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# CYP2D6\*15 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2D6\*15 Allele*. NCI Thesaurus. Code C46048.

Human CYP2D6\*15 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\*15 protein. The CYP2D6\*15 allele exhibits a single nucleotide insertion (g.138insT) in exon 1 that causes a frameshift during coding. This alteration abolishes the enzymatic activity of the cytochrome P450 2D6\*15 protein.