
























Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3ztqC_	 Alignment		100.0	39	PDB header: transferase Chain: C: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: hexagonal crystal form p61 of the aquifex aeolicus nucleoside2 diphosphate kinase
2	d1u8wa_	 Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
3	c3mpdA_	 Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside diphosphate kinase from2 encephalitozoon cuniculi, cubic form, apo
4	d3bbba1	 Alignment		100.0	32	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
5	d1pkua1	 Alignment		100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
6	d1nhkl_	 Alignment		100.0	32	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
7	c2hurF_	 Alignment		100.0	39	PDB header: signaling protein,transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: escherichia coli nucleoside diphosphate kinase
8	c3ngtj_	 Alignment		100.0	32	PDB header: transferase Chain: J: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure of leishmania ndkb complexed with amp.
9	c3q89H_	 Alignment		100.0	30	PDB header: transferase Chain: H: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of staphylococcus aureus nucleoside diphosphate2 kinase complexed with cdp
10	d1xiqa_	 Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
11	d1s57a_	 Alignment		100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK

12	d1ucna_	Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
13	c3js9A_	Alignment		100.0	23	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase family protein; PDBTitle: crystal structure of nucleoside diphosphate kinase family protein from2 babesia bovis
14	c4dutA_	Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: the structure of nucleoside diphosphate kinase (ndk) from burkholderia2 thailandensis
15	d1w7wa_	Alignment		100.0	27	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
16	d1ehwa_	Alignment		100.0	31	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
17	d1be4a_	Alignment		100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
18	d1hlwa_	Alignment		100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
19	d1nb2a_	Alignment		100.0	28	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
20	d2dyaa1	Alignment		100.0	31	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
21	c2vu5A_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of pndk from bacillus anthracis
22	c4di6F_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside-diphosphate kinase from borrelia2 burgdorferi
23	d1k44a_	Alignment	not modelled	100.0	36	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
24	c1w7wF_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure and mutational analysis of a plant mitochondrial2 nucleoside diphosphate kinase: identification of residues3 involved in serine phosphorylation and oligomerization.
25	d2az3a1	Alignment	not modelled	100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
26	d1xqia1	Alignment	not modelled	100.0	39	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
27	d1zs6a1	Alignment	not modelled	100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
28	d1wkja1	Alignment	not modelled	100.0	32	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
						Fold: Ferredoxin-like

29	d1nsqa_	Alignment	not modelled	100.0	30	Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
30	d2b8qa1	Alignment	not modelled	100.0	29	Fold: Ferredoxin-like Superfamily: Nucleoside diphosphate kinase, NDK Family: Nucleoside diphosphate kinase, NDK
31	c3b6bF_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: F: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of acanthamoeba polyphaga mimivirus2 nucleoside diphosphate kinase complexed with dgdp
32	c2az1B_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: B: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: structure of a halophilic nucleoside diphosphate kinase2 from halobacterium salinarum
33	c3b54A_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: saccharomyces cerevisiae nucleoside diphosphate kinase
34	c3r9lA_	Alignment	not modelled	100.0	35	PDB header: transferase Chain: A: PDB Molecule: nucleoside diphosphate kinase; PDBTitle: crystal structure of nucleoside diphosphate kinase from giardia2 lamblia featuring a disordered dinucleotide binding site
35	c3g36D_	Alignment		99.4	37	PDB header: nuclear protein Chain: D: PDB Molecule: protein dpy-30 homolog; PDBTitle: crystal structure of the human dpy-30-like c-terminal domain
