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PRKG2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *PRKG2 wt Allele*. NCI Thesaurus. Code C51173.

Human PRKG2 wild-type allele is located in the vicinity of 4q13.1-q21.1 and is approximately 116 kb in length. This allele, which encodes cGMP-dependent protein kinase 2 protein, is involved in cGMP-dependent signaling which regulates cellular processes such as cytoskeletal organization and cell motility. The PRKG2 gene is associated with long-term depression.