

[Open Peer Review on Qeios](#)

NSD3 wt Allele

National Cancer Institute

Source

National Cancer Institute. *NSD3 wt Allele*. NCI Thesaurus. Code C96342.

Human NSD3 wild-type allele is located in the vicinity of 8p11.23 and is approximately 113 kb in length. This allele, which encodes histone-lysine N-methyltransferase NSD3 protein, plays a role in the regulation of histone methylation. A chromosomal translocation t(8;11)(p11;p15) involving the NUP98 gene and this gene is associated with acute myeloid leukemia.