


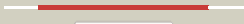
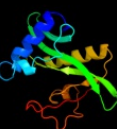








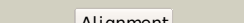

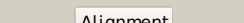

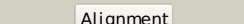

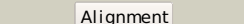



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1n71a_</a>	 Alignment		99.8	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
2	<a href="#">d1mk4a_</a>	 Alignment		99.8	15	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
3	<a href="#">c3efaA_</a>	 Alignment		99.8	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> crystal structure of putative n-acetyltransferase from lactobacillus2 plantarum
4	<a href="#">d1tiqa_</a>	 Alignment		99.8	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
5	<a href="#">c3r1kA_</a>	 Alignment		99.8	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> enhanced intracellular survival protein; <b>PDBTitle:</b> crystal structure of acetyltransferase eis from mycobacterium2 tuberculosis h37rv in complex with coa and an acetamide moiety
6	<a href="#">c2r98A_</a>	 Alignment		99.8	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetylglutamate synthase; <b>PDBTitle:</b> crystal structure of n-acetylglutamate synthase (selenomet2 substituted) from neisseria gonorrhoeae
7	<a href="#">d2ozga2</a>	 Alignment		99.8	18	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> EF1021-like
8	<a href="#">d2jdca1</a>	 Alignment		99.8	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
9	<a href="#">d1s3za_</a>	 Alignment		99.8	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
10	<a href="#">d2hv2a2</a>	 Alignment		99.8	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> EF1021-like
11	<a href="#">d2cy2a1</a>	 Alignment		99.8	21	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT

12	<a href="#">c2ozgA</a>	Alignment		99.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gcn5-related n-acetyltransferase; <b>PDBTitle:</b> crystal structure of gcn5-related n-acetyltransferase (yp_325469.1)2 from anabaena variabilis atcc 29413 at 2.00 a resolution
13	<a href="#">d2i00a2</a>	Alignment		99.8	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> EF1021-like
14	<a href="#">c2q0yA</a>	Alignment		99.8	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gcn5-related n-acetyltransferase; <b>PDBTitle:</b> crystal structure of gcn5-related n-acetyltransferase (yp_295895.1)2 from ralstonia eutropha jmp134 at 1.80 a resolution
15	<a href="#">c3blnA</a>	Alignment		99.8	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase gnat family (np_981174.1) from2 bacillus cereus atcc 10987 at 1.31 a resolution
16	<a href="#">c1ib1E</a>	Alignment		99.8	19	<b>PDB header:</b> signaling protein/transferase <b>Chain:</b> E: <b>PDB Molecule:</b> serotonin n-acetyltransferase; <b>PDBTitle:</b> crystal structure of the 14-3-3 zeta:serotonin n-2 acetyltransferase complex
17	<a href="#">c2r7hA</a>	Alignment		99.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative d-alanine n-acetyltransferase of gnat family; <b>PDBTitle:</b> crystal structure of a putative acetyltransferase of the gnat family2 (dde_3044) from desulfovibrio desulfuricans subsp. at 1.85 a3 resolution
18	<a href="#">d1ghea</a>	Alignment		99.8	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
19	<a href="#">d2fiaa1</a>	Alignment		99.8	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
20	<a href="#">c2pswA</a>	Alignment		99.8	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyltransferase 13; <b>PDBTitle:</b> human mak3 homolog in complex with coa
21	<a href="#">c2reeB</a>	Alignment	not modelled	99.8	14	<b>PDB header:</b> transferase, lyase <b>Chain:</b> B: <b>PDB Molecule:</b> cura; <b>PDBTitle:</b> crystal structure of the loading gnatI domain of cura from lymbya2 majuscula
22	<a href="#">c2hv2D</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> hypothetical protein; <b>PDBTitle:</b> crystal structure of conserved protein of unknown function from2 enterococcus faecalis v583 at 2.4 a resolution, probable n-3 acyltransferase
23	<a href="#">c2cntD</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> modification of 30s ribosomal subunit protein s18; <b>PDBTitle:</b> rimi - ribosomal s18 n-alpha-protein acetyltransferase in2 complex with coenzymeA.
24	<a href="#">d2fiwa1</a>	Alignment	not modelled	99.8	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
25	<a href="#">d1u6ma</a>	Alignment	not modelled	99.8	23	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
26	<a href="#">c3d8pB</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> acetyltransferase of gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase of gnat family (np_373092.1)2 from staphylococcus aureus mu50 at 2.20 a resolution
27	<a href="#">c3fynA</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> integron gene cassette protein hfx_cass3; <b>PDBTitle:</b> crystal structure from the mobile metagenome of cole2 harbour salt marsh: integron cassette protein hfx_cass3
28	<a href="#">c3i9sA</a>	Alignment	not modelled	99.8	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> integron cassette protein; <b>PDBTitle:</b> structure from the mobile metagenome of v.cholerae.

						integron2 cassette protein vch_cass6
29	<a href="#">c2r1iB_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> gcn5-related n-acetyltransferase; <b>PDBTitle:</b> crystal structure of putative acetyltransferase (yp_831484.1) from2 arthrobacter sp. fb24 at 1.65 a resolution
30	<a href="#">c3dr8B_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> ynca; <b>PDBTitle:</b> structure of ynca, a putative acetyltransferase from salmonella2 typhimurium with its cofactor acetyl-coa
31	<a href="#">d1yx0a1</a>	Alignment	not modelled	99.8	19	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
32	<a href="#">d2beia1</a>	Alignment	not modelled	99.8	15	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
33	<a href="#">d1vhsa_</a>	Alignment	not modelled	99.8	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
34	<a href="#">c3n7zD_</a>	Alignment	not modelled	99.8	16	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase from bacillus anthracis
35	<a href="#">c3e0kA_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> amino-acid acetyltransferase; <b>PDBTitle:</b> crystal structure of c-termianl domain of n-acetylglutamate synthase2 from vibrio parahaemolyticus
36	<a href="#">c3fb3A_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyltransferase; <b>PDBTitle:</b> crystal structure of trypanosoma brucei acetyltransferase,2 tb11.01.2886
37	<a href="#">d1m4ia_</a>	Alignment	not modelled	99.8	15	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
38	<a href="#">c2x7bA_</a>	Alignment	not modelled	99.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyltransferase sso0209; <b>PDBTitle:</b> crystal structure of the n-terminal acetylase ard1 from2 sulfolobus solfataricus p2
39	<a href="#">c2i00D_</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase (gnat family) from enterococcus2 faecalis
40	<a href="#">d1y9wa1</a>	Alignment	not modelled	99.7	21	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
41	<a href="#">d1yvoa1</a>	Alignment	not modelled	99.7	24	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
42	<a href="#">c3lodA_</a>	Alignment	not modelled	99.7	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acyl-coa n-acyltransferase; <b>PDBTitle:</b> the crystal structure of the putative acyl-coa n-acyltransferase from2 klebsiella pneumoniae subsp.pneumoniae mgh 78578
43	<a href="#">d1cjwa_</a>	Alignment	not modelled	99.7	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
44	<a href="#">c2pdoG_</a>	Alignment	not modelled	99.7	21	<b>PDB header:</b> transferase <b>Chain:</b> G: <b>PDB Molecule:</b> acetyltransferase ypea; <b>PDBTitle:</b> crystal structure of the putative acetyltransferase of gnat family2 from shigella flexneri
45	<a href="#">c3d3sA_</a>	Alignment	not modelled	99.7	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> l-2,4-diaminobutyric acid acetyltransferase; <b>PDBTitle:</b> crystal structure of l-2,4-diaminobutyric acid acetyltransferase from2 bordetella parapertussis
46	<a href="#">c3dsbB_</a>	Alignment	not modelled	99.7	11	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> the crystal structure of a possible acetyltransferase from clostridium2 difficile 630
47	<a href="#">c2oh1A_</a>	Alignment	not modelled	99.7	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase gnat family (yp_013287.1) from2 listeria monocytogenes 4b f2365 at 1.46 a resolution
48	<a href="#">d1qsmA_</a>	Alignment	not modelled	99.7	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
49	<a href="#">c2jlmE_</a>	Alignment	not modelled	99.7	17	<b>PDB header:</b> transferase <b>Chain:</b> E: <b>PDB Molecule:</b> putative phosphinothricin n-acetyltransferase; <b>PDBTitle:</b> structure of a putative acetyltransferase (aciad1637) from2 acinetobacter baylyi adp1
50	<a href="#">d2euia1</a>	Alignment	not modelled	99.7	15	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
51	<a href="#">d2ae6a1</a>	Alignment	not modelled	99.7	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
52	<a href="#">d1q2ya_</a>	Alignment	not modelled	99.7	8	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
53	<a href="#">c3dddA_</a>	Alignment	not modelled	99.7	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> crystal structure of a putative acetyltransferase (np_142035.1) from2 pyrococcus horikoshii at 2.25 a resolution
						<b>PDB header:</b> transferase

