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# SCN2A wt Allele

National Cancer Institute

## Source

National Cancer Institute. *SCN2A wt Allele*. NCI Thesaurus. Code C102445.

Human SCN2A wild-type allele is located in the vicinity of 2q24.3 and is approximately 153 kb in length. This allele, which encodes sodium channel protein type 2 subunit alpha protein, plays a role in both sodium transport and membrane potential. Mutation of the gene is associated with both benign familial infantile type 3 seizures and epileptic encephalopathy early infantile type 11.