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SHANK2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *SHANK2 wt Allele*. NCI Thesaurus. Code C147941.

Human SHANK2 wild-type allele is located within 11q13.3-q13.4 and is approximately 785 kb in length. This allele, which encodes SH3 and multiple ankyrin repeat domains protein 2, plays a role in postsynaptic signal transduction. Deletions and nonsense mutation of the gene may be associated with autism.