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OLIG2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *OLIG2 wt Allele*. NCI Thesaurus. Code C68576.

Human OLIG2 wild-type allele is located in the vicinity of 21q22.11 and is approximately 3 kb in length. This allele, which encodes oligodendrocyte transcription factor 2 protein, is involved in neuronal progenitor cell fate determination. The wild-type allele is expressed in oligodendroglial tumors and is involved in a chromosomal translocation t(14;21)(q11.2;q22), which is associated with T-cell acute lymphoblastic leukemia.