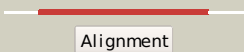

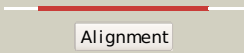







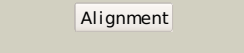

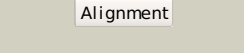

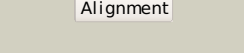



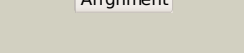

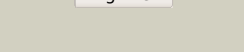




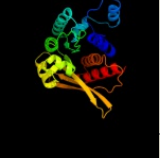
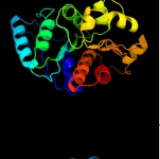
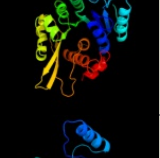
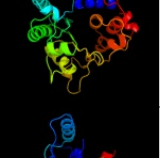
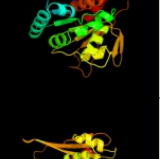
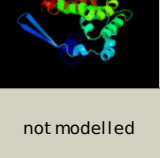


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1vi9a_	 Alignment		100.0	97	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: PfkB-like kinase
2	d1lhpa_	 Alignment		100.0	32	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: PfkB-like kinase
3	c3mbjA_	 Alignment		100.0	22	PDB header: transferase Chain: A: PDB Molecule: putative phosphomethylpyrimidine kinase; PDBTitle: crystal structure of a putative phosphomethylpyrimidine kinase2 (bt_4458) from bacteroides thetaiotaomicron vpi-5482 at 2.10 a3 resolution (rhombohedral form)
4	c2ddmA_	 Alignment		100.0	30	PDB header: transferase Chain: A: PDB Molecule: pyridoxine kinase; PDBTitle: crystal structure of pyridoxal kinase from the escherichia2 coli pdxk gene at 2.1 a resolution
5	c3ibqA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: pyridoxal kinase; PDBTitle: crystal structure of pyridoxal kinase from lactobacillus2 plantarum in complex with atp
6	c2i5bC_	 Alignment		100.0	18	PDB header: transferase Chain: C: PDB Molecule: phosphomethylpyrimidine kinase; PDBTitle: the crystal structure of an adp complex of bacillus2 subtilis pyridoxal kinase provides evidence for the3 parralel emergence of enzyme activity during evolution
7	c3rm5B_	 Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: hydroxymethylpyrimidine/phosphomethylpyrimidine kinase PDBTitle: structure of trifunctional thi20 from yeast
8	d1ub0a_	 Alignment		100.0	26	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
9	d1jxha_	 Alignment		100.0	21	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
10	d2abqa1	 Alignment		99.9	21	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
11	c2jg5B_	 Alignment		99.9	18	PDB header: transferase Chain: B: PDB Molecule: fructose 1-phosphate kinase; PDBTitle: crystal structure of a putative phosphofructokinase from2 staphylococcus aureus

