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CYP2D6*6 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP2D6*6 Allele*. NCI Thesaurus. Code C45622.

Human CYP2D6*6 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*6 protein. The CYP2D6*6 allele exhibits a single nucleotide deletion (g.1707delT) in exon 3 that results in a frameshift and generates a stop codon located one codon after the deletion. This alteration yields a truncated CYP2D6*6 protein that is enzymatically inactive.