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TLX3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TLX3 wt Allele*. NCI Thesaurus. Code C98100.

Human TLX3 wild-type allele is located in the vicinity of 5q35.1 and is approximately 3 kb in length. This allele, which encodes T-cell leukemia homeobox protein 3, may play a role in the regulation of transcription. T-cell leukemia is associated with mutation or aberrant expression of the gene and with at least two chromosomal translocations that include the gene. Translocation t(5;14)(q35;q32) fuses this gene and the BCL11B gene and translocation t(5;14)(q35;q11) fuses this gene with the T cell receptor delta locus.