12	d2afba1	Alignment		99.9	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
13	c3cqdB_	Alignment		99.9	19	PDB header: transferase Chain: B: PDB Molecule: 6-phosphofructokinase isozyme 2; PDBTitle: structure of the tetrameric inhibited form of 2-phosphofructokinase-2 from escherichia coli
14	d1rkda_	Alignment		99.9	24	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
15	c2qcvA_	Alignment		99.8	18	PDB header: transferase Chain: A: PDB Molecule: putative 5-dehydro-2-deoxygluconokinase; PDBTitle: crystal structure of a putative 5-dehydro-2-deoxygluconokinase (iolc)2 from bacillus halodurans c-125 at 1.90 a resolution
16	d2f02a1	Alignment		99.8	20	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
17	c2nwhA_	Alignment		99.8	22	PDB header: signaling protein,transferase Chain: A: PDB Molecule: carbohydrate kinase; PDBTitle: carbohydrate kinase from agrobacterium tumefaciens
18	c3pl2D_	Alignment		99.8	20	PDB header: transferase Chain: D: PDB Molecule: sugar kinase, ribokinase family; PDBTitle: crystal structure of a 5-keto-2-deoxygluconokinase (ncgl0155, cgl0158)2 from corynebacterium glutamicum atcc 13032 kitasato at 1.89 a3 resolution
19	c3looc_	Alignment		99.8	20	PDB header: transferase Chain: C: PDB Molecule: anopheles gambiae adenosine kinase; PDBTitle: crystal structure of anopheles gambiae adenosine kinase in complex2 with p1,p4-di(adenosine-5) tetraphosphate
20	c2xtbA_	Alignment		99.8	14	PDB header: transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of trypanosoma brucei rhodesiense2 adenosine kinase complexed with activator
21	c3kzhA_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: probable sugar kinase; PDBTitle: crystal structure of a putative sugar kinase from2 clostridium perfringens
22	c3iq0B_	Alignment	not modelled	99.8	17	PDB header: transferase Chain: B: PDB Molecule: putative ribokinase ii; PDBTitle: crystal structure of a putative ribokinase ii in complex2 with atp and mg+2 from e.coli
23	c2jg1C_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: C: PDB Molecule: tagatose-6-phosphate kinase; PDBTitle: structure of staphylococcus aureus d-tagatose-6-phosphate2 kinase with cofactor and substrate
24	c2pkkA_	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of m tuberculosis adenosine kinase complexed with 2-2 fluoro adenosine
25	d1v19a_	Alignment	not modelled	99.8	21	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
26	c2qhpA_	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: fructokinase; PDBTitle: crystal structure of fructokinase (np_810670.1) from bacteroides2 thetaiotaomicron vpi-5482 at 1.80 a resolution
27	c3ktnA_	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: carbohydrate kinase, pfkb family; PDBTitle: crystal structure of a putative 2-keto-3-deoxygluconate2 kinase from enterococcus faecalis
28	c3lhxA_	Alignment	not modelled	99.8	19	PDB header: transferase Chain: A: PDB Molecule: ketodeoxygluconokinase; PDBTitle: crystal structure of a ketodeoxygluconokinase (kdgk) from2 shigella flexneri

29	d2fv7a1	Alignment	not modelled	99.8	20	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
30	c2rbcA	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: sugar kinase; PDBTitle: crystal structure of a putative ribokinase from agrobacterium2 tumefaciens
31	c2c49A	Alignment	not modelled	99.8	17	PDB header: transferase Chain: A: PDB Molecule: sugar kinase mj0406; PDBTitle: crystal structure of methanocaldococcus jannaschii2 nucleoside kinase - an archaeal member of the ribokinase3 family
32	c3julA	Alignment	not modelled	99.8	22	PDB header: transferase Chain: A: PDB Molecule: lin2199 protein; PDBTitle: crystal structure of listeria innocua d-tagatose-6-phosphate2 kinase bound with substrate
