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# NAT2\*14 Allele

National Cancer Institute

## Source

National Cancer Institute. *NAT2\*14 Allele*. NCI Thesaurus. Code C67346.

Human NAT2\*14 allele is a designation for a group of variant alleles of the NAT2 gene, which is located in the vicinity of 8p22 and is approximately 10 kb in length. The wild-type allele, which encodes arylamine N-acetyltransferase 2 protein, is involved in the activation/deactivation of arylamine and hydrazine compounds. This group of allelic variants of the NAT2 gene all exhibit a SNP (c. 191G>A) that results in a R64Q coding change and is associated with decreased enzymatic activity of the encoded protein.