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NUP98 wt Allele

National Cancer Institute

Source

National Cancer Institute. *NUP98 wt Allele*. NCI Thesaurus. Code C52289.

Human NUP98 wild-type allele is located in the vicinity of 11p15.5 and is approximately 123 kb in length. This allele, which encodes nuclear pore complex protein Nup98-Nup96 protein, is involved in the regulation of the nuclear pore complex and protein docking. Translocations in several myeloid leukemias contain NUP98 fused to other genes; t(7;11)(p15;p15) generates N-terminal NUP98 fused in-frame to HOXA9. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer.