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NTRK3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *NTRK3 wt Allele*. NCI Thesaurus. Code C52201.

Human NTRK3 wild-type allele is located within 15q25 and is approximately 380 kb in length. This allele, which encodes NT-3 growth factor receptor protein, is involved in MAPK signal transduction and cellular differentiation. The allele may also play a role in the development of proprioceptive neurons. Mutations in the gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers.