

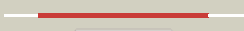






























#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3in1A_	 Alignment		100.0	98	PDB header: transferase Chain: A: PDB Molecule: uncharacterized sugar kinase ydjh; PDBTitle: crystal structure of a putative ribokinase in complex with2 adp from e.coli
2	c3iq0B_	 Alignment		100.0	20	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
3	c3pl2D_	 Alignment		100.0	23	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
4	c2pkkA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of m tuberculosis adenosine kinase complexed with 2-2 fluoro adenosine
5	c2rbcA_	 Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: sugar kinase; PDBTitle: crystal structure of a putative ribokinase from agrobacterium2 tumefaciens
6	c2qcva_	 Alignment		100.0	22	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
7	c2varB_	 Alignment		100.0	20	PDB header: transferase Chain: B: PDB Molecule: fructokinase; PDBTitle: crystal structure of sulfobolus solfataricus 2-keto-3-2 deoxygluconate kinase complexed with 2-keto-3-3 deoxygluconate
8	d1rkda_	 Alignment		100.0	27	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
9	c3b1qD_	 Alignment		100.0	19	PDB header: transferase Chain: D: PDB Molecule: ribokinase, putative; PDBTitle: structure of burkholderia thailandensis nucleoside kinase (bthnk) in2 complex with inosine
10	c2c49A_	 Alignment		100.0	21	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
11	c3kzhA_	 Alignment		100.0	23	PDB header: transferase Chain: A: PDB Molecule: probable sugar kinase; PDBTitle: crystal structure of a putative sugar kinase from2 clostridium perfringens

12	d1v19a_	Alignment		100.0	25	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
13	c2nwhA_	Alignment		100.0	25	PDB header: signaling protein,transferase Chain: A: PDB Molecule: carbohydrate kinase; PDBTitle: carbohydrate kinase from agrobacterium tumefaciens
14	d2dcna1	Alignment		100.0	18	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
15	d1vm7a_	Alignment		100.0	28	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
16	d2fv7a1	Alignment		100.0	22	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
17	c3go6B_	Alignment		100.0	18	PDB header: transferase Chain: B: PDB Molecule: ribokinase rbsk; PDBTitle: crystal structure of m. tuberculosis ribokinase (rv2436) in2 complex with ribose and amp-pnp
18	d1bx4a_	Alignment		100.0	19	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
19	c3gbuD_	Alignment		100.0	22	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
20	c3lkiA_	Alignment		100.0	18	PDB header: transferase Chain: A: PDB Molecule: fructokinase; PDBTitle: crystal structure of fructokinase with bound atp from2 xylella fastidiosa
21	d1tyya_	Alignment	not modelled	100.0	22	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
22	c2absA_	Alignment	not modelled	100.0	24	PDB header: signaling protein,transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of t. gondii adenosine kinase complexed2 with amp-pcp
23	d2absa1	Alignment	not modelled	100.0	24	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
24	c3ktnA_	Alignment	not modelled	100.0	17	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
25	d2afba1	Alignment	not modelled	100.0	17	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
26	c3i3yB_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: B: PDB Molecule: carbohydrate kinase; PDBTitle: crystal structure of ribokinase in complex with d-ribose from2 klebsiella pneumoniae
27	c3cqdB_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: B: PDB Molecule: 6-phosphofructokinase isozyme 2; PDBTitle: structure of the tetrameric inhibited form of2 phosphofructokinase-2 from escherichia coli
28	c3looc_	Alignment	not modelled	100.0	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
