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# CYP2C9\*18 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2C9\*18 Allele*. NCI Thesaurus. Code C46019.

Human CYP2C9\*18 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\*18 protein. The CYP2C9\*18 allele exhibits a clinically-relevant SNP (c.1190A>C) in exon 8 that results in a D397A coding change. This alteration in protein sequence decreases the in vivo enzymatic activity of the cytochrome P450 2C9\*18 protein.