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# ARNT wt Allele

National Cancer Institute

## Source

National Cancer Institute. *ARNT wt Allele*. NCI Thesaurus. Code C52509.

Human ARNT wild-type allele is located in the vicinity of 1q21 and is approximately 67 kb in length. This allele, which encodes aryl hydrocarbon receptor nuclear translocator protein, plays a role in the modulation of the transcriptional response to halogenated aromatic hydrocarbons. This gene and the ETV6 gene are involved in a translocation t(1;12)(q21;p13) that is associated with acute myeloblastic leukemia.