						Fold: Ribokinase-like

29	d2f02a1	Alignment	not modelled	100.0	19	Superfamily: Ribokinase-like Family: Ribokinase-like
30	d2abqa1	Alignment	not modelled	100.0	22	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
31	c2xtbA	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: adenosine kinase; PDBTitle: crystal structure of trypanosoma brucei rhodesiense2 adenosine kinase complexed with activator
32	c3kd6B	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B: PDB Molecule: carbohydrate kinase, pfkb family; PDBTitle: crystal structure of nucleoside kinase from chlorobium tepidum in2 complex with amp
33	c2jg1C	Alignment	not modelled	100.0	18	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
34	c2jg5B	Alignment	not modelled	100.0	15	PDB header: transferase Chain: B: PDB Molecule: fructose 1-phosphate kinase; PDBTitle: crystal structure of a putative phosphofructokinase from2 staphylococcus aureus
35	c1tz6B	Alignment	not modelled	100.0	22	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
36	c3b3lC	Alignment	not modelled	100.0	19	PDB header: transferase Chain: C: PDB Molecule: ketohexokinase; PDBTitle: crystal structures of alternatively-spliced isoforms of human2 ketohexokinase
37	c3lhxA	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: ketodeoxygluconokinase; PDBTitle: crystal structure of a ketodeoxygluconokinase (kdgk) from2 shigella flexneri
38	c2qhpA	Alignment	not modelled	100.0	18	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
39	d2ajra1	Alignment	not modelled	100.0	15	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
40	c3bf5A	Alignment	not modelled	100.0	16	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
41	c3julA	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: lin2199 protein; PDBTitle: crystal structure of listeria innocua d-tagatose-6-phosphate2 kinase bound with substrate
42	c3hj6B	Alignment	not modelled	100.0	28	PDB header: transferase Chain: B: PDB Molecule: fructokinase; PDBTitle: structure of halothermothrix orenii fructokinase (frk)
43	d1vk4a	Alignment	not modelled	100.0	17	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Ribokinase-like
44	c2ddmA	Alignment	not modelled	99.8	19	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
45	c3mbjA	Alignment	not modelled	99.7	15	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)
46	c2i5bC	Alignment	not modelled	99.6	16	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 parrallel emergence of enzyme activity during evolution
47	c3ibqA	Alignment	not modelled	99.5	20	PDB header: transferase Chain: A: PDB Molecule: pyridoxal kinase; PDBTitle: crystal structure of pyridoxal kinase from lactobacillus2 plantarum in complex with atp
48	d1vi9a	Alignment	not modelled	99.5	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: PfkB-like kinase
49	d1ub0a	Alignment	not modelled	99.5	19	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
50	d1lhpA	Alignment	not modelled	99.5	19	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: PfkB-like kinase
51	d1jxha	Alignment	not modelled	99.3	17	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
52	c3rm5B	Alignment	not modelled	99.3	17	PDB header: transferase Chain: B: PDB Molecule: hydroxymethylpyrimidine/phosphomethylpyrimidine kinase PDBTitle: structure of trifunctional thi20 from yeast
53	c3dzvB	Alignment	not modelled	98.9	15	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

54	d1kyha_	Alignment	not modelled	98.8	17	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: YjeF C-terminal domain-like
55	d1v8aa_	Alignment	not modelled	98.6	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
56	d1gc5a_	Alignment	not modelled	98.6	16	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
57	d1l2la_	Alignment	not modelled	98.4	13	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
