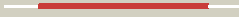







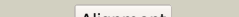





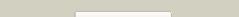





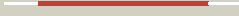



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1347c_(-) _1511979_1512611
Date	Wed Jul 31 22:05:44 BST 2019
Unique Job ID	0166d1b49e51ab40

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1yk3a1	 Alignment		100.0	100	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
2	c2qmlA	 Alignment		100.0	23	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
3	c2zw7A	 Alignment		100.0	14	PDB header: transferase Chain: A: PDB Molecule: bleomycin acetyltransferase; PDBTitle: crystal structure of bleomycin n-acetyltransferase complexed2 with bleomycin a2 and coenzyme a
4	c5o7oB	 Alignment		100.0	26	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
5	c2pr8B	 Alignment		100.0	26	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 6-n-acetyltransferase type ib11; PDBTitle: crystal structure of aminoglycoside n-acetyltransferase2 aac(6')-ib11
6	c3tcbB	 Alignment		100.0	15	PDB header: transferase Chain: B: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of a gcn5-related n-acetyltransferase from brucella2 melitensis
7	c3f5bA	 Alignment		100.0	16	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.
8	c2vzzA	 Alignment		99.9	15	PDB header: transferase Chain: A: PDB Molecule: rv0802c; PDBTitle: crystal structure of rv0802c from mycobacterium2 tuberculosis in complex with succinyl-coa
9	d1yrea1	 Alignment		99.9	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
10	c6eddB	 Alignment		99.9	17	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)
11	c6c37A	 Alignment		99.9	18	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family protein; PDBTitle: mycobacterium smegmatis rimj in complex with coa-disulfide

12	c3juwC_	Alignment		99.9	12	PDB header: transferase Chain: C: PDB Molecule: probable gnat-family acetyltransferase; PDBTitle: putative gnat-family acetyltransferase from bordetella pertussis.
13	c4qc6A_	Alignment		99.9	15	PDB header: transferase/antibiotic Chain: A: PDB Molecule: bifunctional aac/aph; PDBTitle: crystal structure of aminoglycoside 6'-acetyltransferase-ie
14	c5ktaA_	Alignment		99.9	12	PDB header: transferase Chain: A: PDB Molecule: fdhc; PDBTitle: apo fdhc- a nucleotide-linked sugar gnat
15	c2zxd_	Alignment		99.9	13	PDB header: transferase Chain: D: PDB Molecule: putative uncharacterized protein ttha1799; PDBTitle: crystal structure of putative acetyltransferase from t.2 thermophilus hb8
16	d2i6ca1	Alignment		99.9	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
17	c5ix3A_	Alignment		99.9	15	PDB header: transferase Chain: A: PDB Molecule: diamine n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus.
18	c6bffB_	Alignment		99.9	15	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside acetyltransferase; PDBTitle: structure of the aminoglycoside acetyltransferase aac(6')-im
19	c2fsrA_	Alignment		99.9	12	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of the acetyltransferase from agrobacterium2 tumefaciens str. c58
20	c4r9mC_	Alignment		99.9	12	PDB header: transferase Chain: C: PDB Molecule: spermidine n(1)-acetyltransferase; PDBTitle: crystal structure of spermidine n-acetyltransferase from escherichia2 coli
21	c3fbuB_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase (gnat family) from2 bacillus anthracis
22	c4ri1A_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: A: PDB Molecule: udp-4-amino-4,6-dideoxy-n-acetyl-beta-l-altrosamine n- PDBTitle: crystal structure of helicobacter pylori pseudaminic acid biosynthesis2 n -acetyltransferase pseh complex with acetyl-coa
23	c3igrA_	Alignment	not modelled	99.9	15	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
24	d2fcka1	Alignment	not modelled	99.9	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
25	c3owcA_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of gnat superfamily protein pa2578 from pseudomonas2 aeruginosa
26	c3eg7F_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: F: PDB Molecule: spermidine n1-acetyltransferase; PDBTitle: spermidine n1-acetyltransferase from vibrio cholerae
27	d2fsra1	Alignment	not modelled	99.9	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
28	c2vi7C_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: C: PDB Molecule: acetyltransferase pa1377; PDBTitle: structure of a putative acetyltransferase (pa1377)from