54	<a href="#">c3f8kA_</a>	Alignment	not modelled	99.7	20	<b>Chain:</b> A: <b>PDB Molecule:</b> protein acetyltransferase; <b>PDBTitle:</b> crystal structure of protein acetyltransferase (pat) from2 sulfobolus solfataricus
55	<a href="#">c2qecA_</a>	Alignment	not modelled	99.7	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> histone acetyltransferase hpa2 and related <b>PDBTitle:</b> crystal structure of histone acetyltransferase hpa2 and related2 acetyltransferase (np_600742.1) from corynebacterium glutamicum atcc3 13032 at 1.90 a resolution
56	<a href="#">d1i12a_</a>	Alignment	not modelled	99.7	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
57	<a href="#">c2dxqA_</a>	Alignment	not modelled	99.7	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase; <b>PDBTitle:</b> putative acetyltransferase from agrobacterium tumefaciens str. c58
58	<a href="#">c3g8wB_</a>	Alignment	not modelled	99.7	10	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> lactococcal prophage ps3 protein 05; <b>PDBTitle:</b> crystal structure of a probable acetyltransferase from staphylococcus2 epidermidis atcc 12228
59	<a href="#">c3fncA_</a>	Alignment	not modelled	99.7	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> crystal structure of a putative acetyltransferase from listeria2 innocua
60	<a href="#">c3mgdB_</a>	Alignment	not modelled	99.7	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> predicted acetyltransferase; <b>PDBTitle:</b> crystal structure of predicted acetyltransferase with acetyl-coa from2 clostridium acetobutylicum at the resolution 1.9a, northeast3 structural genomics consortium target car165
61	<a href="#">c3ey5A_</a>	Alignment	not modelled	99.7	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase-like, gnat family; <b>PDBTitle:</b> putative acetyltransferase from gnat family from bacteroides2 thetaiotaomicron.
62	<a href="#">d1y7ra1</a>	Alignment	not modelled	99.7	19	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
63	<a href="#">d1yr0a1</a>	Alignment	not modelled	99.7	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
64	<a href="#">d2i6ca1</a>	Alignment	not modelled	99.7	19	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
65	<a href="#">c2q7bA_</a>	Alignment	not modelled	99.7	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> crystal structure of acetyltransferase (np_689019.1) from2 streptococcus agalactiae 2603 at 2.00 a resolution
66	<a href="#">d2atra1</a>	Alignment	not modelled	99.7	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
67	<a href="#">d1wwza1</a>	Alignment	not modelled	99.7	18	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
68	<a href="#">d2b5ga1</a>	Alignment	not modelled	99.7	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
69	<a href="#">d2fe7a1</a>	Alignment	not modelled	99.7	19	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
70	<a href="#">d1qsra_</a>	Alignment	not modelled	99.7	14	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
71	<a href="#">d2g3aa1</a>	Alignment	not modelled	99.7	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
72	<a href="#">d1xeba_</a>	Alignment	not modelled	99.7	15	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
73	<a href="#">c3c26A_</a>	Alignment	not modelled	99.7	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyltransferase ta0821; <b>PDBTitle:</b> crystal structure of a putative acetyltransferase (np_394282.1) from2 thermoplasma acidophilum at 2.00 a resolution
74	<a href="#">c3ld2B_</a>	Alignment	not modelled	99.7	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> the crystal structure of smu.2055 from streptococcus mutans ua159
75	<a href="#">c3fixA_</a>	Alignment	not modelled	99.7	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyltransferase; <b>PDBTitle:</b> crystal structure of a putative n-acetyltransferase (ta0374) from2 thermoplasma acidophilum
76	<a href="#">c3t9yA_</a>	Alignment	not modelled	99.6	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> crystal structure of gnat family acetyltransferase staphylococcus2 aureus subsp. aureus usa300_tch1516
77	<a href="#">c2vxkA_</a>	Alignment	not modelled	99.6	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glucosamine 6-phosphate acetyltransferase; <b>PDBTitle:</b> structural comparison between aspergillus fumigatus and2 human gna1
78	<a href="#">c3exnA_</a>	Alignment	not modelled	99.6	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable acetyltransferase; <b>PDBTitle:</b> crystal structure of acetyltransferase from thermus thermophilus hb8
						<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase, gnat family;

79	<a href="#">c2pc1A</a>	Alignment	not modelled	99.6	13	<b>PDBTitle:</b> crystal structure of acetyltransferase gnat family (np_688560.1) from2 streptococcus agalactiae 2603 at 1.28 a resolution
80	<a href="#">c2ozhA</a>	Alignment	not modelled	99.6	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein xcc2953; <b>PDBTitle:</b> crystal structure of a putative acetyltransferase belonging to the2 gnat family (xcc2953) from xanthomonas campestris pv. campestris at3 1.40 a resolution
81	<a href="#">c3k9uA</a>	Alignment	not modelled	99.6	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> paia acetyltransferase; <b>PDBTitle:</b> crystal structure of paia acetyltransferase (ta0374) from thermoplasma2 acidophilum
82	<a href="#">c2huzB</a>	Alignment	not modelled	99.6	13	<b>PDB header:</b> structural genomics, transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glucosamine 6-phosphate n-acetyltransferase; <b>PDBTitle:</b> crystal structure of gnpnat1
83	<a href="#">c3gy9A</a>	Alignment	not modelled	99.6	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> gcn5-related n-acetyltransferase; <b>PDBTitle:</b> crystal structure of putative acetyltransferase (yp_001815201.1) from2 exiguobacterium sp. 255-15 at 1.52 a resolution
84	<a href="#">c1ufhB</a>	Alignment	not modelled	99.6	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> yycn protein; <b>PDBTitle:</b> structure of putative acetyltransferase, yycn protein of bacillus2 subtilis
85	<a href="#">c2kcwA</a>	Alignment	not modelled	99.6	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized acetyltransferase yjab; <b>PDBTitle:</b> solution structure of apo-form yjab from escherichia coli
86	<a href="#">d1yvka1</a>	Alignment	not modelled	99.6	18	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
87	<a href="#">d1z4ra1</a>	Alignment	not modelled	99.6	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
88	<a href="#">d1ygga</a>	Alignment	not modelled	99.6	10	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
89	<a href="#">d1y9ka1</a>	Alignment	not modelled	99.6	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
90	<a href="#">c1bo4A</a>	Alignment	not modelled	99.6	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> protein (serratia marcescens aminoglycoside-3-n- <b>PDBTitle:</b> crystal structure of a gcn5-related n-acetyltransferase: serratia2 marescens aminoglycoside 3-n-acetyltransferase
91	<a href="#">d1bo4a</a>	Alignment	not modelled	99.6	22	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
92	<a href="#">d1z4ea1</a>	Alignment	not modelled	99.5	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
93	<a href="#">c3pp9B</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative streptothricin acetyltransferase; <b>PDBTitle:</b> 1.6 angstrom resolution crystal structure of putative streptothricin2 acetyltransferase from bacillus anthracis str. ames in complex with3 acetyl coenzyme a
94	<a href="#">d2fl4a1</a>	Alignment	not modelled	99.5	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
95	<a href="#">d1ufha</a>	Alignment	not modelled	99.5	14	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
96	<a href="#">c3jvnA</a>	Alignment	not modelled	99.5	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyltransferase; <b>PDBTitle:</b> crystal structure of the acetyltransferase vf_1542 from vibrio2 fischeri, northeast structural genomics consortium target vfr136
97	<a href="#">d1p0ha</a>	Alignment	not modelled	99.5	22	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
98	<a href="#">c3frmF</a>	Alignment	not modelled	99.5	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> F: <b>PDB Molecule:</b> uncharacterized conserved protein; <b>PDBTitle:</b> the crystal structure of a functionally unknown conserved protein from2 staphylococcus epidermidis atcc 12228.
99	<a href="#">d2gana1</a>	Alignment	not modelled	99.5	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
100	<a href="#">c2wpwA</a>	Alignment	not modelled	99.5	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orf14; <b>PDBTitle:</b> tandem gnat protein from the clavulanic acid biosynthesis2 pathway (without accoa)
101	<a href="#">d1cm0a</a>	Alignment	not modelled	99.5	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
102	<a href="#">c3h4qA</a>	Alignment	not modelled	99.5	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative acetyltransferase; <b>PDBTitle:</b> crystal structure of putative acetyltransferase (np_371943.1) from2 staphylococcus aureus mu50 at 2.50 a resolution
103	<a href="#">d2ge3a1</a>	Alignment	not modelled	99.5	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
104	<a href="#">c2g0hG</a>	Alignment	not modelled	99.4	15	<b>PDB header:</b> transferase <b>Chain:</b> G: <b>PDB Molecule:</b> feem;



