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TRPV4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TRPV4 wt Allele*. NCI Thesaurus. Code C138112.

Human TRPV4 wild-type allele is located in the vicinity of 12q24.11 and is approximately 50 kb in length. This allele, which encodes transient receptor potential cation channel subfamily V member 4 protein, is involved in calcium transport and osmotic pressure regulation. Mutation of the gene is associated with various osmotic, skeletal and neuromuscular disorders.