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TK1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TK1 wt Allele*. NCI Thesaurus. Code C51329.

Human TK1 wild-type allele is located within 17q23.2-q25.3 and is approximately 13 kb in length. This allele, which encodes thymidine kinase, cytosolic protein, plays a role in phosphorylation of thymidine to form deoxythymidine monophosphate. The TK1 gene is amplified in breast ductal carcinomas and overexpressed in other types of cancer such as colon cancer and thyroid carcinomas.