						pseudomonas2 aeruginosa
29	d1nsla_	Alignment	not modelled	99.9	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
30	c3pzjB_	Alignment	not modelled	99.9	13	PDB header: transferase Chain: B: PDB Molecule: probable acetyltransferases; PDBTitle: crystal structure of a probable acetyltransferases (gnat family) from2 chromobacterium violaceum atcc 12472
31	c3thhL_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: L: PDB Molecule: spermidine n1-acetyltransferase; PDBTitle: structure of the spermidine n1-acetyltransferase (speg) from coxiella2 burnetii
32	c3r95A_	Alignment	not modelled	99.9	13	PDB header: transferase Chain: A: PDB Molecule: mcce protein; PDBTitle: crystal structure of microcin c7 self immunity acetyltransferase mcce2 in complex with acetyl-coa
33	d1s7ka1	Alignment	not modelled	99.9	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
34	c6erdD_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: D: PDB Molecule: aminoglycoside n6'-acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from bacillus cereus2 species.
35	c1s7fA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: acetyl transferase; PDBTitle: riml- ribosomal l7/l12 alpha-n-protein acetyltransferase crystal form2 i (apo)
36	c4xplA_	Alignment	not modelled	99.9	11	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
37	d1yvoa1	Alignment	not modelled	99.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
38	c3eo4A_	Alignment	not modelled	99.9	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
39	c2i79B_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase of gnat family from2 streptococcus pneumoniae
40	c5t7eD_	Alignment	not modelled	99.9	12	PDB header: transferase Chain: D: PDB Molecule: phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of streptomyces hygrosopicus bialaphos resistance2 (bar) protein in complex with coenzyme a and l-phosphinothricin
41	c4jxqA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of a gnat superfamily phosphinothricin2 acetyltransferase (pat) from sinorhizobium meliloti 1021
42	c3dr8B_	Alignment	not modelled	99.8	18	PDB header: transferase Chain: B: PDB Molecule: ynca; PDBTitle: structure of ynca, a putative acetyltransferase from salmonella2 typhimurium with its cofactor acetyl-coa
43	c2jlmE_	Alignment	not modelled	99.8	13	PDB header: transferase Chain: E: PDB Molecule: putative phosphinothricin n-acetyltransferase; PDBTitle: structure of a putative acetyltransferase (aciad1637) from2 acinetobacter baylyi adp1
44	d2ge3a1	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
45	c4h89A_	Alignment	not modelled	99.8	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	d2fl4a1	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
47	c4u5yA_	Alignment	not modelled	99.8	17	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
48	d2ae6a1	Alignment	not modelled	99.8	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
49	c2pswA_	Alignment	not modelled	99.8	10	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase 13; PDBTitle: human mak3 homolog in complex with coa
50	c3exnA_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of acetyltransferase from thermus thermophilus hb8
51	c4j3gD_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: D: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of ribosomal-protein-alanine n-acetyltransferase2 from brucella melitensis
52	d1tiqa_	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
53	c5jtfB_	Alignment	not modelled	99.8	17	PDB header: transferase Chain: B: PDB Molecule: putative phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of arsn n-acetyltransferase from pseudomonas putida2 kt2440

54	d1yr0a1	Alignment	not modelled	99.8	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
55	c3d3sA	Alignment	not modelled	99.8	14	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
56	c4e2aA	Alignment	not modelled	99.8	13	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of the putative acetyltransferase from streptococcus2 mutans
57	d1vhsa	Alignment	not modelled	99.8	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
58	c5dwnC	Alignment	not modelled	99.8	17	PDB header: transferase Chain: C: PDB Molecule: phosphinothricin n-acetyltransferase; PDBTitle: crystal structure of phosphinothricin n-acetyltransferase from2 brucella ovis in complex with acetylcoa
59	c3c26A	Alignment	not modelled	99.8	9	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
60	c4mbuB	Alignment	not modelled	99.8	17	PDB header: transferase Chain: B: PDB Molecule: similar to n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus2 mu50
61	c4orfA	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase pat; PDBTitle: camp-binding acyltransferase from mycobacterium smegmatis, mutant r95k
62	d1s3za	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
63	c2x7bA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase sso0209; PDBTitle: crystal structure of the n-terminal acetylase ard1 from2 sulfobolus solfataricus p2
64	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
65	d2cy2a1	Alignment	not modelled	99.8	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
66	d1u6ma	Alignment	not modelled	99.8	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
67	c4pv6E	Alignment	not modelled	99.8	11	PDB header: transferase Chain: E: PDB Molecule: n-terminal acetyltransferase complex subunit [ard1]; PDBTitle: crystal structure analysis of ard1 from thermoplasma volcanium
68	c1ufhB	Alignment	not modelled	99.8	12	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: yycn protein; PDBTitle: structure of putative acetyltransferase, yycn protein of bacillus2 subtilis
69	c3dsbB	Alignment	not modelled	99.8	9	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of a possible acetyltransferase from clostridium2 difficile 630
70	c2dxqA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: putative acetyltransferase from agrobacterium tumefaciens str. c58
71	d1qsma	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
72	c5f46A	Alignment	not modelled	99.8	11	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
73	c3fixA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of a putative n-acetyltransferase (ta0374) from2 thermoplasma acidophilum
74	c3i9sA	Alignment	not modelled	99.7	10	PDB header: transferase Chain: A: PDB Molecule: integron cassette protein; PDBTitle: structure from the mobile metagenome of v.cholerae. integron2 cassette protein vch_cass6
75	c2r7hA	Alignment	not modelled	99.7	16	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
76	c3g8wB	Alignment	not modelled	99.7	11	PDB header: transferase Chain: B: PDB Molecule: lactococcal prophage ps3 protein 05; PDBTitle: crystal structure of a probable acetyltransferase from staphylococcus2 epidermidis atcc 12228
77	d1ufha	Alignment	not modelled	99.7	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
78	c3pp9B	Alignment	not modelled	99.7	13	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
79	c2r1iB_	Alignment	not modelled	99.7	16	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
80	c1ib1E_	Alignment	not modelled	99.7	16	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
81	c2pdoG_	Alignment	not modelled	99.7	19	PDB header: transferase Chain: G: PDB Molecule: acetyltransferase ypea; PDBTitle: crystal structure of the putative acetyltransferase of gnat family2 from shigella flexneri
82	d1wwza1	Alignment	not modelled	99.7	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
83	c3f8kA_	Alignment	not modelled	99.7	16	PDB header: transferase Chain: A: PDB Molecule: protein acetyltransferase; PDBTitle: crystal structure of protein acetyltransferase (pat) from sulfobolus2 solfataricus
84	d2beia1	Alignment	not modelled	99.7	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
85	c2cntD_	Alignment	not modelled	99.7	16	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 coenzyme a.
86	c4e0aB_	Alignment	not modelled	99.7	15	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
87	c5hgza_	Alignment	not modelled	99.7	14	PDB header: transferase Chain: A: PDB Molecule: n-alpha-acetyltransferase 60; PDBTitle: crystal structure of human naa60 in complex with acetyl-coa
88	d1sqha_	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: Hypothetical protein cg14615-pa
89	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
90	d1z4ea1	Alignment	not modelled	99.7	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
91	c2pc1A_	Alignment	not modelled	99.7	12	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
92	d1mk4a_	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
93	c2q0yA_	Alignment	not modelled	99.7	14	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
94	c3k9uA_	Alignment	not modelled	99.7	14	PDB header: transferase Chain: A: PDB Molecule: paia acetyltransferase; PDBTitle: crystal structure of paia acetyltransferase (ta0374) from thermoplasma2 acidophilum
95	c4avcA_	Alignment	not modelled	99.7	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
96	c4kvoF_	Alignment	not modelled	99.7	10	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
97	c6c95B_	Alignment	not modelled	99.7	12	PDB header: transferase Chain: B: PDB Molecule: n-alpha-acetyltransferase 10; PDBTitle: the human nata (naa10/naa15) amino-terminal acetyltransferase complex2 bound to hypk
98	c4m85C_	Alignment	not modelled	99.7	16	PDB header: transferase Chain: C: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus2 mu50
99	d2euia1	Alignment	not modelled	99.7	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
100	c3zj0A_	Alignment	not modelled	99.7	14	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: the human o-glcnaase c-terminal domain is a pseudo histone2 acetyltransferase
101	c5k18D_	Alignment	not modelled	99.7	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
102	c4e8oB_	Alignment	not modelled	99.7	10	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
103	c4ubrA_	Alignment	not modelled	99.7	16	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase;

103	c4u0lA_	Alignment	not modelled	99.7	10	PDBTitle: crystal structure of pseudomonas aeruginosa n-acetyltransferase pa4534 PDB header: transferase
104	c4luaA_	Alignment	not modelled	99.7	8	Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of n-acetyltransferase from staphylococcus aureus2 mu50
105	c3d8pB_	Alignment	not modelled	99.7	13	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
106	d2fiaa1	Alignment	not modelled	99.7	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
107	d1ghea_	Alignment	not modelled	99.7	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
108	d1p0ha_	Alignment	not modelled	99.7	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
109	c3dnsA_	Alignment	not modelled	99.7	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
110	d1cjwa_	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
111	c4bmbA_	Alignment	not modelled	99.7	12	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of sshat
112	c5hmnE_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: E: PDB Molecule: aac3-i; PDBTitle: crystal structure of an aminoglycoside acetyltransferase hmb0005 from2 an uncultured soil metagenomic sample, unknown active site density3 modeled as polyethylene glycol
113	c3mgdB_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: B: PDB Molecule: predicted acetyltransferase; PDBTitle: crystal structure of predicted acetyltransferase with acetyl-coa from2 clostridium acetobutylicum at the resolution 1.9a, northeast3 structural genomics consortium target car165
114	d2b5ga1	Alignment	not modelled	99.6	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
115	c3lodA_	Alignment	not modelled	99.6	17	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
116	c3blnA_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase gnat family; PDBTitle: crystal structure of acetyltransferase gnat family (np_981174.1) from2 bacillus cereus atcc 10987 at 1.31 a resolution
117	c6ao7A_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of a gnat family acetyltransferase from2 elizabethkingia anophelis with acetyl-coa bound
118	c2oh1A_	Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family; PDBTitle: crystal structure of acetyltransferase gnat family (yp_013287.1) from2 listeria monocytogenes 4b f2365 at 1.46 a resolution
119	c3fncA_	Alignment	not modelled	99.6	14	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from listeria2 innocua
120	c2reeB_	Alignment	not modelled	99.6	16	PDB header: transferase, lyase Chain: B: PDB Molecule: cura; PDBTitle: crystal structure of the loading gnat domain of cura from lnygbya2 majuscula