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# CYP2D6\*11 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2D6\*11 Allele*. NCI Thesaurus. Code C46044.

Human CYP2D6\*11 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\*11 protein. The CYP2D6\*11 allele exhibits a clinically-relevant SNP (g.883G>C) that eliminates the splice acceptor site of intron 1 and results in a premature stop codon. This alteration abolishes the enzymatic activity of the cytochrome P450 2D6\*11 protein.