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CDKN1C wt Allele

National Cancer Institute

Source

National Cancer Institute. *CDKN1C wt Allele*. NCI Thesaurus. Code C49510.

Human CDKN1C wild-type allele located in the vicinity of 11p15.5 and is approximately 2 kb in length. This allele, which encodes cyclin-dependent kinase inhibitor 1C protein, plays a negative role in the regulation of cellular proliferation by inhibiting several G1 cyclin/Cdk complexes. Mutations of the gene, which generates variant alleles have been implicated in both sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that it is a tumor suppressor candidate.