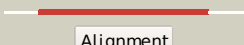

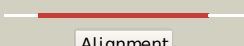

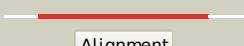

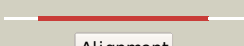











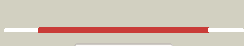










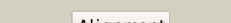
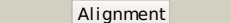
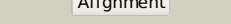
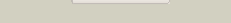
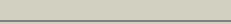






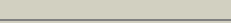


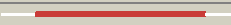

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3r95A_	 Alignment		100.0	41	PDB header: transferase Chain: A: PDB Molecule: mcce protein; PDBTitle: crystal structure of microcin c7 self immunity acetyltransferase mcce2 in complex with acetyl-coa
2	c3tcvB_	 Alignment		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
3	cls7fA_	 Alignment		100.0	67	PDB header: transferase Chain: A: PDB Molecule: acetyl transferase; PDBTitle: riml- ribosomal l7/l12 alpha-n-protein acetyltransferase crystal form2 i (apo)
4	c3igrA_	 Alignment		100.0	24	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
5	d1nsla_	 Alignment		100.0	26	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
6	d1s7ka1	 Alignment		100.0	68	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
7	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
8	c3fbuB_	 Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase (gnat family) from2 bacillus anthracis
9	d2fcka1	 Alignment		100.0	24	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
10	c2zxvD_	 Alignment		100.0	21	PDB header: transferase Chain: D: PDB Molecule: putative uncharacterized protein ttha1799; PDBTitle: crystal structure of putative acetyltransferase from t.2 thermophilus hb8
11	c2vzza_	 Alignment		100.0	18	PDB header: transferase Chain: A: PDB Molecule: rv0802c; PDBTitle: crystal structure of rv0802c from mycobacterium2 tuberculosis in complex with succinyl-coa

12	dlyrea1	Alignment		100.0	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
13	c3eg7F_	Alignment		100.0	17	PDB header: transferase Chain: F: PDB Molecule: spermidine n1-acetyltransferase; PDBTitle: spermidine n1-acetyltransferase from vibrio cholerae
14	c3owcA_	Alignment		99.9	17	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of gnat superfamily protein pa2578 from pseudomonas2 aeruginosa
15	c2vi7C_	Alignment		99.9	21	PDB header: transferase Chain: C: PDB Molecule: acetyltransferase pa1377; PDBTitle: structure of a putative acetyltransferase (pa1377)/from2 pseudomonas aeruginosa
16	c3pzjB_	Alignment		99.9	18	PDB header: transferase Chain: B: PDB Molecule: probable acetyltransferases; PDBTitle: crystal structure of a probable acetyltransferases (gnat family) from2 chromobacterium violaceum atcc 12472
17	d2qe3a1	Alignment		99.9	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
18	c2i79B_	Alignment		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
19	d1yvoa1	Alignment		99.9	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
20	c2jlmE_	Alignment		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
21	c3dr8B_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: B: PDB Molecule: ynca; PDBTitle: structure of ynca, a putative acetyltransferase from salmonella2 typhimurium with its cofactor acetyl-coa
22	c2fsrA_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of the acetyltransferase from agrobacterium2 tumefaciens str. c58
23	d1vhsa_	Alignment	not modelled	99.9	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
24	d2i6ca1	Alignment	not modelled	99.9	8	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
25	d1yr0a1	Alignment	not modelled	99.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
26	c3juwC_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: C: PDB Molecule: probable gnat-family acetyltransferase; PDBTitle: putative gnat-family acetyltransferase from bordetella pertussis.
27	d2fsra1	Alignment	not modelled	99.9	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
28	d2ae6a1	Alignment	not modelled	99.9	23	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
						PDB header: transferase Chain: A: PDB Molecule: ribosomal-protein-alanine