33	d1bx4a	Alignment	not modelled	99.8	14	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
34	c3in1A	Alignment	not modelled	99.8	17	PDB header: transferase Chain: A: PDB Molecule: uncharacterized sugar kinase ydjh; PDBTitle: crystal structure of a putative ribokinase in complex with2 adp from e.coli
35	d2ajra1	Alignment	not modelled	99.8	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
36	d1tyya	Alignment	not modelled	99.8	17	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
37	c3b1qD	Alignment	not modelled	99.8	16	PDB header: transferase Chain: D: PDB Molecule: ribokinase, putative; PDBTitle: structure of burkholderia thailandensis nucleoside kinase (bthnk) in2 complex with inosine
38	d1kyha	Alignment	not modelled	99.7	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: YjeF C-terminal domain-like
39	c3dzvB	Alignment	not modelled	99.7	17	PDB header: transferase Chain: B: PDB Molecule: 4-methyl-5-(beta-hydroxyethyl)thiazole kinase; PDBTitle: crystal structure of 4-methyl-5-(beta-hydroxyethyl)thiazole2 kinase (np_816404.1) from enterococcus faecalis v583 at3 2.57 a resolution
40	c1tz6B	Alignment	not modelled	99.7	17	PDB header: transferase Chain: B: PDB Molecule: putative sugar kinase; PDBTitle: crystal structure of aminoimidazole riboside kinase from2 salmonella enterica complexed with aminoimidazole riboside3 and atp analog
41	c2varB	Alignment	not modelled	99.7	17	PDB header: transferase Chain: B: PDB Molecule: fructokinase; PDBTitle: crystal structure of sulfolobus solfataricus 2-keto-3-2 deoxygluconate kinase complexed with 2-keto-3-3 deoxygluconate
42	d2ax3a1	Alignment	not modelled	99.7	14	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: YjeF C-terminal domain-like
43	c2absA	Alignment	not modelled	99.7	13	PDB header: signaling protein,transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of t. gondii adenosine kinase complexed2 with amp-pcp
44	d2absa1	Alignment	not modelled	99.7	13	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
45	d1vk4a	Alignment	not modelled	99.7	15	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
46	d1vm7a	Alignment	not modelled	99.7	21	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
47	c2r3bA	Alignment	not modelled	99.7	18	PDB header: transferase Chain: A: PDB Molecule: yjef-related protein; PDBTitle: crystal structure of a ribokinase-like superfamily protein (ef1790)2 from enterococcus faecalis v583 at 1.80 a resolution
48	c3go6B	Alignment	not modelled	99.7	19	PDB header: transferase Chain: B: PDB Molecule: ribokinase rbsk; PDBTitle: crystal structure of m. tuberculosis ribokinase (rv2436) in2 complex with ribose and amp-pnp
49	c3b3lC	Alignment	not modelled	99.7	16	PDB header: transferase Chain: C: PDB Molecule: ketoheokinase; PDBTitle: crystal structures of alternatively-spliced isoforms of human2 ketoheokinase
50	c3hj6B	Alignment	not modelled	99.7	12	PDB header: transferase Chain: B: PDB Molecule: fructokinase; PDBTitle: structure of halothermothrix orenii fructokinase (frk)
51	d2dcna1	Alignment	not modelled	99.7	12	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
52	d1v8aa	Alignment	not modelled	99.6	15	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
53	c3lkiA	Alignment	not modelled	99.6	21	PDB header: transferase Chain: A: PDB Molecule: fructokinase; PDBTitle: crystal structure of fructokinase with bound atp from2 xylella fastidiosa
54	c3i3yB	Alignment	not modelled	99.6	19	PDB header: transferase Chain: B: PDB Molecule: carbohydrate kinase; PDBTitle: crystal structure of ribokinase in complex with d-ribose from2 klebsiella pneumoniae

55	c3kd6B_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: carbohydrate kinase, pfkb family; PDBTitle: crystal structure of nucleoside kinase from chlorobium tepidum in2 complex with amp
56	c3bf5A_	Alignment	not modelled	99.6	17	PDB header: transferase Chain: A: PDB Molecule: ribokinase related protein; PDBTitle: crystal structure of putative ribokinase (10640157) from thermoplasma2 acidophilum at 1.91 a resolution
57	c2ax3A_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein tm0922; PDBTitle: crystal structure of a putative carbohydrate kinase (tm0922) from2 thermotoga maritima msb8 at 2.25 a resolution
58	c3gbuD_	Alignment	not modelled	99.6	17	PDB header: transferase Chain: D: PDB Molecule: uncharacterized sugar kinase ph1459; PDBTitle: crystal structure of an uncharacterized sugar kinase ph1459 from2 pyrococcus horikoshii in complex with atp
59	c3bgkA_	Alignment	not modelled	99.6	18	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: the crystal structure of hypothetic protein smu.573 from2 streptococcus mutans
60	d1ekqa_	Alignment	not modelled	99.5	10	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
61	c3nm3D_	Alignment	not modelled	99.4	12	PDB header: transferase Chain: D: PDB Molecule: thiamine biosynthetic bifunctional enzyme; PDBTitle: the crystal structure of candida glabrata thi6, a bifunctional enzyme2 involved in thiamin biosynthesis of eukaryotes
62	c3k5wA_	Alignment	not modelled	99.2	16	PDB header: transferase Chain: A: PDB Molecule: carbohydrate kinase; PDBTitle: crystal structure of a carbohydrate kinase (yjef family)from2 helicobacter pylori
63	d1gc5a_	Alignment	not modelled	95.1	24	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
64	d1u2xa_	Alignment	not modelled	94.7	24	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
65	c3drwA_	Alignment	not modelled	94.3	23	PDB header: transferase Chain: A: PDB Molecule: adp-specific phosphofructokinase; PDBTitle: crystal structure of a phosphofructokinase from pyrococcus2 horikoshii ot3 with amp
66	d1l2la_	Alignment	not modelled	88.3	23	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
67	d1ua4a_	Alignment	not modelled	80.1	20	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
68	c3g8cB_	Alignment	not modelled	80.0	15	PDB header: ligase Chain: B: PDB Molecule: biotin carboxylase; PDBTitle: crystal stucture of biotin carboxylase in complex with2 biotin, bicarbonate, adp and mg ion
69	c3sc6F_	Alignment	not modelled	76.3	13	PDB header: oxidoreductase Chain: F: PDB Molecule: ddtp-4-dehydrorhamnose reductase; PDBTitle: 2.65 angstrom resolution crystal structure of dtdp-4-dehydrorhamnose2 reductase (rfbd) from bacillus anthracis str. ames in complex with3 nadp
70	c3ay3C_	Alignment	not modelled	74.8	19	PDB header: oxidoreductase Chain: C: PDB Molecule: nad-dependent epimerase/dehydratase; PDBTitle: crystal structure of glucuronic acid dehydrogeanse from2 chromohalobacter salexigens
71	c2weuD_	Alignment	not modelled	74.5	23	PDB header: antifungal protein Chain: D: PDB Molecule: tryptophan 5-halogenase; PDBTitle: crystal structure of tryptophan 5-halogenase (pyrh) complex2 with substrate tryptophan
72	c1ulzA_	Alignment	not modelled	73.1	15	PDB header: ligase Chain: A: PDB Molecule: pyruvate carboxylase n-terminal domain; PDBTitle: crystal structure of the biotin carboxylase subunit of pyruvate2 carboxylase
73	c3dhnA_	Alignment	not modelled	70.6	19	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.
74	c2gpwC_	Alignment	not modelled	69.6	15	PDB header: ligase Chain: C: PDB Molecule: biotin carboxylase; PDBTitle: crystal structure of the biotin carboxylase subunit, f363a2 mutant, of acetyl-coa carboxylase from escherichia coli.
75	d2b7oa1	Alignment	not modelled	60.8	25	Fold: TIM beta/alpha-barrel Superfamily: Aldolase Family: Class-II DAHP synthetase
76	c3d8xB_	Alignment	not modelled	56.2	19	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin reductase 1; PDBTitle: crystal structure of saccharomyces cerevisiae nadph dependent2 thioredoxin reductase 1
77	d1seza1	Alignment	not modelled	55.1	31	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD-linked reductases, N-terminal domain
78	c2a87A_	Alignment	not modelled	54.5	23	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: crystal structure of m. tuberculosis thioredoxin reductase
79	c3gpiA_	Alignment	not modelled	54.2	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: nad-dependent epimerase/dehydratase; PDBTitle: structure of putative nad-dependent epimerase/dehydratase2 from methylobacillus flagellatus
						Fold: NAD(P)-binding Rossmann-fold domains

