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TAL1 wt Allele

National Cancer Institute

Source

National Cancer Institute. *TAL1 wt Allele*. NCI Thesaurus. Code C53099.

Human TAL1 wild-type allele is located in the vicinity of 1p32 and is approximately 15 kb in length. This allele, which encodes T-cell acute lymphocytic leukemia-1 protein, is involved in the differentiation of both hematopoietic and erythroid tissues. T-cell acute leukemia is associated with the translocations t(1;7)(p32;q34) and t(1;14)(p32;q11) of the gene and the T cell receptor delta and beta loci, respectively, and is also linked to the translocation t(1;3)(p32;p21) of the gene and TCTA gene. The interchromatid fusion of the gene to the STIL gene is linked to T-cell acute leukemia.