

Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0802c (-) _894975_895631
Date	Fri Jul 26 01:50:38 BST 2019
Unique Job ID	06fa0ead3848644a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2vzzA_	Alignment		100.0	100	PDB header: transferase Chain: A: PDB Molecule: rv0802c; PDBTitle: crystal structure of rv0802c from mycobacterium2 tuberculosis in complex with succinyl-coa
2	c3igrA_	Alignment		100.0	14	PDB header: transferase Chain: A: PDB Molecule: ribosomal-protein-s5-alanine n-acetyltransferase; PDBTitle: the crystal structure of ribosomal-protein-s5-alanine2 acetyltransferase from vibrio fischeri to 2.0a
3	c3tcvB_	Alignment		100.0	16	PDB header: transferase Chain: B: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of a gcn5-related n-acetyltransferase from brucella2 melitensis
4	c6c37A_	Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family protein; PDBTitle: mycobacterium smegmatis rimj in complex with coa-disulfide
5	c2zw7A_	Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: bleomycin acetyltransferase; PDBTitle: crystal structure of bleomycin n-acetyltransferase complexed2 with bleomycin a2 and coenzyme a
6	c6eddB_	Alignment		100.0	20	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase pa3944; PDBTitle: crystal structure of a gnat superfamily pa3944 acetyltransferase in2 complex with coa (p1 space group)
7	d1yrea1	Alignment		100.0	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
8	c2zxvD_	Alignment		100.0	20	PDB header: transferase Chain: D: PDB Molecule: putative uncharacterized protein ttha1799; PDBTitle: crystal structure of putative acetyltransferase from t.2 thermophilus hb8
9	d1nsla_	Alignment		100.0	22	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
10	c3pzjB_	Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: probable acetyltransferases; PDBTitle: crystal structure of a probable acetyltransferases (gnat family) from2 chromobacterium violaceum atcc 12472
11	d2fcka1	Alignment		100.0	23	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT

12	c3r95A_	Alignment		100.0	16	PDB header: transferase Chain: A: PDB Molecule: mcce protein; PDBTitle: crystal structure of microcin c7 self immunity acetyltransferase mcce2 in complex with acetyl-coa
13	c3eg7F_	Alignment		100.0	11	PDB header: transferase Chain: F: PDB Molecule: spermidine n1-acetyltransferase; PDBTitle: spermidine n1-acetyltransferase from vibrio cholerae
14	c3fbuB_	Alignment		100.0	16	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase (gnat family) from2 bacillus anthracis
15	d1s7ka1	Alignment		100.0	20	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
16	c5ktaA_	Alignment		100.0	10	PDB header: transferase Chain: A: PDB Molecule: fdhc; PDBTitle: apo fdhc- a nucleotide-linked sugar gnat
17	c4r9mC_	Alignment		100.0	17	PDB header: transferase Chain: C: PDB Molecule: spermidine n(1)-acetyltransferase; PDBTitle: crystal structure of spermidine n-acetyltransferase from escherichia2 coli
18	c3owcA_	Alignment		99.9	20	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of gnat superfamily protein pa2578 from pseudomonas2 aeruginosa
19	c5ix3A_	Alignment		99.9	15	PDB header: transferase Chain: A: PDB Molecule: diamine n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus.
20	c2fsrA_	Alignment		99.9	19	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of the acetyltransferase from agrobacterium2 tumefaciens str. c58
21	c3juwC_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: C: PDB Molecule: probable gnat-family acetyltransferase; PDBTitle: putative gnat-family acetyltransferase from bordetella pertussis.
22	c2vi7C_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: C: PDB Molecule: acetyltransferase pa1377; PDBTitle: structure of a putative acetyltransferase (pa1377)from pseudomonas2 aeruginosa
23	c6erdD_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: D: PDB Molecule: aminoglycoside n6'-acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from bacillus cereus2 species.
24	c1s7fA_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: acetyl transferase; PDBTitle: rimI- ribosomal l7/l12 alpha-n-protein acetyltransferase crystal form2 i (apo)
25	c3thhL_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: L: PDB Molecule: spermidine n1-acetyltransferase; PDBTitle: structure of the spermidine n1-acetyltransferase (speg) from coxiella2 burnetii
26	d2fsra1	Alignment	not modelled	99.9	20	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
27	c4ri1A_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: udp-4-amino-4,6-dideoxy-n-acetyl-beta-l-aitrosamine n- PDBTitle: crystal structure of helicobacter pylori pseudaminic acid biosynthesis2 n -acetyltransferase pseh complex with acetyl-coa
28	c2qmIA_	Alignment	not modelled	99.9	14	PDB header: unknown function Chain: A: PDB Molecule: bh2621 protein; PDBTitle: crystal structure of an uncharacterized protein (bh2621) from bacillus2 halodurans at 1.55 a resolution

29	c4qc6A	Alignment	not modelled	99.9	14	PDB header: transferase/antibiotic Chain: A: PDB Molecule: bifunctional aac/aph; PDBTitle: crystal structure of aminoglycoside 6'-acetyltransferase-ie
30	d1yk3a1	Alignment	not modelled	99.9	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
31	c3dnsA	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: ribosomal-protein-alanine acetyltransferase; PDBTitle: the n-terminal domain of ribosomal-protein-alanine acetyltransferase2 from clostridium acetobutylicum atcc 824
32	c6bffB	Alignment	not modelled	99.9	13	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside acetyltransferase; PDBTitle: structure of the aminoglycoside acetyltransferase aac(6')-im
33	d2ge3a1	Alignment	not modelled	99.9	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
34	c5t7eD	Alignment	not modelled	99.9	16	PDB header: transferase Chain: D: PDB Molecule: phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of streptomyces hygroscopicus bialaphos resistance2 (bar) protein in complex with coenzyme a and l-phosphinothricin
35	c2i79B	Alignment	not modelled	99.9	13	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase of gnat family from2 streptococcus pneumoniae
36	d2i6ca1	Alignment	not modelled	99.9	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
37	c2pr8B	Alignment	not modelled	99.9	15	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 6-n-acetyltransferase type ib11; PDBTitle: crystal structure of aminoglycoside n-acetyltransferase2 aac(6')-ib11
38	c3f5bA	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside n(6')acetyltransferase; PDBTitle: the crystal structure of aminoglycoside n(6')acetyltransferase from2 legionella pneumophila subsp. pneumophila str. philadelphia 1.
39	d1yvoa1	Alignment	not modelled	99.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
40	c2jlmE	Alignment	not modelled	99.9	18	PDB header: transferase Chain: E: PDB Molecule: putative phosphinothricin n-acetyltransferase; PDBTitle: structure of a putative acetyltransferase (aciad1637) from2 acinetobacter baylyi adp1
41	c3dr8B	Alignment	not modelled	99.9	13	PDB header: transferase Chain: B: PDB Molecule: ynca; PDBTitle: structure of ynca, a putative acetyltransferase from salmonella2 typhimurium with its cofactor acetyl-coa
42	c5jtfB	Alignment	not modelled	99.9	14	PDB header: transferase Chain: B: PDB Molecule: putative phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of arsn n-acetyltransferase from pseudomonas putida2 kt2440
43	c4jxqA	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of a gnat superfamily phosphinothricin2 acetyltransferase (pat) from sinorhizobium meliloti 1021
44	d2ae6a1	Alignment	not modelled	99.9	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
45	c4h89A	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: the structure of a gcn5-related n-acetyltransferase from kribbella2 flavida
46	c3d3sA	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: l-2,4-diaminobutyric acid acetyltransferase; PDBTitle: crystal structure of l-2,4-diaminobutyric acid acetyltransferase from2 bordetella parapertussis
47	d1vhsa	Alignment	not modelled	99.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
48	c4j3gD	Alignment	not modelled	99.8	17	PDB header: transferase Chain: D: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of ribosomal-protein-alanine n-acetyltransferase2 from brucella melitensis
49	d1yr0a1	Alignment	not modelled	99.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
50	c5dwnC	Alignment	not modelled	99.8	9	PDB header: transferase Chain: C: PDB Molecule: phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of phosphinothricin n-acetyltransferase from2 brucella ovis in complex with acetylcoa
51	c4mbuB	Alignment	not modelled	99.8	11	PDB header: transferase Chain: B: PDB Molecule: similar to n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus2 mu50
52	c4u5yA	Alignment	not modelled	99.8	15	PDB header: ligase Chain: A: PDB Molecule: acyl-coa synthetase; PDBTitle: crystal structure of the complex between the gnat domain of s.2 lividans pat and the acetyl-coa synthetase c-terminal domain of s.3 enterica
						Fold: Acyl-CoA N-acyltransferases (Nat)

53	d2cy2a1	Alignment	not modelled	99.8	13	Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
54	c3ld2B	Alignment	not modelled	99.8	12	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of smu.2055 from streptococcus mutans ua159
55	c3eo4A	Alignment	not modelled	99.8	11	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein mj1062; PDBTitle: the crystal structure of a domain from methanocaldococcus jannaschii2 dsm 2661
56	c2pswA	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase 13; PDBTitle: human mak3 homolog in complex with coa
57	c3g8wB	Alignment	not modelled	99.8	9	PDB header: transferase Chain: B: PDB Molecule: lactococcal prophage ps3 protein 05; PDBTitle: crystal structure of a probable acetyltransferase from staphylococcus2 epidermidis atcc 12228
58	dlghea	Alignment	not modelled	99.8	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
59	c1ufhB	Alignment	not modelled	99.8	13	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: yycn protein; PDBTitle: structure of putative acetyltransferase, yycn protein of bacillus2 subtilis
60	dl1tqa	Alignment	not modelled	99.7	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
61	dlufha	Alignment	not modelled	99.7	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
62	d2fl4a1	Alignment	not modelled	99.7	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
63	c4xplA	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase, pseh; PDBTitle: the crystal structure of campylobacter jejuni n-acetyltransferase pseh2 in complex with acetyl coenzyme a
64	c4orfA	Alignment	not modelled	99.7	15	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase pat; PDBTitle: camp-binding acyltransferase from mycobacterium smegmatis, mutant r95k
65	c3c26A	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase ta0821; PDBTitle: crystal structure of a putative acetyltransferase (np_394282.1) from2 thermoplasma acidophilum at 2.00 a resolution
66	c3w6sA	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: mpr1 protein; PDBTitle: yeast n-acetyltransferase mpr1 involved in oxidative stress tolerance2 via proline metabolism
67	c4luaA	Alignment	not modelled	99.7	9	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus2 mu50
68	dlqsmA	Alignment	not modelled	99.7	10	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
69	c2r7hA	Alignment	not modelled	99.7	11	PDB header: transferase Chain: A: PDB Molecule: putative d-alanine n-acetyltransferase of gnat family; PDBTitle: crystal structure of a putative acetyltransferase of the gnat family2 (dde_3044) from desulfovibrio desulfuricans subsp. at 1.85 a3 resolution
70	c3exnA	Alignment	not modelled	99.7	15	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of acetyltransferase from thermus thermophilus hb8
71	c3fncA	Alignment	not modelled	99.7	11	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from listeria2 innocua
72	c5o7oB	Alignment	not modelled	99.7	13	PDB header: biosynthetic protein Chain: B: PDB Molecule: desferrioxamine siderophore biosynthesis protein dfoc; PDBTitle: the crystal structure of dfoc, the desferrioxamine biosynthetic2 pathway acetyltransferase/non-ribosomal peptide synthetase (nrps)-3 independent siderophore (nis) from the fire blight disease pathogen4 erwinia amylovora
73	c3pp9B	Alignment	not modelled	99.7	11	PDB header: transferase Chain: B: PDB Molecule: putative streptothricin acetyltransferase; PDBTitle: 1.6 angstrom resolution crystal structure of putative streptothricin2 acetyltransferase from bacillus anthracis str. ames in complex with3 acetyl coenzyme a
74	c4e2aA	Alignment	not modelled	99.7	12	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of the putative acetyltransferase from streptococcus2 mutans
75	c5icwB	Alignment	not modelled	99.7	14	PDB header: transferase Chain: B: PDB Molecule: n-alpha-acetyltransferase 60; PDBTitle: crystal structure of human natf (hnaa60) homodimer bound to coenzyme a
76	c5hgza	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: n-alpha-acetyltransferase 60; PDBTitle: crystal structure of human naa60 in complex with acetyl-coa
77	c2cntD	Alignment	not modelled	99.7	13	PDB header: transferase Chain: D: PDB Molecule: modification of 30s ribosomal subunit protein s18; PDBTitle: rimi - ribosomal s18 n-alpha-protein acetyltransferase in

						complex with2 coenzymeA. PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of a possible acetyltransferase from clostridium2 difficile 630
78	c3dsbB_	Alignment	not modelled	99.7	7	
79	d1s3za_	Alignment	not modelled	99.6	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
80	c4pv6E_	Alignment	not modelled	99.6	14	PDB header: transferase Chain: E: PDB Molecule: n-terminal acetyltransferase complex subunit [ard1]; PDBTitle: crystal structure analysis of ard1 from thermoplasma volcanium
81	c4avcA_	Alignment	not modelled	99.6	14	PDB header: transferase Chain: A: PDB Molecule: lysine acetyltransferase; PDBTitle: crystal structure of protein lysine acetyltransferase rv09982 in complex with acetyl coa and camp
82	c2r1iB_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: B: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of putative acetyltransferase (yp_831484.1) from2 arthrobacter sp. fb24 at 1.65 a resolution
83	c2x7bA_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase sso0209; PDBTitle: crystal structure of the n-terminal acetylase ard1 from2 sulfolobus solfataricus p2
84	c2dxqA_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: putative acetyltransferase from agrobacterium tumefaciens str. c58
85	d1mk4a_	Alignment	not modelled	99.6	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
86	c3iwgB_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: acetyltransferase from gnat family from colwellia psychrerythraea.
87	c6c95B_	Alignment	not modelled	99.6	8	PDB header: transferase Chain: B: PDB Molecule: n-alpha-acetyltransferase 10; PDBTitle: the human nata (naa10/naa15) amino-terminal acetyltransferase complex2 bound to hypk
88	c3f8kA_	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: protein acetyltransferase; PDBTitle: crystal structure of protein acetyltransferase (pat) from sulfolobus2 solfataricus
89	c3fixA_	Alignment	not modelled	99.6	11	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of a putative n-acetyltransferase (ta0374) from2 thermoplasma acidophilum
90	c2pc1A_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family; PDBTitle: crystal structure of acetyltransferase gnat family (np_688560.1) from2 streptococcus agalactiae 2603 at 1.28 a resolution
91	d2fiaa1	Alignment	not modelled	99.6	9	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
92	c4ua3A_	Alignment	not modelled	99.6	14	PDB header: transferase Chain: A: PDB Molecule: uncharacterized n-acetyltransferase c825.04c; PDBTitle: crystal structure of selenomethionine labeled spnatd
93	d2beia1	Alignment	not modelled	99.6	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
94	c4hnyB_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: B: PDB Molecule: n-terminal acetyltransferase a complex catalytic subunit PDBTitle: apo n-terminal acetyltransferase complex a
95	c2pdoG_	Alignment	not modelled	99.6	16	PDB header: transferase Chain: G: PDB Molecule: acetyltransferase ypea; PDBTitle: crystal structure of the putative acetyltransferase of gnat family2 from shigella flexneri
96	c3i9sA_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: integron cassette protein; PDBTitle: structure from the mobile metagenome of v.cholerae. integron2 cassette protein vch_cass6
97	c3d8pB_	Alignment	not modelled	99.6	11	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase of gnat family; PDBTitle: crystal structure of acetyltransferase of gnat family (np_373092.1)2 from staphylococcus aureus mu50 at 2.20 a resolution
98	c2q0yA_	Alignment	not modelled	99.6	8	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of gcn5-related n-acetyltransferase (yp_295895.1)2 from ralstonia eutropha jmp134 at 1.80 a resolution
99	c3k9uA_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: paia acetyltransferase; PDBTitle: crystal structure of paia acetyltransferase (ta0374) from thermoplasma2 acidophilum
100	c4kvoF_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: F: PDB Molecule: n-terminal acetyltransferase a complex catalytic subunit PDBTitle: the nata (naa10p/naa15p) amino-terminal acetyltransferase complex bound2 to accoa
101	c3zj0A_	Alignment	not modelled	99.5	13	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: the human o-glcnacase c-terminal domain is a pseudo histone2 acetyltransferase
102	d1sqha_	Alignment	not modelled	99.5	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: Hypothetical protein cg14615-pa

103	d2euia1	Alignment	not modelled	99.5	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
104	d1cjwa	Alignment	not modelled	99.5	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
105	c4bmhA	Alignment	not modelled	99.5	14	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of sshot
106	c4e8oB	Alignment	not modelled	99.5	16	PDB header: transferase Chain: B: PDB Molecule: aac(6')-ih protein; PDBTitle: crystal structure of aminoglycoside antibiotic 6'-n-acetyltransferase2 aac(6')-ih from acinetobacter baumannii
107	c5k18D	Alignment	not modelled	99.5	14	PDB header: transferase/transferase inhibitor Chain: D: PDB Molecule: n-terminal acetyltransferase b complex subunit nat3; PDBTitle: the natb acetyltransferase complex bound to bisubstrate inhibitor
108	c5f46A	Alignment	not modelled	99.5	12	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside acetyltransferase meta-aac0020; PDBTitle: crystal structure of an aminoglycoside acetyltransferase meta-aac00202 from an uncultured soil metagenomic sample, apoenzyme form
109	c4e0aB	Alignment	not modelled	99.5	12	PDB header: transferase Chain: B: PDB Molecule: bh1408 protein; PDBTitle: crystal structure of the mutant f44r bh1408 protein from bacillus2 halodurans, northeast structural genomics consortium (nesg) target3 bhr182
110	d1z4ea1	Alignment	not modelled	99.5	9	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
111	c3lodA	Alignment	not modelled	99.5	15	PDB header: transferase Chain: A: PDB Molecule: putative acyl-coa n-acyltransferase; PDBTitle: the crystal structure of the putative acyl-coa n-acyltransferase from2 klebsiella pneumoniae subsp.pneumoniae mgh 78578
112	c2ft0B	Alignment	not modelled	99.5	14	PDB header: transferase Chain: B: PDB Molecule: tdp-fucosamine acetyltransferase; PDBTitle: crystal structure of tdp-fucosamine acetyltransferase (wecd)- complex2 with acetyl-coa
113	c2kcwA	Alignment	not modelled	99.5	19	PDB header: transferase Chain: A: PDB Molecule: uncharacterized acetyltransferase yjab; PDBTitle: solution structure of apo-form yjab from escherichia coli
114	d2b5ga1	Alignment	not modelled	99.5	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
115	d2fiwa1	Alignment	not modelled	99.5	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
116	c4ubrA	Alignment	not modelled	99.5	16	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of pseudomonas aeruginosa n-acetyltransferase pa4534
117	d1i12a	Alignment	not modelled	99.5	10	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
118	c1ib1E	Alignment	not modelled	99.5	11	PDB header: signaling protein/transferase Chain: E: PDB Molecule: serotonin n-acetyltransferase; PDBTitle: crystal structure of the 14-3-3 zeta:serotonin n-acetyltransferase2 complex
119	c2qecA	Alignment	not modelled	99.5	17	PDB header: transferase Chain: A: PDB Molecule: histone acetyltransferase hpa2 and related PDBTitle: crystal structure of histone acetyltransferase hpa2 and related2 acetyltransferase (np_600742.1) from corynebacterium glutamicum atcc3 13032 at 1.90 a resolution
120	d1wwza1	Alignment	not modelled	99.5	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT