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# TOP3A wt Allele

National Cancer Institute

## Source

National Cancer Institute. *TOP3A wt Allele*. NCI Thesaurus. Code C50385.

Human TOP3A wild-type allele is located within 17p12-p11.2 and is approximately 41 kb in length. This allele, which encodes DNA topoisomerase 3-alpha protein, is involved in the ATP-independent breakage of negatively supercoiled single-stranded DNA and subsequent passage/rejoining of the broken DNA.