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TCL1A wt Allele

National Cancer Institute

Source

National Cancer Institute. *TCL1A wt Allele*. NCI Thesaurus. Code C92700.

Human TCL1A wild-type allele is located in the vicinity of 14q32.1 and is approximately 4 kb in length. This allele, which encodes T-cell leukemia/lymphoma protein 1A, plays a role in the modulation of signal transduction. Chromosomal aberrations involving the gene are associated with chronic T-cell leukemia, including translocation t(14;14)(q11;q32) which involves the T-cell receptor beta locus; and translocation t(7;14)(q35;q32) and inversion inv(14)(q11;q32) which both involve the T-cell receptor alpha/delta loci.