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# NAT2 wt Allele

National Cancer Institute

## Source

National Cancer Institute. *NAT2 wt Allele*. NCI Thesaurus. Code C51048.

Human NAT2 wild-type allele is located in the vicinity of 8p22 and is approximately 10 kb in length. This allele, which encodes arylamine N-acetyltransferase 2 protein, is involved in the activation/deactivation of arylamine and hydrazine compounds. Certain allelic variants of the NAT2 gene are associated with systemic lupus erythematosus and certain types of cancer such as bladder cancer and colorectal cancer.