29	c3dnsA	Alignment	not modelled	99.9	17	acetyltransferase; PDBTitle: the n-terminal domain of ribosomal-protein-alanine acetyltransferase2 from clostridium acetobutylicum atcc 824
30	c2qmlA	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
31	c3ld2B	Alignment	not modelled	99.9	20	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of smu.2055 from streptococcus mutans ua159
32	d1yk3a1	Alignment	not modelled	99.8	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
33	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
34	c3g8wB	Alignment	not modelled	99.8	13	PDB header: transferase Chain: B: PDB Molecule: lactococcal prophage ps3 protein 05; PDBTitle: crystal structure of a probable acetyltransferase from staphylococcus2 epidermidis atcc 12228
35	c3f5bA	Alignment	not modelled	99.8	10	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.
36	c2pr8B	Alignment	not modelled	99.8	14	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 6-n-acetyltransferase type ib11; PDBTitle: crystal structure of aminoglycoside n-acetyltransferase2 aac(6')-ib11
37	c2pswA	Alignment	not modelled	99.8	13	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase 13; PDBTitle: human mak3 homolog in complex with coa
38	d1ghea	Alignment	not modelled	99.7	9	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
39	c3d3sA	Alignment	not modelled	99.7	11	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
40	d2cy2a1	Alignment	not modelled	99.7	10	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
41	d1tiqa	Alignment	not modelled	99.7	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
42	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 in2 complex with coenzyme a.
43	c3exnA	Alignment	not modelled	99.7	19	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of acetyltransferase from thermus thermophilus hb8
44	d2fl4a1	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
45	d1qsmA	Alignment	not modelled	99.6	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
46	c3c26A	Alignment	not modelled	99.6	10	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
47	c2x7bA	Alignment	not modelled	99.6	14	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase sso0209; PDBTitle: crystal structure of the n-terminal acetylase ard1 from2 sulfolobus solfataricus p2
48	c1ufhB	Alignment	not modelled	99.6	15	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: yycn protein; PDBTitle: structure of putative acetyltransferase, yycn protein of bacillus2 subtilis
49	c3pp9B	Alignment	not modelled	99.6	10	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
50	c3fixA	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of a putative n-acetyltransferase (ta0374) from2 thermoplasma acidophilum
51	c3f8kA	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: protein acetyltransferase; PDBTitle: crystal structure of protein acetyltransferase (pat) from2 sulfolobus solfataricus
52	d1ufha	Alignment	not modelled	99.6	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
53	c2r7hA	Alignment	not modelled	99.6	15	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
54	c3k9uA	Alignment	not modelled	99.6	16 PDB header: transferase Chain: A: PDB Molecule: paia acetyltransferase; PDBTitle: crystal structure of paia acetyltransferase (ta0374) from thermoplasma2 acidophilum
55	d2fiaa1	Alignment	not modelled	99.6	12 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
56	c3dsbB	Alignment	not modelled	99.6	9 PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of a possible acetyltransferase from clostridium2 difficile 630
57	c2pc1A	Alignment	not modelled	99.6	15 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
58	c3fncA	Alignment	not modelled	99.5	8 PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from listeria2 innocua
59	c2oh1A	Alignment	not modelled	99.5	13 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
60	d1s3za	Alignment	not modelled	99.5	14 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
61	d1mk4a	Alignment	not modelled	99.5	16 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
62	d2beia1	Alignment	not modelled	99.5	13 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
63	c2dxqA	Alignment	not modelled	99.5	13 PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: putative acetyltransferase from agrobacterium tumefaciens str. c58
64	c2pdoG	Alignment	not modelled	99.5	15 PDB header: transferase Chain: G: PDB Molecule: acetyltransferase ypea; PDBTitle: crystal structure of the putative acetyltransferase of gnat family2 from shigella flexneri
65	c3i9sA	Alignment	not modelled	99.5	16 PDB header: transferase Chain: A: PDB Molecule: integron cassette protein; PDBTitle: structure from the mobile metagenome of v.cholerae. integron2 cassette protein vch_cass6
66	c2kcwA	Alignment	not modelled	99.5	13 PDB header: transferase Chain: A: PDB Molecule: uncharacterized acetyltransferase yjab; PDBTitle: solution structure of apo-form yjab from escherichia coli
67	d2fiwa1	Alignment	not modelled	99.4	8 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
68	c3d8pB	Alignment	not modelled	99.4	12 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
69	d1z4ea1	Alignment	not modelled	99.4	13 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
70	d1wwza1	Alignment	not modelled	99.4	16 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
71	c2r1iB	Alignment	not modelled	99.4	9 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
72	d2euia1	Alignment	not modelled	99.4	15 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
73	d2b5ga1	Alignment	not modelled	99.4	11 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
74	c3frmF	Alignment	not modelled	99.4	14 PDB header: structural genomics, unknown function Chain: F: PDB Molecule: uncharacterized conserved protein; PDBTitle: the crystal structure of a functionally unknown conserved protein from2 staphylococcus epidermidis atcc 12228.
75	d1sqha	Alignment	not modelled	99.4	14 Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: Hypothetical protein cg14615-pa
76	c2reeB	Alignment	not modelled	99.4	19 PDB header: transferase, lyase Chain: B: PDB Molecule: cura; PDBTitle: crystal structure of the loading gnatI domain of cura from lyngbya2 majuscula
77	c2ft0B	Alignment	not modelled	99.4	12 PDB header: transferase Chain: B: PDB Molecule: tdp-fucosamine acetyltransferase; PDBTitle: crystal structure of tdp-fucosamine acetyltransferase (wecd)- complex2 with acetyl-coa
78	c3blnA	Alignment	not modelled	99.4	10 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

