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PTPN6 wt Allele

National Cancer Institute

Source

National Cancer Institute. *PTPN6 wt Allele*. NCI Thesaurus. Code C49526.

Human PTPN6 wild-type allele is located within 12p13 and is approximately 29 kb in length. This allele, which encodes tyrosine-protein phosphatase non-receptor type 6 protein, is involved in the dephosphorylation of protein-tyrosine phosphates. Aberrant methylation of the PTPN6 gene results in low expression levels in leukemias and lymphomas.