









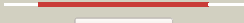













#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1e19a_	 Alignment		100.0	37	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: Carbamate kinase
2	c2e9yA_	 Alignment		100.0	41	PDB header: transferase Chain: A: PDB Molecule: carbamate kinase; PDBTitle: crystal structure of project ape1968 from aeropyrum pernix k1
3	d1b7ba_	 Alignment		100.0	40	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: Carbamate kinase
4	c3kzfc_	 Alignment		100.0	39	PDB header: transferase Chain: C: PDB Molecule: carbamate kinase; PDBTitle: structure of giardia carbamate kinase
5	c2rd5A_	 Alignment		100.0	26	PDB header: protein binding Chain: A: PDB Molecule: acetylglutamate kinase-like protein; PDBTitle: structural basis for the regulation of n-acetylglutamate kinase by pii2 in arabidopsis thaliana
6	d2ap9a1	 Alignment		100.0	20	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: N-acetyl-l-glutamate kinase
7	c2r98A_	 Alignment		100.0	18	PDB header: transferase Chain: A: PDB Molecule: putative acetylglutamate synthase; PDBTitle: crystal structure of n-acetylglutamate synthase (selenomet2 substituted) from neisseria gonorrhoeae
8	d2bufa1	 Alignment		100.0	21	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: N-acetyl-l-glutamate kinase
9	c2v5hB_	 Alignment		100.0	23	PDB header: transcription Chain: B: PDB Molecule: acetylglutamate kinase; PDBTitle: controlling the storage of nitrogen as arginine: the2 complex of pii and acetylglutamate kinase from3 synechococcus elongatus pcc 7942
10	d2btya1	 Alignment		100.0	24	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: N-acetyl-l-glutamate kinase
11	d1gs5a_	 Alignment		100.0	24	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: N-acetyl-l-glutamate kinase

12	c3l86A_	Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: acetylglutamate kinase; PDBTitle: the crystal structure of smu.665 from streptococcus mutans ua159
13	c2j5tF_	Alignment		100.0	24	PDB header: transferase Chain: F: PDB Molecule: glutamate 5-kinase; PDBTitle: glutamate 5-kinase from escherichia coli complexed with2 glutamate
14	c2egxA_	Alignment		100.0	21	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative acetylglutamate kinase; PDBTitle: crystal structure of the putative acetylglutamate kinase from thermus2 thermophilus
15	c2w21A_	Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: glutamate 5-kinase; PDBTitle: crystal structure of the aminoacid kinase domain of the2 glutamate 5 kinase of escherichia coli.
16	d2hmfal	Alignment		100.0	17	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
17	d1ybdal	Alignment		100.0	20	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
18	d2bnea1	Alignment		100.0	21	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
19	d1z9da1	Alignment		100.0	19	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
20	c3l15C_	Alignment		100.0	20	PDB header: transferase Chain: C: PDB Molecule: gamma-glutamyl kinase related protein; PDBTitle: crystal structure of t. acidophilum isopentenyl phosphate kinase2 product complex
21	c2jjxC_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: C: PDB Molecule: uridylyate kinase; PDBTitle: the crystal structure of ump kinase from bacillus anthracis2 (ba1797)
22	d2akoa1	Alignment	not modelled	100.0	19	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
23	c3c1nA_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: probable aspartokinase; PDBTitle: crystal structure of allosteric inhibition threonine-sensitive2 aspartokinase from methanococcus jannaschii with l-threonine
24	c3ek5A_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: uridylyate kinase; PDBTitle: unique gtp-binding pocket and allostery of ump kinase from a gram-2 negative phytopathogen bacterium
25	c3nwyB_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B: PDB Molecule: uridylyate kinase; PDBTitle: structure and allosteric regulation of the uridine monophosphate2 kinase from mycobacterium tuberculosis
26	c3l19A_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: isopentenyl phosphate kinase; PDBTitle: x-ray structures of isopentenyl phosphate kinase
27	c3l76B_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: B: PDB Molecule: aspartokinase; PDBTitle: crystal structure of aspartate kinase from synechocystis
28	c3k4yB_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: B: PDB Molecule: isopentenyl phosphate kinase; PDBTitle: crystal structure of isopentenyl phosphate kinase from m. jannaschii2 in complex with ipp

