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# CYP2D6\*17 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2D6\*17 Allele*. NCI Thesaurus. Code C45618.

Human CYP2D6\*17 allele is located in the vicinity of 22q13.1 and is approximately 4 kb in length. This allele, a variant form of the CYP2D6 wild-type allele, encodes cytochrome P450 2D6\*17 protein. The CYP2D6\*17 allele exhibits two clinically-relevant SNPs (g.1023C>T, g.2850C>T) that result in coding changes (T107I, R296C). These alterations decrease the enzymatic activity of the cytochrome P450 2D6\*17 protein.