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CYP2C9*12 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP2C9*12 Allele*. NCI Thesaurus. Code C46017.

Human CYP2C9*12 allele is located within 10q24 and is approximately 33 kb in length. This allele, a variant form of the CYP2C9 wild-type allele, encodes cytochrome P450 2C9*12 protein. The CYP2C9*12 allele exhibits a clinically-relevant SNP (c.1465C>T) in exon 9 that results in a P489S coding change. This alteration in protein sequence decreases the enzymatic activity of the cytochrome P450 2C9*12 protein.