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# APOBEC3B wt Allele

National Cancer Institute

## Source

National Cancer Institute. *APOBEC3B wt Allele*. NCI Thesaurus. Code C117002.

Human APOBEC3B wild-type allele is located within 22q13.1-q13.2 and is approximately 10 kb in length. This allele, which encodes DNA dC->dU-editing enzyme APOBEC-3B protein, is involved in the modulation of DNA cytosine deamination. A deletion that fuses the 3' UTR of this gene to the 3' end of the APOBEC3A gene, essentially deletes the APOBEC3B coding sequence, and may be associated with increased susceptibility to neoplastic disease.