80	d1f0ya2	Alignment	not modelled	54.1	23	Superfamily: NAD(P)-binding Rossmann-fold domains Family: 6-phosphogluconate dehydrogenase-like, N-terminal domain
81	d1qrdA	Alignment	not modelled	52.1	17	Fold: Flavodoxin-like Superfamily: Flavoproteins Family: Quinone reductase
82	d2g0ta1	Alignment	not modelled	50.9	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
83	d2d1pb1	Alignment	not modelled	49.0	24	Fold: DsrEFH-like Superfamily: DsrEFH-like Family: DsrEF-like
84	c3kd9B	Alignment	not modelled	48.9	37	PDB header: oxidoreductase Chain: B: PDB Molecule: coenzyme a disulfide reductase; PDBTitle: crystal structure of pyridine nucleotide disulfide oxidoreductase from2 pyrococcus horikoshii
85	c1y80A	Alignment	not modelled	48.5	19	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: predicted cobalamin binding protein; PDBTitle: structure of a corrinoid (factor iiii)-binding protein from2 moorella thermoacetica
86	c2dlnA	Alignment	not modelled	45.9	23	PDB header: ligase(peptidoglycan synthesis) Chain: A: PDB Molecule: d-alanine--d-alanine ligase; PDBTitle: vancomycin resistance: structure of d-alanine:d-alanine2 ligase at 2.3 angstroms resolution
87	c1apzB	Alignment	not modelled	45.5	18	PDB header: complex (hydrolase/peptide) Chain: B: PDB Molecule: aspartylglucosaminidase; PDBTitle: human aspartylglucosaminidase complex with reaction product
88	c3ab1B	Alignment	not modelled	44.5	23	PDB header: oxidoreductase Chain: B: PDB Molecule: ferredoxin--nadp reductase; PDBTitle: crystal structure of ferredoxin nadp+ oxidoreductase
89	c2q1wC	Alignment	not modelled	44.5	23	PDB header: sugar binding protein Chain: C: PDB Molecule: putative nucleotide sugar epimerase/dehydratase; PDBTitle: crystal structure of the bordetella bronchiseptica enzyme wbmh in2 complex with nad+
90	c3c1oA	Alignment	not modelled	43.8	13	PDB header: oxidoreductase Chain: A: PDB Molecule: eugenol synthase; PDBTitle: the multiple phenylpropene synthases in both clarkia2 breweri and petunia hybrida represent two distinct lineages
91	c3g5rA	Alignment	not modelled	42.4	37	PDB header: transferase Chain: A: PDB Molecule: methylenetetrahydrofolate--trna-(uracil-5-)- PDBTitle: crystal structure of thermus thermophilus tmfo in complex with2 tetrahydrofolate
92	d2gtad1	Alignment	not modelled	42.4	30	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: MazG-like
93	c3crcB	Alignment	not modelled	41.5	19	PDB header: hydrolase Chain: B: PDB Molecule: protein mazg; PDBTitle: crystal structure of escherichia coli mazg, the regulator2 of nutritional stress response
94	c2dzdB	Alignment	not modelled	41.3	13	PDB header: ligase Chain: B: PDB Molecule: pyruvate carboxylase; PDBTitle: crystal structure of the biotin carboxylase domain of2 pyruvate carboxylase
95	c2r60A	Alignment	not modelled	39.7	16	PDB header: transferase Chain: A: PDB Molecule: glycosyl transferase, group 1; PDBTitle: structure of apo sucrose phosphate synthase (sps) of2 halothermothrix orenii
96	c2gacD	Alignment	not modelled	39.2	24	PDB header: hydrolase Chain: D: PDB Molecule: glycosylasparaginase; PDBTitle: t152c mutant glycosylasparaginase from flavobacterium2 meningosepticum
97	d2gtaa1	Alignment	not modelled	38.4	30	Fold: all-alpha NTP pyrophosphatases Superfamily: all-alpha NTP pyrophosphatases Family: MazG-like
98	c3p19A	Alignment	not modelled	37.7	22	PDB header: oxidoreductase Chain: A: PDB Molecule: putative blue fluorescent protein; PDBTitle: improved nadph-dependent blue fluorescent protein
99	c2q0lA	Alignment	not modelled	37.3	33	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: helicobacter pylori thioredoxin reductase reduced by sodium dithionite2 in complex with nadp+
100	c3kipU	Alignment	not modelled	34.8	30	PDB header: lyase Chain: U: PDB Molecule: 3-dehydroquinase, type ii; PDBTitle: crystal structure of type-ii 3-dehydroquinase from c. albicans
101	c3ic9D	Alignment	not modelled	33.7	19	PDB header: oxidoreductase Chain: D: PDB Molecule: dihydrolipoamide dehydrogenase; PDBTitle: the structure of dihydrolipoamide dehydrogenase from colwellia2 psychrerythraea 34h.
102	c2eq8E	Alignment	not modelled	33.3	33	PDB header: oxidoreductase Chain: E: PDB Molecule: pyruvate dehydrogenase complex, dihydrolipoamide PDBTitle: crystal structure of lipoamide dehydrogenase from thermus thermophilus2 hb8 with psbdp
103	c3kpgA	Alignment	not modelled	32.5	30	PDB header: oxidoreductase Chain: A: PDB Molecule: sulfide-quinone reductase, putative; PDBTitle: crystal structure of sulfide:quinone oxidoreductase from2 acidithiobacillus ferrooxidans in complex with decylubiquinone
104	c3ouzA	Alignment	not modelled	32.3	19	PDB header: ligase Chain: A: PDB Molecule: biotin carboxylase; PDBTitle: crystal structure of biotin carboxylase-adp complex from campylobacter2 jejuni
105	c3rfvB	Alignment	not modelled	32.1	16	PDB header: oxidoreductase Chain: B: PDB Molecule: uronate dehydrogenase;

