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# CYP2D6\*38 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2D6\*38 Allele*. NCI Thesaurus. Code C46056.

Human CYP2D6\*38 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\*38 protein. The CYP2D6\*38 allele exhibits a four nucleotide deletion (g.2587delGACT) that results in a frameshift during protein coding. This alteration abolishes the enzymatic activity of the cytochrome P450 2D6\*38 protein.