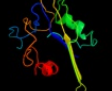


Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2fkba1	 Alignment		100.0	98	Fold: Nudix Superfamily: Nudix Family: IPP isomerase-like
2	c2i6kA	 Alignment		100.0	22	PDB header: isomerase Chain: A; PDB Molecule: isopentenyl-diphosphate delta-isomerase 1; PDBTitle: crystal structure of human type i ipp isomerase complexed2 with a substrate analog
3	c2pnyA	 Alignment		100.0	23	PDB header: isomerase Chain: A; PDB Molecule: isopentenyl-diphosphate delta-isomerase 2; PDBTitle: structure of human isopentenyl-diphosphate delta-isomerase 2
4	d1ppva	 Alignment		100.0	19	Fold: Nudix Superfamily: Nudix Family: IPP isomerase-like
5	d2o5fa1	 Alignment		100.0	27	Fold: Nudix Superfamily: Nudix Family: IPP isomerase-like
6	d1hzta	 Alignment		99.9	20	Fold: Nudix Superfamily: Nudix Family: IPP isomerase-like
7	c3dupB	 Alignment		99.9	17	PDB header: hydrolase Chain: B; PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family hydrolase from rhodospirillum2 rubrum atcc 11170
8	c3grnB	 Alignment		99.9	29	PDB header: hydrolase Chain: B; PDB Molecule: mutt related protein; PDBTitle: crystal structure of mutt protein from methanosarcina mazei go1
9	c3dkuB	 Alignment		99.9	22	PDB header: hydrolase Chain: B; PDB Molecule: putative phosphohydrolase; PDBTitle: crystal structure of nudix hydrolase orf153, ymfb, from2 escherichia coli k-1
10	d1sjya	 Alignment		99.9	17	Fold: Nudix Superfamily: Nudix Family: MuT-like
11	d2b0va1	 Alignment		99.9	17	Fold: Nudix Superfamily: Nudix Family: MuT-like

12	c3n77B_	Alignment		99.9	25	PDB header: hydrolase Chain: B: PDB Molecule: nucleoside triphosphatase nudix; PDBTitle: crystal structure of idp01880, putative ntp pyrophosphohydrolase of2 salmonella typhimurium lt2
13	c2gb5B_	Alignment		99.9	15	PDB header: hydrolase Chain: B: PDB Molecule: nadh pyrophosphatase; PDBTitle: crystal structure of nadh pyrophosphatase (ec 3.6.1.22) (1790429) from2 escherichia coli k12 at 2.30 a resolution
14	c3cngC_	Alignment		99.9	14	PDB header: hydrolase Chain: C: PDB Molecule: nudix hydrolase; PDBTitle: crystal structure of nudix hydrolase from nitrosomonas europaea
15	c3hhjA_	Alignment		99.9	17	PDB header: hydrolase Chain: A: PDB Molecule: mutator mutt protein; PDBTitle: crystal structure of mutator mutt from bartonella henselae
16	d1puna_	Alignment		99.9	18	Fold: Nudix Superfamily: Nudix Family: MutT-like
17	d1vcda1	Alignment		99.9	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
18	c3ef5A_	Alignment		99.8	23	PDB header: hydrolase Chain: A: PDB Molecule: probable pyrophosphohydrolase; PDBTitle: structure of the rna pyrophosphohydrolase bdrpph in complex with dgtp
19	c3h95A_	Alignment		99.8	16	PDB header: gene regulation Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 6; PDBTitle: crystal structure of the nudix domain of nudt6
20	d1vk6a2	Alignment		99.8	16	Fold: Nudix Superfamily: Nudix Family: NADH pyrophosphatase
21	c2kdvA_	Alignment	not modelled	99.8	13	PDB header: hydrolase Chain: A: PDB Molecule: rna pyrophosphohydrolase; PDBTitle: solution structure of rna pyrophosphohydrolase rpph from2 escherichia coli
22	c3o8sA_	Alignment	not modelled	99.8	17	PDB header: hydrolase Chain: A: PDB Molecule: adp-ribose pyrophosphatase; PDBTitle: crystal structure of an adp-ribose pyrophosphatase (ssu98_1448) from2 streptococcus suis 89-1591 at 2.27 a resolution