58	d1ua4a_	Alignment	not modelled	98.4	14	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
59	d1ekqa_	Alignment	not modelled	98.4	11	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: Thiamin biosynthesis kinases
60	c2r3bA_	Alignment	not modelled	98.3	15	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
61	d2ax3a1	Alignment	not modelled	98.1	13	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: YjeF C-terminal domain-like
62	c3nm3D_	Alignment	not modelled	98.0	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
63	d1u2xa_	Alignment	not modelled	97.8	18	Fold: Ribokinase-like Superfamily: Ribokinase-like Family: ADP-specific Phosphofructokinase/Glucokinase
64	c3drwA_	Alignment	not modelled	97.8	16	PDB header: transferase Chain: A: PDB Molecule: adp-specific phosphofructokinase; PDBTitle: crystal structure of a phosphofructokinase from pyrococcus2 horikoshii ot3 with amp
65	c3k5wA_	Alignment	not modelled	97.8	19	PDB header: transferase Chain: A: PDB Molecule: carbohydrate kinase; PDBTitle: crystal structure of a carbohydrate kinase (yjef family)from2 helicobacter pylori
66	c2ax3A_	Alignment	not modelled	97.8	12	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
67	c3bgkA_	Alignment	not modelled	97.5	13	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: the crystal structure of hypothetic protein smu.573 from2 streptococcus mutans
68	d3grsa1	Alignment	not modelled	87.0	28	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
69	c2zxiC_	Alignment	not modelled	86.0	38	PDB header: fad-binding protein Chain: C: PDB Molecule: trna uridine 5-carboxymethylaminomethyl PDBTitle: structure of aquifex aeolicus gida in the form ii crystal
70	c2eq8E_	Alignment	not modelled	85.9	34	PDB header: oxidoreductase Chain: E: PDB Molecule: pyruvate dehydrogenase complex, dihydrolipoamide PDBTitle: crystal structure of lipoamide dehydrogenase from thermus thermophilus2 hb8 with psbdp
71	c2xdoC_	Alignment	not modelled	85.6	19	PDB header: oxidoreductase Chain: C: PDB Molecule: tebx2 protein; PDBTitle: structure of the tetracycline degrading monooxygenase tebx2 from2 bacteroides thetaiotaomicron
72	c1bwcA_	Alignment	not modelled	82.9	28	PDB header: oxidoreductase Chain: A: PDB Molecule: protein (glutathione reductase); PDBTitle: structure of human glutathione reductase complexed with ajoene2 inhibitor and subversive substrate
73	c3fbsB_	Alignment	not modelled	79.4	29	PDB header: oxidoreductase Chain: B: PDB Molecule: oxidoreductase; PDBTitle: the crystal structure of the oxidoreductase from agrobacterium2 tumefaciens
74	c2aczA_	Alignment	not modelled	76.4	44	PDB header: oxidoreductase/electron transport Chain: A: PDB Molecule: succinate dehydrogenase flavoprotein subunit; PDBTitle: complex ii (succinate dehydrogenase) from e. coli with atpenin a52 inhibitor co-crystallized at the ubiquinone binding site
75	c2i0za_	Alignment	not modelled	72.7	32	PDB header: oxidoreductase Chain: A: PDB Molecule: nad(fad)-utilizing dehydrogenases; PDBTitle: crystal structure of a fad binding protein from bacillus2 cereus, a putative nad(fad)-utilizing dehydrogenases
76	c3ctyA_	Alignment	not modelled	72.2	35	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: crystal structure of t. acidophilum thioredoxin reductase
77	c3d8xB_	Alignment	not modelled	71.8	35	PDB header: oxidoreductase Chain: B: PDB Molecule: thioredoxin reductase 1; PDBTitle: crystal structure of saccharomyces cerevisiae nadph dependent2 thioredoxin reductase 1
78	d3lada1	Alignment	not modelled	69.2	48	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
79	c3ic9D_	Alignment	not modelled	68.6	38	PDB header: oxidoreductase Chain: D: PDB Molecule: dihydrolipoamide dehydrogenase;

79	c3rc9B_	Alignment	not modelled	68.8	28	PDBTitle: the structure of dihydrolipoamide dehydrogenase from colwellia2 psychrerythraea 34h.
