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TRPM7 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TRPM7 wt Allele*. NCI Thesaurus. Code C98059.

Human TRPM7 wild-type allele is located in the vicinity of 15q21 and is approximately 130 kb in length. This allele, which encodes transient receptor potential cation channel subfamily M member 7 protein, is involved in the mediation of both protein phosphorylation and ion transport. Mutation of the gene is associated with amyotrophic lateral sclerosis-parkinsonism/dementia complex type 1. A chromosomal rearrangement of this gene and the CYP19A1 gene is associated with aromatase excess syndrome.