29	d2j0wa1	Alignment	not modelled	100.0	16	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
30	d2cdqa1	Alignment	not modelled	100.0	14	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
31	d2ij9a1	Alignment	not modelled	100.0	26	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
32	c3d40A	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: foma protein; PDBTitle: crystal structure of fosfomycin resistance kinase foma from2 streptomyces wedmorensis complexed with diphosphate
33	c2cdqB	Alignment	not modelled	100.0	14	PDB header: transferase Chain: B: PDB Molecule: aspartokinase; PDBTitle: crystal structure of arabidopsis thaliana aspartate kinase2 complexed with lysine and s-adenosylmethionine
34	d2a1fa1	Alignment	not modelled	100.0	20	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
35	d2brxa1	Alignment	not modelled	100.0	24	Fold: Carbamate kinase-like Superfamily: Carbamate kinase-like Family: PyrH-like
36	c2ogxB	Alignment	not modelled	100.0	22	PDB header: metal binding protein Chain: B: PDB Molecule: molybdenum storage protein subunit beta; PDBTitle: the crystal structure of the molybdenum storage protein from2 azotobacter vinelandii loaded with polyoxotungstates (wsto)
37	c2ogxA	Alignment	not modelled	100.0	24	PDB header: metal binding protein Chain: A: PDB Molecule: molybdenum storage protein subunit alpha; PDBTitle: the crystal structure of the molybdenum storage protein from2 azotobacter vinelandii loaded with polyoxotungstates (wsto)
38	c2j0wA	Alignment	not modelled	100.0	15	PDB header: transferase Chain: A: PDB Molecule: lysine-sensitive aspartokinase 3; PDBTitle: crystal structure of e. coli aspartokinase iii in complex2 with aspartate and adp (r-state)
39	c3ab4K	Alignment	not modelled	100.0	22	PDB header: transferase Chain: K: PDB Molecule: aspartokinase; PDBTitle: crystal structure of feedback inhibition resistant mutant of aspartate2 kinase from corynebacterium glutamicum in complex with lysine and3 threonine
40	c2va1A	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: uridylyate kinase; PDBTitle: crystal structure of ump kinase from ureaplasma parvum
41	c2j4kC	Alignment	not modelled	100.0	27	PDB header: transferase Chain: C: PDB Molecule: uridylyate kinase; PDBTitle: crystal structure of uridylyate kinase from sulfolobus2 solfataricus in complex with ump to 2.2 angstrom3 resolution
42	c2vcbA	Alignment	not modelled	72.0	16	PDB header: hydrolase Chain: A: PDB Molecule: alpha-n-acetylglucosaminidase; PDBTitle: family 89 glycoside hydrolase from clostridium perfringens2 in complex with pugnac
43	d2nx2a1	Alignment	not modelled	67.0	20	Fold: MCP/YpsA-like Superfamily: MCP/YpsA-like Family: YpsA-like
44	c3bq9A	Alignment	not modelled	63.4	28	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted rossmann fold nucleotide-binding domain- PDBTitle: crystal structure of predicted nucleotide-binding protein from2 idiomarina baltica os145
45	d1ydha	Alignment	not modelled	52.5	21	Fold: MCP/YpsA-like Superfamily: MCP/YpsA-like Family: MoCo carrier protein-like
46	c2q4dB	Alignment	not modelled	49.6	21	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: lysine decarboxylase-like protein at5g11950; PDBTitle: ensemble refinement of the crystal structure of a lysine2 decarboxylase-like protein from arabidopsis thaliana gene at5g11950
47	d2q4oa1	Alignment	not modelled	42.4	17	Fold: MCP/YpsA-like Superfamily: MCP/YpsA-like Family: MoCo carrier protein-like
48	c2q4oA	Alignment	not modelled	42.4	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein at2g37210/t2n18.3; PDBTitle: ensemble refinement of the crystal structure of a lysine2 decarboxylase-like protein from arabidopsis thaliana gene at2g37210
49	d1xpja	Alignment	not modelled	42.1	17	Fold: HAD-like Superfamily: HAD-like Family: Hypothetical protein VC0232
50	d2b0ja2	Alignment	not modelled	31.4	20	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: 6-phosphogluconate dehydrogenase-like, N-terminal domain
51	c2ejbA	Alignment	not modelled	25.4	16	PDB header: lyase Chain: A: PDB Molecule: probable aromatic acid decarboxylase; PDBTitle: crystal structure of phenylacrylic acid decarboxylase from2 aquifex aeolicus
52	c3f46A	Alignment	not modelled	22.3	20	PDB header: oxidoreductase Chain: A: PDB Molecule: 5,10-methenyltetrahydromethanopterin hydrogenase; PDBTitle: the crystal structure of c176a mutated [fe]-hydrogenase (hmd)2 holoenzyme from methanocaldococcus jannaschii
						PDB header: hydrolase

