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CRLF2 wt Allele

National Cancer Institute

Source

National Cancer Institute. *CRLF2 wt Allele*. NCI Thesaurus. Code C97431.

Human CRLF2 wild-type allele is located in the vicinity of Xp22.3 and Yp11.3 and is approximately 17 kb in length. This allele, which encodes cytokine receptor-like factor 2 protein, plays a role in the modulation of cytokine signaling. A chromosomal deletion in the pseudoautosomal region 1 of either chromosome X or Y causing fusion of this gene with the P2RY8 gene and chromosomal translocations t(X;14)(p22;q32)/t(Y;14)(p11;q32) of this gene and the IGH locus are associated with B-cell acute lymphoblastic leukemia.