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CYP2D6*10 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP2D6*10 Allele*. NCI Thesaurus. Code C45617.

Human CYP2D6*10 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*10 protein. The CYP2D6*10 allele exhibits a clinically-relevant SNP (g.100C>T) that results in a P34S coding change. This alteration decreases the enzymatic activity of the cytochrome P450 2D6*10 protein.