

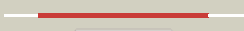




















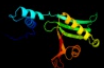









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlyx0a1	 Alignment		100.0	54	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
2	c3lodA_	 Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: putative acyl-coa n-acyltransferase; PDBTitle: the crystal structure of the putative acyl-coa n-acyltransferase from2 klebsiella pneumoniae subsp.pneumoniae mgh 78578
3	dln71a_	 Alignment		99.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
4	c2q7bA_	 Alignment		99.9	23	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
5	c2cntD_	 Alignment		99.9	18	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 coenzymeA.
6	d1tiqa_	 Alignment		99.9	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
7	c2r7hA_	 Alignment		99.9	13	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
8	dlghea_	 Alignment		99.9	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
9	c3d8pB_	 Alignment		99.9	15	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
10	c3blnA_	 Alignment		99.9	15	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
11	d2fiaa1	 Alignment		99.9	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT

12	c2pswA	Alignment		99.9	14	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase 13; PDBTitle: human mak3 homolog in complex with coa
13	dly9wa1	Alignment		99.9	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
14	d2jdca1	Alignment		99.9	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
15	c3efaA	Alignment		99.9	14	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of putative n-acetyltransferase from lactobacillus2 plantarum
16	c3dsbB	Alignment		99.9	11	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of a possible acetyltransferase from clostridium2 difficile 630
17	dls3za	Alignment		99.9	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
18	dlyvoa1	Alignment		99.9	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
19	c2oh1A	Alignment		99.9	15	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
20	dlyvka1	Alignment		99.9	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
21	d2i6ca1	Alignment	not modelled	99.8	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
22	c3dr8B	Alignment	not modelled	99.8	14	PDB header: transferase Chain: B: PDB Molecule: ynca; PDBTitle: structure of ynca, a putative acetyltransferase from salmonella2 typhimurium with its cofactor acetyl-coa
23	dly9ka1	Alignment	not modelled	99.8	22	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
24	d1mk4a	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
25	d2beia1	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
26	c2r98A	Alignment	not modelled	99.8	24	PDB header: transferase Chain: A: PDB Molecule: putative acetylglutamate synthase; PDBTitle: crystal structure of n-acetylglutamate synthase (selenomet2 substituted) from neisseria gonorrhoeae
27	d2g3aa1	Alignment	not modelled	99.8	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
28	c3i9sa	Alignment	not modelled	99.8	13	PDB header: transferase Chain: A: PDB Molecule: integron cassette protein; PDBTitle: structure from the mobile metagenome of v.cholerae. integron2 cassette protein vch_cass6
29	c2dvaA	Alignment	not modelled	99.8	17	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase;

29	c2uxqA	Alignment	not modelled	99.8	17	PDBTitle: putative acetyltransferase from agrobacterium tumefaciens str. c58 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
30	c1ib1E	Alignment	not modelled	99.8	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
31	c2pc1A	Alignment	not modelled	99.8	12	PDB header: transferase Chain: A: PDB Molecule: probable acetyltransferase; PDBTitle: crystal structure of acetyltransferase from thermus thermophilus hb8
32	c3exnA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: G: PDB Molecule: acetyltransferase ypea; PDBTitle: crystal structure of the putative acetyltransferase of gnat family2 from shigella flexneri
33	c2pdoG	Alignment	not modelled	99.8	16	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
34	c2q0yA	Alignment	not modelled	99.8	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
35	d1vhsa	Alignment	not modelled	99.8	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
36	d2cy2a1	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: paia acetyltransferase; PDBTitle: crystal structure of paia acetyltransferase (ta0374) from thermoplasma2 acidophilum
37	c3k9uA	Alignment	not modelled	99.8	14	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
38	c2rl1B	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 sulfolobus solfataricus p2
39	c2x7bA	Alignment	not modelled	99.8	17	PDB header: transferase, lyase Chain: B: PDB Molecule: cura; PDBTitle: crystal structure of the loading gnatl domain of cura from lymbgbya2 majuscula
40	c2reeB	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
41	d1qsra	Alignment	not modelled	99.8	10	PDB header: transferase Chain: A: PDB Molecule: protein acetyltransferase; PDBTitle: crystal structure of protein acetyltransferase (pat) from2 sulfolobus solfataricus
42	c3f8kA	Alignment	not modelled	99.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
43	d1u6ma	Alignment	not modelled	99.8	18	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
44	d1qsma	Alignment	not modelled	99.8	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
45	d2euia1	Alignment	not modelled	99.8	23	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
46	c3c26A	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
47	c2jlmE	Alignment	not modelled	99.8	19	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of a putative n-acetyltransferase (ta0374) from2 thermoplasma acidophilum
48	c3fixA	Alignment	not modelled	99.8	14	PDB header: transferase Chain: A: PDB Molecule: putative acetyltransferase; PDBTitle: crystal structure of a putative acetyltransferase from listeria2 innocua
49	c3fncA	Alignment	not modelled	99.8	16	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	c3pp9B	Alignment	not modelled	99.8	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
51	d2fl4a1	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
52	d2fiwa1	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
53	c3g8wB	Alignment	not modelled	99.8	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
54	d2ae6a1	Alignment	not modelled	99.8	24	

55	c3mgdB_	Alignment	not modelled	99.8	20	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
56	d2atra1	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
57	c3ey5A_	Alignment	not modelled	99.8	11	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase-like, gnat family; PDBTitle: putative acetyltransferase from gnat family from bacteroides2 thetaiotaomicron.
58	d1yr0a1	Alignment	not modelled	99.8	12	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
59	d1q2ya_	Alignment	not modelled	99.8	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
60	d2b5ga1	Alignment	not modelled	99.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
61	d1y7ra1	Alignment	not modelled	99.8	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
62	d2fe7a1	Alignment	not modelled	99.8	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
63	d1cjwa_	Alignment	not modelled	99.8	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
64	d1z4ra1	Alignment	not modelled	99.8	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
65	c3fynA_	Alignment	not modelled	99.8	20	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
66	c3e0kA_	Alignment	not modelled	99.8	15	PDB header: transferase Chain: A: PDB Molecule: amino-acid acetyltransferase; PDBTitle: crystal structure of c-terminal domain of n-acetylglutamate synthase2 from vibrio parahaemolyticus
67	c3ld2B_	Alignment	not modelled	99.8	13	PDB header: transferase Chain: B: PDB Molecule: putative acetyltransferase; PDBTitle: the crystal structure of smu.2055 from streptococcus mutans ua159
68	d1wwza1	Alignment	not modelled	99.8	11	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
69	c3fb3A_	Alignment	not modelled	99.8	12	PDB header: transferase Chain: A: PDB Molecule: n-acetyltransferase; PDBTitle: crystal structure of trypanosoma brucei acetyltransferase,2 tb11.01.2886
70	c1ufhB_	Alignment	not modelled	99.8	17	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: yycn protein; PDBTitle: structure of putative acetyltransferase, yycn protein of bacillus2 subtilis
71	c2kcwA_	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: uncharacterized acetyltransferase yjab; PDBTitle: solution structure of apo-form yjab from escherichia coli
72	d1ygha_	Alignment	not modelled	99.8	10	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
73	c2ozhA_	Alignment	not modelled	99.7	12	PDB header: transferase Chain: A: PDB Molecule: hypothetical protein xcc2953; PDBTitle: crystal structure of a putative acetyltransferase belonging to the2 gnat family (xcc2953) from xanthomonas campestris pv. campestris at3 1.40 a resolution
74	c3d3sA_	Alignment	not modelled	99.7	13	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
75	d1z4ea1	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
76	c3frmF_	Alignment	not modelled	99.7	12	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.
77	d1cm0a_	Alignment	not modelled	99.7	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
78	c3dddA_	Alignment	not modelled	99.7	16	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
79	d1i12a_	Alignment	not modelled	99.7	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
80	c2qecA_	Alignment	not modelled	99.7	15	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
81	d2gana1	Alignment	not modelled	99.7	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
82	dlvkca_	Alignment	not modelled	99.7	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
83	dlufha_	Alignment	not modelled	99.7	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
84	c3gy9A_	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of putative acetyltransferase (yp_001815201.1) from2 exiguobacterium sp. 255-15 at 1.52 a resolution
85	c1bo4A_	Alignment	not modelled	99.7	14	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
86	dlbo4a_	Alignment	not modelled	99.7	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
87	c2huzB_	Alignment	not modelled	99.7	12	PDB header: structural genomics, transferase Chain: B: PDB Molecule: glucosamine 6-phosphate n-acetyltransferase; PDBTitle: crystal structure of gnpnat1
88	dlxeba_	Alignment	not modelled	99.7	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
89	c2i79B_	Alignment	not modelled	99.7	19	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: the crystal structure of the acetyltransferase of gnat family from2 streptococcus pneumoniae
90	dls7ka1	Alignment	not modelled	99.7	13	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
91	c2vxkA_	Alignment	not modelled	99.7	13	PDB header: transferase Chain: A: PDB Molecule: glucosamine 6-phosphate acetyltransferase; PDBTitle: structural comparison between aspergillus fumigatus and2 human gna1
92	c3h4qA_	Alignment	not modelled	99.7	17	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
93	c2k5tA_	Alignment	not modelled	99.7	18	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
94	c3ec4B_	Alignment	not modelled	99.7	22	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
95	dlp0ha_	Alignment	not modelled	99.7	17	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
96	d2ozga2	Alignment	not modelled	99.7	16	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: EF1021-like
97	c2ft0B_	Alignment	not modelled	99.6	18	PDB header: transferase Chain: B: PDB Molecule: tdp-fucosamine acetyltransferase; PDBTitle: crystal structure of tdp-fucosamine acetyltransferase (wecd)- complex2 with acetyl-coa
98	c2ozgA_	Alignment	not modelled	99.6	16	PDB header: transferase Chain: A: PDB Molecule: gcn5-related n-acetyltransferase; PDBTitle: crystal structure of gcn5-related n-acetyltransferase (yp_325469.1)2 from anabaena variabilis atcc 29413 at 2.00 a resolution
99	c2wpwA_	Alignment	not modelled	99.6	13	PDB header: transferase Chain: A: PDB Molecule: orf14; PDBTitle: tandem gnat protein from the clavulanic acid biosynthesis2 pathway (without accoa)
100	d2i00a2	Alignment	not modelled	99.6	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: EF1021-like
101	d1yk3a1	Alignment	not modelled	99.6	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
102	c3t9yA_	Alignment	not modelled	99.6	3	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase, gnat family; PDBTitle: crystal structure of gnat family acetyltransferase staphylococcus2 aureus subsp. aureus usa300 tch1516
103	c2i00D_	Alignment	not modelled	99.6	15	PDB header: transferase Chain: D: PDB Molecule: acetyltransferase, gnat family; PDBTitle: crystal structure of acetyltransferase (gnat family) from enterococcus2 faecalis
104	d2ge3a1	Alignment	not modelled	99.6	21	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT

105	c2pr8B_	 Alignment	not modelled	99.6	12	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 6-n-acetyltransferase type ib11; PDBTitle: crystal structure of aminoglycoside n-acetyltransferase2 aac(6')-ib11
106	c2qmlA_	 Alignment	not modelled	99.6	10	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
107	d2hv2a2	 Alignment	not modelled	99.6	19	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: EF1021-like
108	d1sqha_	 Alignment	not modelled	99.6	15	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: Hypothetical protein cg14615-pa
109	c3eo4A_	 Alignment	not modelled	99.6	9	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
110	c3s6fA_	 Alignment	not modelled	99.6	12	PDB header: transferase Chain: A: PDB Molecule: hypothetical acetyltransferase; PDBTitle: crystal structure of a hypothetical acetyltransferase (dr_1678) from2 deinococcus radiodurans at 1.19 a resolution
111	d1m4ia_	 Alignment	not modelled	99.6	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
112	c3g3sA_	 Alignment	not modelled	99.5	18	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
113	c3r1kA_	 Alignment	not modelled	99.5	16	PDB header: transferase Chain: A: PDB Molecule: enhanced intracellular survival protein; PDBTitle: crystal structure of acetyltransferase eis from mycobacterium2 tuberculosis h37rv in complex with coa and an acetamide moiety
114	c2hv2D_	 Alignment	not modelled	99.5	18	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: hypothetical protein; PDBTitle: crystal structure of conserved protein of unknown function from2 enterococcus faecalis v583 at 2.4 a resolution, probable n-3 acyltransferase
115	c2vi7C_	 Alignment	not modelled	99.5	19	PDB header: transferase Chain: C: PDB Molecule: acetyltransferase pa1377; PDBTitle: structure of a putative acetyltransferase (pa1377)from2 pseudomonas aeruginosa
116	c2vzzA_	 Alignment	not modelled	99.5	12	PDB header: transferase Chain: A: PDB Molecule: rv0802c; PDBTitle: crystal structure of rv0802c from mycobacterium2 tuberculosis in complex with succinyl-coa
117	c3iwigB_	 Alignment	not modelled	99.5	18	PDB header: transferase Chain: B: PDB Molecule: acetyltransferase, gnat family; PDBTitle: acetyltransferase from gnat family from colwellia psychrerythraea.
118	c3jvnA_	 Alignment	not modelled	99.5	18	PDB header: transferase Chain: A: PDB Molecule: acetyltransferase; PDBTitle: crystal structure of the acetyltransferase vf_1542 from vibrio2 fischeri, northeast structural genomics consortium target vfr136
119	d1nsla_	 Alignment	not modelled	99.5	14	Fold: Acyl-CoA N-acyltransferases (Nat) Superfamily: Acyl-CoA N-acyltransferases (Nat) Family: N-acetyl transferase, NAT
120	c3igrA_	 Alignment	not modelled	99.5	12	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