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KDM5C wt Allele

National Cancer Institute

Source

National Cancer Institute. *KDM5C wt Allele*. NCI Thesaurus. Code C97599.

Human KDM5C wild-type allele is located within Xp11.22-p11.21 and is approximately 34 kb in length. This allele, which encodes lysine-specific demethylase 5C protein, plays a role in both histone modification and transcriptional regulation. Mutation of the gene is associated with JARID1C-related syndromic X-linked mental retardation and may be associated with clear cell renal carcinoma.