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CHRNA3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *CHRNA3 wt Allele*. NCI Thesaurus. Code C77119.

Human CHRNA3 wild-type allele is located in the vicinity of 15q24 and is approximately 28 kb in length. This allele, which encodes neuronal acetylcholine receptor subunit alpha-3 protein, is involved in both ion transport and ligand recognition. Mutation of the gene is associated with lung cancer type 2 and peripheral arterial occlusive disease type 2.