23	c2yvoA_	Alignment	not modelled	99.8	22	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of ndx2 in complex with mg2+ and amp from thermus2 thermophilus hb8
24	d1g0sa_	Alignment	not modelled	99.8	18	Fold: Nudix Superfamily: Nudix Family: MutT-like
25	c3gz8C_	Alignment	not modelled	99.8	18	PDB header: dna binding protein Chain: C: PDB Molecule: mutt/nudix family protein; PDBTitle: cocrystal structure of nudix domain of shewanella oneidensis2 nrtr complexed with adp ribose
26	d2fb1a2	Alignment	not modelled	99.8	18	Fold: Nudix Superfamily: Nudix Family: BT0354 N-terminal domain-like
27	d1ryaa_	Alignment	not modelled	99.8	22	Fold: Nudix Superfamily: Nudix Family: GDP-mannose mannosyl hydrolase NudD
28	c3gwyA_	Alignment	not modelled	99.8	18	PDB header: hydrolase Chain: A: PDB Molecule: putative ctp pyrophosphohydrolase; PDBTitle: crystal structure of putative ctp pyrophosphohydrolase from2 bacteroides fragilis

29	c3exqA	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: A: PDB Molecule: nudix family hydrolase; PDBTitle: crystal structure of a nudix family hydrolase from2 lactobacillus brevis
30	c2pq1B	Alignment	not modelled	99.8	16	PDB header: hydrolase Chain: B: PDB Molecule: ap4a hydrolase; PDBTitle: crystal structure of ap4a hydrolase complexed with amp and2 atp (aq_158) from aquifex aeolicus vf5
31	d1jkna	Alignment	not modelled	99.8	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
32	c2o1cB	Alignment	not modelled	99.8	16	PDB header: hydrolase Chain: B: PDB Molecule: datp pyrophosphohydrolase; PDBTitle: structure of the e. coli dihydroneopterin triphosphate2 pyrophosphohydrolase
33	c2w4eA	Alignment	not modelled	99.8	20	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: structure of an n-terminally truncated nudix hydrolase2 dr2204 from deinococcus radiodurans
34	c3q4iA	Alignment	not modelled	99.8	18	PDB header: hydrolase Chain: A: PDB Molecule: phosphohydrolase (mutt/nudix family protein); PDBTitle: crystal structure of cdp-chase in complex with gd3+
35	d2azwa1	Alignment	not modelled	99.8	22	Fold: Nudix Superfamily: Nudix Family: MutT-like
36	c3gg6A	Alignment	not modelled	99.8	13	PDB header: hydrolase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 18; PDBTitle: crystal structure of the nudix domain of human nudt18
37	d1nqza	Alignment	not modelled	99.8	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
38	d2fvva1	Alignment	not modelled	99.8	15	Fold: Nudix Superfamily: Nudix Family: MutT-like
39	c2fvvA	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: A: PDB Molecule: diphosphoinositol polyphosphate phosphohydrolase PDBTitle: human diphosphoinositol polyphosphate phosphohydrolase 1
40	d1irya	Alignment	not modelled	99.8	22	Fold: Nudix Superfamily: Nudix Family: MutT-like
41	c2yyhC	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: C: PDB Molecule: 8-oxo-dgtpase domain; PDBTitle: crystal structure of nudix family protein from aquifex aeolicus
42	c3r03B	Alignment	not modelled	99.8	17	PDB header: hydrolase Chain: B: PDB Molecule: nudix hydrolase; PDBTitle: the crystal structure of nudix hydrolase from rhodospirillum rubrum
43	d2b06a1	Alignment	not modelled	99.8	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
44	c2qjoB	Alignment	not modelled	99.8	20	PDB header: transferase, hydrolase Chain: B: PDB Molecule: bifunctional nmh adenylyltransferase/nudix hydrolase; PDBTitle: crystal structure of a bifunctional nmh adenylyltransferase/adp ribose2 pyrophosphatase (nadm) complexed with adprp and nad from3 synechocystis sp.
