

An arylamine acetyltransferase (AT-I) from syrian golden hamster
nucleotide sequence, and expression in mammalian cells

Molecular Carcinogenesis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Human Arylamine N-Acetyltransferase Genes: Isolation, Chromosomal Localization, and Functional Expression. <i>DNA and Cell Biology</i> , 1990, 9, 193-203.	0.9	441
2	Effect of group-selective modification reagents on arylamine N-acetyltransferase activities. <i>Biochemical Pharmacology</i> , 1992, 43, 2255-2268.	2.0	24
3	Acetylator genotype-dependent N-acetylation of arylamines in vivo and in vitro by hepatic and extrahepatic organ cytosols of Syrian hamsters congenic at the polymorphic acetyltransferase locus. <i>Archives of Toxicology</i> , 1992, 66, 112-117.	1.9	13
4	A new Salmonella tester strain expressing a hamster acetyltransferase shows high sensitivity for arylamines. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1993, 292, 155-163.	0.4	10
5	N-hydroxyarylamine O-acetyltransferase of <i>Salmonella typhimurium</i> : proposal for a common catalytic mechanism of arylamine acetyltransferase enzymes. <i>Environmental Health Perspectives</i> , 1994, 102, 83-89.	2.8	16
6	Characterization and expression of hepatic sulfotransferase involved in the metabolism of N-substituted aryl compounds. <i>Environmental Health Perspectives</i> , 1994, 102, 99-103.	2.8	18
7	Metabolic Activation of N-Hydroxylated Metabolites of Carcinogenic and Mutagenic Arylamines and Arylamides by Esterification. <i>Drug Metabolism Reviews</i> , 1994, 26, 413-429.	1.5	50
8	N-Acetyltransferases, O-Acetyltransferases, and N, O-Acetyltransferases: Enzymology and Bioactivation. <i>Advances in Pharmacology</i> , 1994, 27, 401-430.	1.2	37
9	Polymorphic arylamine N-acetyltransferase encoding gene (NAT2) from homozygous rapid and slow acetylator congenic Syrian hamsters. <i>Gene</i> , 1994, 140, 247-249.	1.0	25
10	Complementary DNAs for Two Arylamine N-Acetyltransferases with Identical 5' Non-Coding Regions from Rat Pineal Gland. <i>FEBS Journal</i> , 1995, 228, 129-137.	0.2	3
11	Molecular Mechanisms of Polymorphism in Acetylating Enzymes for Arylamines and N-Hydroxyarylamines in Hamster Liver. <i>Drug Metabolism Reviews</i> , 1995, 27, 241-256.	1.5	8
12	Evidence for the lack of hepatic n-acetyltransferase in suncus (<i>Suncus murinus</i>). <i>Biochemical Pharmacology</i> , 1995, 50, 1165-1170.	2.0	12
13	Genetic analysis of two rat acetyltransferases. <i>Carcinogenesis</i> , 1996, 17, 1121-1126.	1.3	7
14	Cytosolic arylamine n-acetyltransferase (NAT) deficiency in the dog and other canids due to an absence of NAT genes. <i>Biochemical Pharmacology</i> , 1997, 54, 73-80.	2.0	91
15	HISTORY OF DRUG METABOLISM RESEARCH IN JAPAN*. <i>Drug Metabolism Reviews</i> , 2000, 32, 45-79.	1.5	1
16	Prostate expression of N-acetyltransferase 1 (NAT1) and 2 (NAT2) in rapid and slow acetylator congenic Syrian hamster. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 159-167.	5.7	6
17	Eukaryotic arylamine N-acetyltransferase. <i>Biochemical Pharmacology</i> , 2005, 69, 347-359.	2.0	95
18	Arylamine N-Acetyltransferases: What We Learn from Genes and Genomes. <i>Drug Metabolism Reviews</i> , 2005, 37, 511-564.	1.5	144

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19	Tissue distribution of N-acetyltransferase 1 and 2 catalyzing the N-acetylation of 4-aminobiphenyl and O-acetylation of N-hydroxy-4-aminobiphenyl in the congenic rapid and slow acetylator Syrian hamster. <i>Molecular Carcinogenesis</i> , 2006, 45, 230-238.	1.3	51
20	Arylamine N-acetyltransferases: Structural and functional implications of polymorphisms. <i>Toxicology</i> , 2008, 254, 170-183.	2.0	115
21	Arylamine N-acetyltransferases*. , 2010, , 385-412.		2
22	Arylamine N-Acetyltransferases “ from Drug Metabolism and Pharmacogenetics to Identification of Novel Targets for Pharmacological Intervention. <i>Advances in Pharmacology</i> , 2012, 63, 169-205.	1.2	44
23	Arylamine N-Acetyltransferases. , 2018, , 429-467.		1
24	Involvement of Cys69 residue in the catalytic mechanism of N-hydroxyarylamine O-acetyltransferase of <i>Salmonella typhimurium</i> . Sequence similarity at the amino acid level suggests a common catalytic mechanism of acetyltransferase for <i>S. typhimurium</i> and higher organisms.. <i>Journal of Biological Chemistry</i> , 1992, 267, 8429-8436.	1.6	106
25	Site-directed mutagenesis of recombinant human arylamine N-acetyltransferase expressed in <i>Escherichia coli</i> . Evidence for direct involvement of Cys68 in the catalytic mechanism of polymorphic human NAT2.. <i>Journal of Biological Chemistry</i> , 1992, 267, 7381-7385.	1.6	100
26	Sequences and expression of alleles of polymorphic arylamine N-acetyltransferase of human liver.. <i>Journal of Biological Chemistry</i> , 1992, 267, 18140-18147.	1.6	77
27	Complementary DNAs for Two Arylamine N-Acetyltransferases with Identical 5' Non-Coding Regions from Rat Pineal Gland. <i>FEBS Journal</i> , 1995, 228, 129-137.	0.2	8
28	Tissue specificities of tumor induction by aromatic amines. <i>Frontiers in Bioscience - Scholar</i> , 2012, S4, 206.	0.8	1
29	Metabolic Activations of Chemicals by Drug-metabolizing Enzymes.. <i>Drug Metabolism and Pharmacokinetics</i> , 1995, 10, 269-281.	0.0	0
30	Arylamine N-Acetyltransferases. , 2024, , .		0