104	<a href="#">c2g00G</a>	Alignment	not modelled	99.4	13	<b>PDBTitle:</b> the structure of feem, an n-acyl amino acid synthase from uncultured2 soil microbes <b>PDB header:</b> transferase
105	<a href="#">c2k5fA</a>	Alignment	not modelled	99.4	15	<b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein yhhk; <b>PDBTitle:</b> solution nmr structure of putative n-acetyl transferase2 yhhk from e. coli bound to coenzyme a: northeast3 structural genomics consortium target et106
106	<a href="#">c2i79B</a>	Alignment	not modelled	99.4	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> acetyltransferase, gnat family; <b>PDBTitle:</b> the crystal structure of the acetyltransferase of gnat family from2 streptococcus pneumoniae
107	<a href="#">c2aj6A</a>	Alignment	not modelled	99.4	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein mw0638; <b>PDBTitle:</b> crystal structure of a putative gnat family acetyltransferase (mw0638)2 from staphylococcus aureus subsp. aureus at 1.63 a resolution
108	<a href="#">c3ec4B</a>	Alignment	not modelled	99.4	18	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative acetyltransferase from the gnat family; <b>PDBTitle:</b> crystal structure of putative acetyltransferase from the gnat family2 (yp_497011.1) from novosphingobium aromaticivorans dsm 12444 at 1.803 a resolution
109	<a href="#">d1vkca</a>	Alignment	not modelled	99.4	17	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
110	<a href="#">c2ft0B</a>	Alignment	not modelled	99.4	22	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> tdp-fucosamine acetyltransferase; <b>PDBTitle:</b> crystal structure of tdp-fucosamine acetyltransferase (wecd)- complex2 with acetyl-coa
111	<a href="#">d1s7ka1</a>	Alignment	not modelled	99.4	12	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
112	<a href="#">d2aj6a1</a>	Alignment	not modelled	99.3	13	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
113	<a href="#">c3s6fA</a>	Alignment	not modelled	99.3	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical acetyltransferase; <b>PDBTitle:</b> crystal structure of a hypotetical acetyltransferase (dr_1678) from2 deinococcus radiodurans at 1.19 a resolution
114	<a href="#">d1sqha</a>	Alignment	not modelled	99.3	20	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> Hypothetical protein cg14615-pa
115	<a href="#">c2pr8B</a>	Alignment	not modelled	99.3	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoglycoside 6-n-acetyltransferase type ib11; <b>PDBTitle:</b> crystal structure of aminoglycoside n-acetyltransferase2 aac(6')-ib11
116	<a href="#">c2vi7C</a>	Alignment	not modelled	99.2	19	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> acetyltransferase pa1377; <b>PDBTitle:</b> structure of a putative acetyltransferase (pa1377)from2 pseudomonas aeruginosa
117	<a href="#">c2vzzA</a>	Alignment	not modelled	99.2	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> rv0802c; <b>PDBTitle:</b> crystal structure of rv0802c from mycobacterium2 tuberculosis in complex with succinyl-coa
118	<a href="#">d1yk3a1</a>	Alignment	not modelled	99.2	16	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> N-acetyl transferase, NAT
119	<a href="#">c2qmlA</a>	Alignment	not modelled	99.2	15	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> bh2621 protein; <b>PDBTitle:</b> crystal structure of an uncharacterized protein (bh2621) from bacillus2 halodurans at 1.55 a resolution
120	<a href="#">c3eg7F</a>	Alignment	not modelled	99.1	18	<b>PDB header:</b> transferase <b>Chain:</b> F: <b>PDB Molecule:</b> spermidine n1-acetyltransferase; <b>PDBTitle:</b> spermidine n1-acetyltransferase from vibrio cholerae