45	c2jvbA	Alignment	not modelled	99.8	13	PDB header: hydrolase Chain: A: PDB Molecule: mrna-decapping enzyme subunit 2; PDBTitle: solution structure of catalytic domain of ydcp2
46	c3f6aA	Alignment	not modelled	99.8	15	PDB header: hydrolase Chain: A: PDB Molecule: hydrolase, nudix family; PDBTitle: crystal structure of a hydrolase, nudix family from2 clostridium perfringens
47	d1xsba	Alignment	not modelled	99.8	18	Fold: Nudix Superfamily: Nudix Family: MutT-like
48	d1ktga	Alignment	not modelled	99.8	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
49	c3fk9B	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: B: PDB Molecule: mutator mutt protein; PDBTitle: crystal structure of mmutator mutt protein from bacillus2 halodurans
50	d1vhza	Alignment	not modelled	99.8	11	Fold: Nudix Superfamily: Nudix Family: MutT-like
51	c2fb1A	Alignment	not modelled	99.8	18	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of protein bt0354 from bacteroides thetaiotaomicron
52	c3i9xA	Alignment	not modelled	99.8	21	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mutt/nudix family protein from listeria innocua
53	d2a6ta2	Alignment	not modelled	99.8	15	Fold: Nudix Superfamily: Nudix Family: mRNA decapping enzyme-like
54	d1mqea	Alignment	not modelled	99.8	16	Fold: Nudix Superfamily: Nudix Family: MutT-like

55	d1v8ya_	Alignment	not modelled	99.8	22	Fold: Nudix Superfamily: Nudix Family: MutT-like
56	c3id9B_	Alignment	not modelled	99.8	18	PDB header: hydrolase Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mutt/nudix family protein from2 bacillus thuringiensis
57	c3fcmA_	Alignment	not modelled	99.8	16	PDB header: hydrolase Chain: A: PDB Molecule: hydrolase, nudix family; PDBTitle: crystal structure of a nudix hydrolase from clostridium2 perfringens
58	c2qkmF_	Alignment	not modelled	99.8	14	PDB header: hydrolase Chain: F: PDB Molecule: spac19a8.12 protein; PDBTitle: the crystal structure of fission yeast mrna decapping enzyme dcp1-dcp22 complex
59	c2r5wA_	Alignment	not modelled	99.7	14	PDB header: hydrolase, transferase Chain: A: PDB Molecule: nicotinamide-nucleotide adenylyltransferase; PDBTitle: crystal structure of a bifunctional nm2 adenylyltransferase/adp ribose pyrophosphatase from3 francisella tularensis
60	c3fjyB_	Alignment	not modelled	99.7	16	PDB header: hydrolase Chain: B: PDB Molecule: probable mutt1 protein; PDBTitle: crystal structure of a probable mutt1 protein from bifidobacterium2 adolescentis
61	c3gz6A_	Alignment	not modelled	99.7	18	PDB header: dna binding protein/dna Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of shewanella oneidensis nrtr complexed2 with a 27mer dna
62	d1k2ea_	Alignment	not modelled	99.7	24	Fold: Nudix Superfamily: Nudix Family: MutT-like
63	c3edsA_	Alignment	not modelled	99.7	19	PDB header: hydrolase Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of a mut/nudix family protein from bacillus2 thuringiensis