36	c2bx6A_	Alignment	not modelled	98.1	21	PDB header: transduction protein Chain: A: PDB Molecule: xrp2 protein; PDBTitle: crystal structure of the human retinitis pigmentosa2 protein 2 (rp2)
37	d2ezwa1	Alignment	not modelled	93.9	26	Fold: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Superfamily: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Family: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit
38	d2hwna1	Alignment	not modelled	60.3	31	Fold: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Superfamily: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Family: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit
39	d1r2aa_	Alignment	not modelled	58.0	31	Fold: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Superfamily: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit Family: Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit
40	c1y7pB_	Alignment	not modelled	57.1	17	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: hypothetical protein af1403; PDBTitle: 1.9 a crystal structure of a protein of unknown function2 af1403 from archaeoglobus fulgidus, probable metabolic3 regulator
41	c3p04A_	Alignment	not modelled	39.7	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized bcr; PDBTitle: crystal structure of the bcr protein from corynebacterium glutamicum.2 northeast structural genomics consortium target cgr8
42	c2rd5D_	Alignment	not modelled	34.8	23	PDB header: protein binding Chain: D: PDB Molecule: pii protein; PDBTitle: structural basis for the regulation of n-acetylglutamate kinase by pii2 in arabidopsis thaliana
43	d1lukxa_	Alignment	not modelled	32.8	22	Fold: UBC-like Superfamily: UBC-like Family: RWD domain
44	d2fgca1	Alignment	not modelled	27.0	22	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
45	c3bqsB_	Alignment	not modelled	25.3	10	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of an uncharacterized protein from2 listeria monocytogenes, trigonal form
46	d2fi0a1	Alignment	not modelled	17.1	12	Fold: SP0561-like Superfamily: SP0561-like Family: SP0561-like
47	d1nfpa_	Alignment	not modelled	16.2	8	Fold: TIM beta/alpha-barrel Superfamily: Bacterial luciferase-like Family: Non-fluorescent flavoprotein (LuxF, FP390)
48	c4dhdA_	Alignment	not modelled	15.8	18	PDB header: transferase Chain: A: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of isoprenoid synthase a3msh1 (target efi-501992)2 from pyrobaculum calidifontis
49	c2ebkA_	Alignment	not modelled	15.4	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: rwd domain-containing protein 3; PDBTitle: solution structure of the rwd domain of human rwd domain2 containing protein 3
50	d1kvka2	Alignment	not modelled	13.4	18	Fold: Ferredoxin-like Superfamily: GHMP Kinase, C-terminal domain Family: Mevalonate kinase
51	d1d8ja_	Alignment	not modelled	12.8	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: The central core domain of TFIIE beta
52	d1ydlal	Alignment	not modelled	12.3	11	Fold: TFB5-like Superfamily: TFB5-like Family: TFB5-like

53	d1wdcc_	Alignment	not modelled	12.2	27	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
54	c2z62A_	Alignment	not modelled	11.4	24	PDB header: immune system Chain: A: PDB Molecule: toll-like receptor 4, variable lymphocyte receptor b; PDBTitle: crystal structure of the tv3 hybrid of human tlr4 and hagfish vlrb.61
55	c1yfdA_	Alignment	not modelled	11.3	19	PDB header: oxidoreductase Chain: A: PDB Molecule: ribonucleoside-diphosphate reductase 1 beta PDBTitle: crystal structure of the y122h mutant of ribonucleotide2 reductase r2 protein from e. coli
56	c2qnfB_	Alignment	not modelled	10.8	23	PDB header: hydrolase/dna Chain: B: PDB Molecule: recombination endonuclease vii; PDBTitle: crystal structure of t4 endonuclease vii h43n mutant in2 complex with heteroduplex dna containing base mismatches
57	c4a1qB_	Alignment	not modelled	10.7	30	PDB header: viral protein Chain: B: PDB Molecule: orf e73; PDBTitle: solution structure of e73 protein from sulfolobus spindle-2 shaped virus ragged hills, a hyperthermophilic3 crenarchaeal virus from yellowstone national park
58	c1go4F_	Alignment	not modelled	9.8	23	PDB header: cell cycle Chain: F: PDB Molecule: mad1 (mitotic arrest deficient)-like 1; PDBTitle: crystal structure of mad1-mad2 reveals a conserved mad22 binding motif in mad1 and cdc20.
59	d1whza_	Alignment	not modelled	9.8	25	Fold: dsRBD-like Superfamily: YcfA/nrd intein domain Family: YcfA-like
60	d2dawa1	Alignment	not modelled	9.8	20	Fold: UBC-like Superfamily: UBC-like Family: RWD domain
61	c3bq3A_	Alignment	not modelled	9.3	13	PDB header: cell cycle, ligase Chain: A: PDB Molecule: defective in cullin neddylation protein 1; PDBTitle: crystal structure of s. cerevisiae dcn1
62	d2f06a1	Alignment	not modelled	9.2	10	Fold: Ferredoxin-like Superfamily: ACT-like Family: BT0572-like
63	c2a3lA_	Alignment	not modelled	9.2	25	PDB header: hydrolase Chain: A: PDB Molecule: amp deaminase; PDBTitle: x-ray structure of adenosine 5'-monophosphate deaminase from2 arabidopsis thaliana in complex with coformycin 5'-phosphate
64	d2a3la1	Alignment	not modelled	9.2	25	Fold: TIM beta/alpha-barrel Superfamily: Metallo-dependent hydrolases Family: Adenosine/AMP deaminase
65	d1d02a_	Alignment	not modelled	8.5	36	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Restriction endonuclease Munt1
66	d2f1fa2	Alignment	not modelled	8.1	12	Fold: Ferredoxin-like Superfamily: ACT-like Family: IlvH-like
67	c4dbgB_	Alignment	not modelled	7.9	33	PDB header: ligase Chain: B: PDB Molecule: ring finger protein 31; PDBTitle: crystal structure of hoil-1l-ubl complexed with a hoip-uba derivative
68	d1br1b_	Alignment	not modelled	7.8	20	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
69	d1bg6a2	Alignment	not modelled	7.4	13	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: 6-phosphogluconate dehydrogenase-like, N-terminal domain
70	c3dgpB_	Alignment	not modelled	7.3	14	PDB header: transcription Chain: B: PDB Molecule: rna polymerase ii transcription factor b subunit 5; PDBTitle: crystal structure of the complex between tfb5 and the c-terminal2 domain of tfb2
71	c2daeA_	Alignment	not modelled	7.3	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: kiaa0733 protein; PDBTitle: solution structure of the n-terminal cue domain in the2 human mitogen-activated protein kinase kinase kinase 73 interacting protein 2 (map3k7ip2)
72	d1dzfa1	Alignment	not modelled	7.3	14	Fold: Restriction endonuclease-like Superfamily: Eukaryotic RPB5 N-terminal domain Family: Eukaryotic RPB5 N-terminal domain
73	c3zvrA_	Alignment	not modelled	6.7	24	PDB header: hydrolase Chain: A: PDB Molecule: dynamin-1; PDBTitle: crystal structure of dynamin
74	d2i5nh2	Alignment	not modelled	6.3	33	Fold: Single transmembrane helix Superfamily: Photosystem II reaction centre subunit H, transmembrane region Family: Photosystem II reaction centre subunit H, transmembrane region
75	d2nrqa1	Alignment	not modelled	6.3	19	Fold: RL5-like Superfamily: RL5-like Family: SSO1042-like
76	d2daya1	Alignment	not modelled	6.2	18	Fold: UBC-like Superfamily: UBC-like Family: RWD domain
77	c2yz0A_	Alignment	not modelled	6.2	8	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase gcn2; PDBTitle: solution structure of rwd/gi domain of saccharomyces2 cerevisiae gcn2

78	c3owpB	Alignment	not modelled	6.1	45	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: camp-dependent protein kinase inhibitor alpha; PDBTitle: human camp-dependent protein kinase in complex with an inhibitor
79	c3fjqL	Alignment	not modelled	6.1	45	PDB header: transferase Chain: I: PDB Molecule: camp-dependent protein kinase inhibitor alpha; PDBTitle: crystal structure of camp-dependent protein kinase catalytic2 subunit alpha in complex with peptide inhibitor pki alpha3 (6-25)
80	c3pooB	Alignment	not modelled	6.1	45	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: camp-dependent protein kinase inhibitor alpha; PDBTitle: human camp-dependent protein kinase in complex with an inhibitor
81	c1svhB	Alignment	not modelled	6.1	45	PDB header: transferase Chain: B: PDB Molecule: camp-dependent protein kinase inhibitor, alpha PDBTitle: crystal structure of protein kinase a in complex with2 azepane derivative 8
82	c3e8cJ	Alignment	not modelled	6.1	45	PDB header: transferase Chain: J: PDB Molecule: camp-dependent protein kinase inhibitor peptide; PDBTitle: crystal structures of the kinase domain of pka in complex with atp-2 competitive inhibitors
83	c3p0mB	Alignment	not modelled	6.1	45	PDB header: transferase Chain: B: PDB Molecule: camp-dependent protein kinase inhibitor alpha; PDBTitle: human camp-dependent protein kinase in complex with an inhibitor
84	c1sveB	Alignment	not modelled	6.1	45	PDB header: transferase Chain: B: PDB Molecule: camp-dependent protein kinase inhibitor, alpha PDBTitle: crystal structure of protein kinase a in complex with2 azepane derivative 1
85	c1yg0A	Alignment	not modelled	6.0	25	PDB header: metal transport Chain: A: PDB Molecule: cop associated protein; PDBTitle: solution structure of apo-copp from helicobacter pylori
86	d1g7sa3	Alignment	not modelled	5.9	15	Fold: Initiation factor IF2/eIF5b, domain 3 Superfamily: Initiation factor IF2/eIF5b, domain 3 Family: Initiation factor IF2/eIF5b, domain 3
87	c1kxfA	Alignment	not modelled	5.8	29	PDB header: viral protein Chain: A: PDB Molecule: sindbis virus capsid protein; PDBTitle: sindbis virus capsid, (wild-type) residues 1-264,2 tetragonal crystal form (form ii)
88	c30dnA	Alignment	not modelled	5.7	25	PDB header: membrane protein Chain: A: PDB Molecule: dally-like protein; PDBTitle: the crystal structure of drosophila dally-like protein core domain
89	d2nlyA1	Alignment	not modelled	5.7	16	Fold: 7-stranded beta/alpha barrel Superfamily: Glycoside hydrolase/deacetylase Family: Divergent polysaccharide deacetylase
90	d1ep5a	Alignment	not modelled	5.7	24	Fold: Trypsin-like serine proteases Superfamily: Trypsin-like serine proteases Family: Viral proteases
91	d1ywx1	Alignment	not modelled	5.6	20	Fold: Ribosomal proteins S24e, L23 and L15e Superfamily: Ribosomal proteins S24e, L23 and L15e Family: Ribosomal protein S24e
92	c2xecD	Alignment	not modelled	5.6	22	PDB header: isomerase Chain: D: PDB Molecule: putative maleate isomerase; PDBTitle: nocardia farcinica maleate cis-trans isomerase bound to2 tris
93	d1ufza	Alignment	not modelled	5.6	11	Fold: RuvA C-terminal domain-like Superfamily: HBS1-like domain Family: HBS1-like domain
94	c2yewG	Alignment	not modelled	5.4	29	PDB header: virus Chain: G: PDB Molecule: capsid protein; PDBTitle: modeling barmah forest virus structural proteins
95	c3re1B	Alignment	not modelled	5.3	18	PDB header: lyase Chain: B: PDB Molecule: uroporphyrinogen-iii synthetase; PDBTitle: crystal structure of uroporphyrinogen iii synthase from pseudomonas2 syringae pv. tomato dc3000
96	d1wgla	Alignment	not modelled	5.3	23	Fold: RuvA C-terminal domain-like Superfamily: UBA-like Family: CUE domain
97	d2g7oa1	Alignment	not modelled	5.3	23	Fold: TraM-like Superfamily: TraM-like Family: TraM-like
98	c3ceuA	Alignment	not modelled	5.3	18	PDB header: transferase Chain: A: PDB Molecule: thiamine phosphate pyrophosphorylase; PDBTitle: crystal structure of thiamine phosphate pyrophosphorylase2 (bt 0647) from bacteroides thetaiotaomicron. northeast3 structural genomics consortium target btr268
99	c3h2bB	Alignment	not modelled	5.2	15	PDB header: transferase Chain: B: PDB Molecule: sam-dependent methyltransferase; PDBTitle: crystal structure of the sam-dependent methyltransferase2 cg3271 from corynebacterium glutamicum in complex with s-3 adenosyl-l-homocysteine and pyrophosphate. northeast4 structural genomics consortium target cgr113a