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SOS1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *SOS1 wt Allele*. NCI Thesaurus. Code C116309.

Human SOS1 wild-type allele is located in the vicinity of 2p21 and is approximately 143 kb in length. This allele, which encodes son of sevenless homolog 1 protein, plays a role in both signaling and guanine nucleotide exchange. Mutation of the gene is associated with both gingival fibromatosis type 1 and Noonan syndrome type 4.