64	c3e57A_	Alignment	not modelled	99.7	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein tm1382; PDBTitle: crystal structure of tm1382, a putative nudix hydrolase
65	c3sonB_	Alignment	not modelled	99.7	18	PDB header: hydrolase Chain: B: PDB Molecule: hypothetical nudix hydrolase; PDBTitle: crystal structure of a hypothetical nudix hydrolase (lmof2365_2679)2 from listeria monocytogenes (atcc 19115) at 1.70 a resolution
66	c2pqvA_	Alignment	not modelled	99.7	22	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family protein from streptococcus2 pneumoniae
67	c3bm4B_	Alignment	not modelled	99.7	18	PDB header: hydrolase Chain: B: PDB Molecule: adp-sugar pyrophosphatase; PDBTitle: crystal structure of human adp-ribose pyrophosphatase nudt52 in complex with magnesium and ampcpr
68	c3q91D_	Alignment	not modelled	99.7	21	PDB header: hydrolase Chain: D: PDB Molecule: uridine diphosphate glucose pyrophosphatase; PDBTitle: crystal structure of human uridine diphosphate glucose pyrophosphatase2 (nudt14)
69	d2fmla2	Alignment	not modelled	99.7	17	Fold: Nudix Superfamily: Nudix Family: BT0354 N-terminal domain-like
70	d1viua_	Alignment	not modelled	99.7	17	Fold: Nudix Superfamily: Nudix Family: MutT-like
71	c1rrqA_	Alignment	not modelled	99.7	11	PDB header: hydrolase/dna Chain: A: PDB Molecule: muty; PDBTitle: muty adenine glycosylase in complex with dna containing an2 a:oxog pair
72	d1x51a1	Alignment	not modelled	99.7	15	Fold: Nudix Superfamily: Nudix Family: MutY C-terminal domain-like
73	c3rh7A_	Alignment	not modelled	99.7	11	PDB header: oxidoreductase Chain: A: PDB Molecule: hypothetical oxidoreductase; PDBTitle: crystal structure of a hypothetical oxidoreductase (sma0793) from2 sinorhizobium meliloti 1021 at 3.00 a resolution
74	c3f13A_	Alignment	not modelled	99.6	13	PDB header: hydrolase Chain: A: PDB Molecule: putative nudix hydrolase family member; PDBTitle: crystal structure of putative nudix hydrolase family member2 from chromobacterium violaceum
75	c2fmlB_	Alignment	not modelled	99.6	20	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: mutt/nudix family protein; PDBTitle: crystal structure of mutt/nudix family protein from enterococcus2 faecalis
76	d1rrqa2	Alignment	not modelled	99.6	12	Fold: Nudix Superfamily: Nudix Family: MutY C-terminal domain-like
77	d1u20a1	Alignment	not modelled	99.5	21	Fold: Nudix Superfamily: Nudix Family: MutT-like
78	d1q33a_	Alignment	not modelled	99.5	20	Fold: Nudix Superfamily: Nudix Family: MutT-like
79	c3qsjA_	Alignment	not modelled	99.5	29	PDB header: hydrolase Chain: A: PDB Molecule: nudix hydrolase; PDBTitle: crystal structure of nudix hydrolase from alicyclobacillus2 acidocaldarius
						PDB header: nuclear protein Chain: B: PDB Molecule: cleavage and polyadenylation specificity

80	c2j8qB_	Alignment	not modelled	99.4	15	factor 5; PDBTitle: crystal structure of human cleavage and polyadenylation2 specificity factor 5 (cpsf5) in complex with a sulphate3 ion.
