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# MTR wt Allele

National Cancer Institute

## Source

National Cancer Institute. *MTR wt Allele*. NCI Thesaurus. Code C104948.

Human MTR wild-type allele is located in the vicinity of 1q43 and is approximately 109 kb in length. This allele, which encodes methionine synthase protein, is involved in the synthesis of methionine. Mutation of the gene is associated with both methylcobalamin deficiency type G and susceptibility to folate-sensitive neural tube defects.