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FOXO4 wt Allele

National Cancer Institute

Source

National Cancer Institute. *FOXO4 wt Allele*. NCI Thesaurus. Code C53081.

Human FOXO4 wild-type allele is located in the vicinity of Xq13.1 and is approximately 7 kb in length. This allele, which encodes forkhead box protein O4, plays a role in the modulation of transcription by RNA polymerase II. Acute nonlymphocytic leukemias and T-cell acute lymphocytic leukemias are associated with translocations t(X;11)(q13;q23) of the gene to the MLL gene.