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TLX1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TLX1 wt Allele*. NCI Thesaurus. Code C52967.

Human TLX1 wild-type allele is located in the vicinity of 10q24 and is approximately 7 kb in length. This allele, which encodes T-cell leukemia homeobox protein 1, plays roles in the regulation of RNA polymerase II-mediated transcription and in the development of the spleen. T-cell acute lymphoblastic leukemia is linked to both t(10,14)(q24;q11) and t(7,10)(q35;q24) translocations, resulting in fusion of this gene to either the T-cell receptor delta or beta locus.