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# CYP2C19\*12 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2C19\*12 Allele*. NCI Thesaurus. Code C46013.

Human CYP2C19\*12 allele is located within 10q24.1-q24.3 and is approximately 90 kb in length. This allele, a variant form of the CYP2C19 wild-type allele, encodes cytochrome P450 2C19\*12 protein. The CYP2C19\*12 allele exhibits a clinically-relevant SNP (c.1473A>C) in exon 9 that results in a X491C coding change. This alteration yields an unstable cytochrome P450 2C19\*12 protein that is predicted to have an additional 26 amino acids.