105	c3n1AB_	Alignment	not modelled	32.1	10	PDBTitle: crystal structure of uronate dehydrogenase from agrobacterium2 tumefaciens, y136a mutant complexed with nad PDB header: unknown function
106	c2obnA_	Alignment	not modelled	31.0	13	Chain: A: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of a duf1611 family protein (ava_3511) from anabaena2 variabilis atcc 29413 at 2.30 a resolution
107	c3allA_	Alignment	not modelled	29.6	23	PDB header: oxidoreductase Chain: A: PDB Molecule: 2-methyl-3-hydroxypyridine-5-carboxylic acid oxygenase; PDBTitle: crystal structure of 2-methyl-3-hydroxypyridine-5-carboxylic acid2 oxygenase, mutant y270a
108	c1xdiA_	Alignment	not modelled	29.3	23	PDB header: unknown function Chain: A: PDB Molecule: rv3303c-lpda; PDBTitle: crystal structure of lpda (rv3303c) from mycobacterium tuberculosis
109	d2hy5b1	Alignment	not modelled	28.9	20	Fold: DsrEFH-like Superfamily: DsrEFH-like Family: DsrEF-like
110	c2qzsA_	Alignment	not modelled	28.7	19	PDB header: transferase Chain: A: PDB Molecule: glycogen synthase; PDBTitle: crystal structure of wild-type e.coli gs in complex with adp2 and glucose(wtgsb)
111	d1bxka_	Alignment	not modelled	28.1	16	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Tyrosine-dependent oxidoreductases
112	d1oc2a_	Alignment	not modelled	28.0	19	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Tyrosine-dependent oxidoreductases
113	c3ezxA_	Alignment	not modelled	27.4	17	PDB header: transferase Chain: A: PDB Molecule: monomethylamine corrinoid protein 1; PDBTitle: structure of methanosarcina barkeri monomethylamine2 corrinoid protein
114	c2zktB_	Alignment	not modelled	27.4	16	PDB header: isomerase Chain: B: PDB Molecule: 2,3-bisphosphoglycerate-independent phosphoglycerate PDBTitle: structure of ph0037 protein from pyrococcus horikoshii
115	c3ia7A_	Alignment	not modelled	27.3	22	PDB header: transferase Chain: A: PDB Molecule: calg4; PDBTitle: crystal structure of calg4, the calicheamicin glycosyltransferase
116	d1d4aa_	Alignment	not modelled	27.2	17	Fold: Flavodoxin-like Superfamily: Flavoproteins Family: Quinone reductase
117	c1ps9A_	Alignment	not modelled	27.1	31	PDB header: oxidoreductase Chain: A: PDB Molecule: 2,4-dienoyl-coa reductase; PDBTitle: the crystal structure and reaction mechanism of e. coli 2,4-2 dienoyl coa reductase
118	c1v59B_	Alignment	not modelled	25.6	30	PDB header: oxidoreductase Chain: B: PDB Molecule: dihydrolipoamide dehydrogenase; PDBTitle: crystal structure of yeast lipoamide dehydrogenase2 complexed with nad+
119	d1hdoa_	Alignment	not modelled	25.2	22	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Tyrosine-dependent oxidoreductases
120	c3u9sE_	Alignment	not modelled	24.9	14	PDB header: ligase Chain: E: PDB Molecule: methylcrotonyl-coa carboxylase, alpha-subunit; PDBTitle: crystal structure of p. aeruginosa 3-methylcrotonyl-coa carboxylase2 (mcc) 750 kd holoenzyme, coa complex