a shikimate kinase (arok) from coxiella burnetii
112	c3zymA_	Alignment	not modelled	94.3	20	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
113	c1lw7A_	Alignment	not modelled	94.2	12	PDB header: transferase Chain: A: PDB Molecule: transcriptional regulator nadr; PDBTitle: nadr protein from haemophilus influenzae
114	c3hdtB_	Alignment	not modelled	94.2	12	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative kinase; PDBTitle: crystal structure of putative kinase from clostridium symbiosum atcc2 14940
115	d1viaa_	Alignment	not modelled	94.1	12	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
116	c3akyA_	Alignment	not modelled	94.0	20	PDB header: adenylate kinase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: stability, activity and structure of adenylate kinase2 mutants
117	d1lw7a2	Alignment	not modelled	93.7	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
118	c6gveG_	Alignment	not modelled	93.6	18	PDB header: photosynthesis Chain: G: PDB Molecule: phosphoribulokinase; PDBTitle: gapdh-cp12-prk complex
119	d1rz3a_	Alignment	not modelled	93.4	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Phosphoribulokinase/pantothenate kinase
120	c4y0aA_	Alignment	not modelled	93.3	20	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: shikimate kinase; PDBTitle: shikimate kinase from acinetobacter baumannii in complex with2 shikimate