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# CACNA1D wt Allele

National Cancer Institute

## Source

National Cancer Institute. *CACNA1D wt Allele*. NCI Thesaurus. Code C113770.

Human CACNA1D wild-type allele is located in the vicinity of 3p14.3 and is approximately 318 kb in length. This allele, which encodes voltage-dependent L-type calcium channel subunit alpha-1D protein, plays a role in voltage-dependent membrane polarization. Mutation of the gene is associated with sinoatrial node dysfunction and deafness.