81	c3couA_	Alignment	not modelled	98.8	27	PDB header: hydrolase Chain: A: PDB Molecule: nucleoside diphosphate-linked moiety x motif 16; PDBTitle: crystal structure of human nudix motif 16 (nudt16)
82	c3kvhA_	Alignment	not modelled	98.4	21	PDB header: rna binding protein Chain: A: PDB Molecule: protein syndesmos; PDBTitle: crystal structure of human protein syndesmos (nudt16-like protein)
83	c3p5tE_	Alignment	not modelled	96.4	21	PDB header: rna binding protein Chain: E: PDB Molecule: cleavage and polyadenylation specificity factor subunit 5; PDBTitle: cfim25-cfim68 complex
84	d2q4ma1	Alignment	not modelled	30.7	17	Fold: Tubby C-terminal domain-like Superfamily: Tubby C-terminal domain-like Family: At5g01750-like
85	c1zxuA_	Alignment	not modelled	30.7	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: at5g01750 protein; PDBTitle: x-ray structure of protein from arabidopsis thaliana2 at5g01750
86	c3brcA_	Alignment	not modelled	18.7	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved protein of unknown function; PDBTitle: crystal structure of a conserved protein of unknown function from2 methanobacterium thermoautotrophicum
87	c2d3aj_	Alignment	not modelled	18.3	11	PDB header: ligase Chain: J: PDB Molecule: glutamine synthetase; PDBTitle: crystal structure of the maize glutamine synthetase2 complexed with adp and methionine sulfoximine phosphate
88	c3enoB_	Alignment	not modelled	16.3	13	PDB header: hydrolase/unknown function Chain: B: PDB Molecule: putative o-sialoglycoprotein endopeptidase; PDBTitle: crystal structure of pyrococcus furiosus pcc1 in complex2 with thermoplasma acidophilum kae1
89	c2vldA_	Alignment	not modelled	15.7	21	PDB header: hydrolase Chain: A: PDB Molecule: upf0286 protein pyrab01260; PDBTitle: crystal structure of a repair endonuclease from pyrococcus2 abyssi
90	c1glbG_	Alignment	not modelled	15.3	21	PDB header: phosphotransferase Chain: G: PDB Molecule: glycerol kinase; PDBTitle: structure of the regulatory complex of escherichia coli iiiglc with2 glycerol kinase
91	c3gg4B_	Alignment	not modelled	13.2	21	PDB header: transferase Chain: B: PDB Molecule: glycerol kinase; PDBTitle: the crystal structure of glycerol kinase from yersinia2 pseudotuberculosis
92	c1zfxA_	Alignment	not modelled	13.1	18	PDB header: oxidoreductase Chain: A: PDB Molecule: inosine monophosphate dehydrogenase; PDBTitle: inosine monophosphate dehydrogenase (impdh; ec 1.1.1.205) from2 streptococcus pyogenes
93	d2p3ra1	Alignment	not modelled	10.8	24	Fold: Ribonuclease H-like motif Superfamily: Actin-like ATPase domain Family: Glycerol kinase
94	c3flcX_	Alignment	not modelled	9.2	23	PDB header: transferase Chain: X: PDB Molecule: glycerol kinase; PDBTitle: crystal structure of the his-tagged h232r mutant of glycerol kinase2 from enterococcus casseliflavus with glycerol
95	c3ezwD_	Alignment	not modelled	8.9	23	PDB header: transferase Chain: D: PDB Molecule: glycerol kinase; PDBTitle: crystal structure of a hyperactive escherichia coli glycerol kinase2 mutant gly230 --> asp obtained using microfluidic crystallization3 devices
96	c2dnpB_	Alignment	not modelled	8.3	20	PDB header: transferase Chain: B: PDB Molecule: glycerol kinase; PDBTitle: crystal structure of the glycerol kinase from thermus2 thermophilus hb8
97	c3g25B_	Alignment	not modelled	8.2	19	PDB header: transferase Chain: B: PDB Molecule: glycerol kinase; PDBTitle: 1.9 angstrom crystal structure of glycerol kinase (glpk) from2 staphylococcus aureus in complex with glycerol.
98	d1r59o1	Alignment	not modelled	7.8	21	Fold: Ribonuclease H-like motif Superfamily: Actin-like ATPase domain Family: Glycerol kinase
99	c3kxrA_	Alignment	not modelled	7.5	29	PDB header: transport protein Chain: A: PDB Molecule: magnesium transporter, putative; PDBTitle: structure of the cystathionine beta-synthase pair domain of the2 putative mg2+ transporter so5017 from shewanella oneidensis mr-1.