80	c3i3lA_	Alignment	not modelled	68.3	25	PDB header: hydrolase Chain: A: PDB Molecule: alkylhalidase cmls; PDBTitle: crystal structure of cmls, a flavin-dependent halogenase
81	c3i8kB_	Alignment	not modelled	67.6	32	PDB header: oxidoreductase Chain: B: PDB Molecule: dihydrolipoyl dehydrogenase; PDBTitle: crystal structure of a dihydrolipoyl dehydrogenase from2 sulfolobus sulfataricus
82	d1neka2	Alignment	not modelled	67.4	44	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: Succinate dehydrogenase/fumarate reductase flavoprotein N-terminal domain
83	c1v59B_	Alignment	not modelled	64.9	31	PDB header: oxidoreductase Chain: B: PDB Molecule: dihydrolipoamide dehydrogenase; PDBTitle: crystal structure of yeast lipoamide dehydrogenase2 complexed with nad+
84	c2gqfA_	Alignment	not modelled	64.6	32	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein hi0933; PDBTitle: crystal structure of flavoprotein hi0933 from haemophilus influenzae2 rd
85	c3atrA_	Alignment	not modelled	63.9	38	PDB header: oxidoreductase Chain: A: PDB Molecule: conserved archaeal protein; PDBTitle: geranylgeranyl reductase (ggr) from sulfolobus acidocaldarius co-2 crystallized with its ligand
86	d1dxa1	Alignment	not modelled	62.4	32	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
87	d1v59a1	Alignment	not modelled	61.9	32	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
88	c3f8rD_	Alignment	not modelled	61.2	35	PDB header: oxidoreductase Chain: D: PDB Molecule: thioredoxin reductase (trxb-3); PDBTitle: crystal structure of sulfolobus sulfataricus thioredoxin2 reductase b3 in complex with two nadp molecules
89	d1gesa1	Alignment	not modelled	59.7	29	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
90	c3rhaA_	Alignment	not modelled	59.6	38	PDB header: oxidoreductase Chain: A: PDB Molecule: putrescine oxidase; PDBTitle: the crystal structure of oxidoreductase from arthrobacter aurescens
91	d1vdca1	Alignment	not modelled	58.9	29	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
92	d1ebda1	Alignment	not modelled	58.6	26	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
93	d1lpfa1	Alignment	not modelled	58.4	42	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
94	c2hqmB_	Alignment	not modelled	57.9	26	PDB header: oxidoreductase Chain: B: PDB Molecule: glutathione reductase; PDBTitle: crystal structure of glutathione reductase glr1 from the yeast2 saccharomyces cerevisiae
95	c3crcB_	Alignment	not modelled	56.2	16	PDB header: hydrolase Chain: B: PDB Molecule: protein mazg; PDBTitle: crystal structure of escherichia coli mazg, the regulator2 of nutritional stress response
96	d1h6va1	Alignment	not modelled	56.2	20	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD/NAD-linked reductases, N-terminal and central domains
97	c1ojtA_	Alignment	not modelled	56.1	23	PDB header: oxidoreductase Chain: A: PDB Molecule: surface protein; PDBTitle: structure of dihydrolipoamide dehydrogenase
98	c3dgzA_	Alignment	not modelled	55.9	26	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase 2; PDBTitle: crystal structure of mouse mitochondrial thioredoxin reductase, c-2 terminal 3-residue truncation
99	c1zkqA_	Alignment	not modelled	55.9	26	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase 2, mitochondrial; PDBTitle: crystal structure of mouse thioredoxin reductase type 2
100	c1lviA_	Alignment	not modelled	54.4	26	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydrolipoamide dehydrogenase; PDBTitle: the refined structure of pseudomonas putida lipoamide dehydrogenase2 complexed with nad+ at 2.45 angstroms resolution
101	c1ebdB_	Alignment	not modelled	54.2	26	PDB header: complex (oxidoreductase/transferase) Chain: B: PDB Molecule: dihydrolipoamide dehydrogenase; PDBTitle: dihydrolipoamide dehydrogenase complexed with the binding2 domain of the dihydrolipoamide acetylase
102	d2i0za1	Alignment	not modelled	54.1	32	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: HI0933 N-terminal domain-like
103	c2r4jA_	Alignment	not modelled	53.9	25	PDB header: oxidoreductase Chain: A: PDB Molecule: aerobic glycerol-3-phosphate dehydrogenase; PDBTitle: crystal structure of escherichia coli semet substituted2 glycerol-3-phosphate dehydrogenase in complex with dhap
104	c1geuA_	Alignment	not modelled	53.5	29	PDB header: oxidoreductase(flavoenzyme) Chain: A: PDB Molecule: glutathione reductase; PDBTitle: anatomy of an engineered nad-binding site

105	d1ryia1	 Alignment	not modelled	52.3	25	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD-linked reductases, N-terminal domain
106	c3q05B	 Alignment	not modelled	51.6	39	PDB header: rna binding protein Chain: B: PDB Molecule: trna uridine 5-carboxymethylaminomethyl modification enzyme PDBTitle: crystal structure of n-terminal domain (2-550) of e.coli mnmg
107	c1yq4A	 Alignment	not modelled	49.6	36	PDB header: oxidoreductase Chain: A: PDB Molecule: succinate dehydrogenase flavoprotein subunit; PDBTitle: avian respiratory complex ii with 3-nitropropionate and ubiquinone
108	c1qo8A	 Alignment	not modelled	48.8	29	PDB header: oxidoreductase Chain: A: PDB Molecule: flavocytochrome c3 fumarate reductase; PDBTitle: the structure of the open conformation of a flavocytochrome2 c3 fumarate reductase
109	c1ryiB	 Alignment	not modelled	48.0	25	PDB header: oxidoreductase Chain: B: PDB Molecule: glycine oxidase; PDBTitle: structure of glycine oxidase with bound inhibitor glycolate
110	c2r9zB	 Alignment	not modelled	47.7	32	PDB header: oxidoreductase Chain: B: PDB Molecule: glutathione amide reductase; PDBTitle: glutathione amide reductase from chromatium gracile
111	c3lzxB	 Alignment	not modelled	45.9	19	PDB header: oxidoreductase Chain: B: PDB Molecule: ferredoxin--nadp reductase 2; PDBTitle: crystal structure of ferredoxin-nadp+ oxidoreductase from bacillus2 subtilis (form ii)
112	c3o0hA	 Alignment	not modelled	45.8	39	PDB header: oxidoreductase Chain: A: PDB Molecule: glutathione reductase; PDBTitle: crystal structure of glutathione reductase from bartonella henselae
113	c2bs3A	 Alignment	not modelled	45.8	25	PDB header: oxidoreductase Chain: A: PDB Molecule: quinol-fumarate reductase flavoprotein subunit a; PDBTitle: glu c180 -> gln variant quinol:fumarate reductase from2 wolfinella succinogenes
114	c1vdcA	 Alignment	not modelled	45.7	28	PDB header: oxidoreductase Chain: A: PDB Molecule: nadph dependent thioredoxin reductase; PDBTitle: structure of nadph dependent thioredoxin reductase
115	c1f6mF	 Alignment	not modelled	45.6	23	PDB header: oxidoreductase Chain: F: PDB Molecule: thioredoxin reductase; PDBTitle: crystal structure of a complex between thioredoxin2 reductase, thioredoxin, and the nadp+ analog, aadp+
116	d1kf6a2	 Alignment	not modelled	45.2	34	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: Succinate dehydrogenase/fumarate reductase flavoprotein N-terminal domain
117	c1kf6A	 Alignment	not modelled	43.8	35	PDB header: oxidoreductase Chain: A: PDB Molecule: fumarate reductase flavoprotein; PDBTitle: e. coli quinol-fumarate reductase with bound inhibitor hqno
118	c2a87A	 Alignment	not modelled	43.3	33	PDB header: oxidoreductase Chain: A: PDB Molecule: thioredoxin reductase; PDBTitle: crystal structure of m. tuberculosis thioredoxin reductase
119	c3a1IA	 Alignment	not modelled	43.3	16	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
120	d1k0ia1	 Alignment	not modelled	42.7	29	Fold: FAD/NAD(P)-binding domain Superfamily: FAD/NAD(P)-binding domain Family: FAD-linked reductases, N-terminal domain