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# OTC wt Allele

National Cancer Institute

## Source

National Cancer Institute. *OTC wt Allele*. NCI Thesaurus. Code C75883.

Human OTC wild-type allele is located in the vicinity of Xp21.1 and is approximately 69 kb in length. This allele, which encodes ornithine carbamoyltransferase, mitochondrial protein, plays a role in the mediation of the ornithine cycle. Missense, nonsense, and frameshift mutations in the gene are associated with ornithine carbamoyltransferase deficiency.