79	c2q0yA	Alignment	not modelled	99.3	9	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
80	d1u6ma	Alignment	not modelled	99.3	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
81	d1cjwa	Alignment	not modelled	99.3	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
82	c3iwgB	Alignment	not modelled	99.3	22	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: acetyltransferase from gnat family from colwellia psychrerythraea.
83	c3lodA	Alignment	not modelled	99.3	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
84	d2fe7a1	Alignment	not modelled	99.3	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
85	d1yvka1	Alignment	not modelled	99.3	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
86	c1ib1E	Alignment	not modelled	99.3	15	PDB header: signaling protein/transferase Chain: E: PDB Molecule: serotonin n-acetyltransferase; PDBTitle: crystal structure of the 14-3-3 zeta:serotonin n-2 acetyltransferase complex
87	c2vxkA	Alignment	not modelled	99.2	12	PDB header: transferase Chain: A: PDB Molecule: glucosamine 6-phosphate acetyltransferase; PDBTitle: structural comparison between aspergillus fumigatus and2 human gna1
88	d1n71a	Alignment	not modelled	99.2	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
89	d1y9ka1	Alignment	not modelled	99.2	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
90	d1i12a	Alignment	not modelled	99.2	9	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
91	c3mgdB	Alignment	not modelled	99.2	9	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
92	c3fb3A	Alignment	not modelled	99.2	15	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of trypanosoma brucei acetyltransferase,2 tb11.01.2886
93	d1p0ha	Alignment	not modelled	99.2	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
94	c3g3sA	Alignment	not modelled	99.2	13	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of gcn5-related n-acetyltransferase-like protein2 (zp_00874857) (zp_00874857.1) from streptococcus suis 89/1591 at 1.803 a resolution
95	c2qecA	Alignment	not modelled	99.2	14	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
96	c2q7bA	Alignment	not modelled	99.2	15	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family; PDBTitle: crystal structure of acetyltransferase (np_689019.1) from2 streptococcus agalactiae 2603 at 2.00 a resolution
97	d1vkca	Alignment	not modelled	99.2	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
98	c2huzB	Alignment	not modelled	99.2	11	PDB header: structural genomics, transferase Chain: B: PDB Molecule: glucosamine 6-phosphate n-acetyltransferase; PDBTitle: crystal structure of gnpmat1
99	d1yx0a1	Alignment	not modelled	99.2	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
100	d1xeba	Alignment	not modelled	99.1	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
101	c3ey5A	Alignment	not modelled	99.1	14	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase-like, gnat family; PDBTitle: putative acetyltransferase from gnat family from bacteroides2 thetaiotaomicron.
102	c2r98A	Alignment	not modelled	99.1	14	PDB header: transferase Chain: A: PDB Molecule: putative acetylglutamate synthase; PDBTitle: crystal structure of n-acetylglutamate synthase (selenomet2 substituted) from neisseria gonorrhoeae
103	c3e0kA	Alignment	not modelled	99.1	14	PDB header: transferase Chain: A: PDB Molecule: amino-acid acetyltransferase; PDBTitle: crystal structure of c-termianl domain of n-acetylglutamate synthase2 from vibrio parahaemolyticus

104	c3h4qA	 Alignment	not modelled	99.1	11	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of putative acetyltransferase (np_371943.1) from2 staphylococcus aureus mu50 at 2.50 a resolution
105	d2gana1	 Alignment	not modelled	99.0	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
106	c3dddA	 Alignment	not modelled	99.0	12	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase (np_142035.1) from2 pyrococcus horikoshii at 2.25 a resolution
107	d2jdca1	 Alignment	not modelled	99.0	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
108	c2wpwA	 Alignment	not modelled	98.9	14	PDB header: transferase Chain: A: PDB Molecule: orf14; PDBTitle: tandem gnat protein from the clavulanic acid biosynthesis2 pathway (without accoa)
109	c3fynA	 Alignment	not modelled	98.9	17	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: integron gene cassette protein hfx_cass3; PDBTitle: crystal structure from the mobile metagenome of cole2 harbour salt marsh: integron cassette protein hfx_cass3
110	d2g3aa1	 Alignment	not modelled	98.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
111	c3efaA	 Alignment	not modelled	98.9	9	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of putative n-acetyltransferase from lactobacillus2 plantarum
112	c1bo4A	 Alignment	not modelled	98.9	11	PDB header: transferase Chain: A: PDB Molecule: protein (serratia marcescens aminoglycoside-3-n- PDBTitle: crystal structure of a gcn5-related n-acetyltransferase: serratia2 marescens aminoglycoside 3-n-acetyltransferase
113	d1bo4a	 Alignment	not modelled	98.9	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
114	c3gy9A	 Alignment	not modelled	98.9	13	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of putative acetyltransferase (yp_001815201.1) from2 exigubacterium sp. 255-15 at 1.52 a resolution
115	d1y9wa1	 Alignment	not modelled	98.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
116	c3ec4B	 Alignment	not modelled	98.8	11	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase from the gnat family; PDBTitle: crystal structure of putative acetyltransferase from the gnat family2 (yp_497011.1) from novosphingobium aromaticivorans dsm 12444 at 1.803 a resolution
117	c2k5tA	 Alignment	not modelled	98.8	12	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein yhhk; PDBTitle: solution nmr structure of putative n-acetyl transferase2 yhhk from e. coli bound to coenzyme a: northeast3 structural genomics consortium target et106
118	d1z4ra1	 Alignment	not modelled	98.8	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
119	d2atra1	 Alignment	not modelled	98.7	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
120	d1y7ra1	 Alignment	not modelled	98.7	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT