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CTTN wt Allele

National Cancer Institute

Source

National Cancer Institute. *CTTN wt Allele*. NCI Thesaurus. Code C51238.

Human CTTN wild-type allele is located within 11q13 and is approximately 38 kb in length. This allele, which encodes Src substrate cortactin protein, plays a role in regulating the interactions between components of adherens-type junctions and in organizing the cytoskeleton and cell adhesion structures of epithelia and carcinoma cells. Aberrant regulation of this gene contributes to tumor cell invasion and metastasis, and it is overexpressed in breast cancer and squamous cell carcinomas of the head and neck.