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# KIF1B wt Allele

National Cancer Institute

## Source

National Cancer Institute. *KIF1B wt Allele*. NCI Thesaurus. Code C152003.

Human KIF1B wild-type allele is located in the vicinity of 1p36.22 and is approximately 171 kb in length. This allele, which encodes kinesin-like protein KIF1B, is involved in the transport of synaptic vesicles and mitochondria. Mutation of the gene is associated with pheochromocytoma, increased susceptibility to neuroblastoma and Charcot-Marie-Tooth disease type 2A1.