78	d1t35a_	Alignment	not modelled	7.9	14	Superfamily: MCP/YpsA-like Family: MoCo carrier protein-like
79	c3dhnA_	Alignment	not modelled	7.4	16	PDB header: isomerase, lyase Chain: A: PDB Molecule: nad-dependent epimerase/dehydratase; PDBTitle: crystal structure of the putative epimerase q89z24_bactn2 from bacteroides thetaiotaomicron. northeast structural3 genomics consortium target btr310.
80	c2p9jH_	Alignment	not modelled	7.2	13	PDB header: structural genomics, unknown function Chain: H: PDB Molecule: hypothetical protein aq2171; PDBTitle: crystal structure of aq2171 from aquifex aeolicus
81	c2qx0A_	Alignment	not modelled	7.1	29	PDB header: transferase Chain: A: PDB Molecule: 7,8-dihydro-6-hydroxymethylpterin- PDBTitle: crystal structure of yersinia pestis hppk (ternary complex)
82	c1t3mA_	Alignment	not modelled	7.0	13	PDB header: hydrolase Chain: A: PDB Molecule: putative l-asparaginase; PDBTitle: structure of the isoaspartyl peptidase with l-asparaginase2 activity from e. coli
83	c3quaA_	Alignment	not modelled	6.9	11	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of a putative uncharacterized protein and possible2 molybdenum cofactor protein from mycobacterium smegmatis
84	c2h29A_	Alignment	not modelled	6.7	50	PDB header: transferase Chain: A: PDB Molecule: probable nicotinate-nucleotide PDBTitle: crystal structure of nicotinic acid mononucleotide2 adenylyltransferase from staphylococcus aureus: product3 bound form 1
85	c3nd5D_	Alignment	not modelled	6.0	20	PDB header: transferase Chain: D: PDB Molecule: phosphopantetheine adenylyltransferase; PDBTitle: crystal structure of phosphopantetheine adenylyltransferase (ppat)2 from enterococcus faecalis
86	c3gh1A_	Alignment	not modelled	6.0	32	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted nucleotide-binding protein; PDBTitle: crystal structure of predicted nucleotide-binding protein from vibrio2 cholerae
87	d1wmaa1	Alignment	not modelled	5.9	24	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Tyrosine-dependent oxidoreductases
88	c1gph1_	Alignment	not modelled	5.9	22	PDB header: transferase(glutamine amidotransferase) Chain: 1: PDB Molecule: glutamine phosphoribosyl-pyrophosphate amidotransferase; PDBTitle: structure of the allosteric regulatory enzyme of purine biosynthesis
89	d3eeqa2	Alignment	not modelled	5.9	33	Fold: CbiG N-terminal domain-like Superfamily: CbiG N-terminal domain-like Family: CbiG N-terminal domain-like