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# CYP2C9\*16 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP2C9\*16 Allele*. NCI Thesaurus. Code C46018.

Human CYP2C9\*16 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\*16 protein. The CYP2C9\*16 allele exhibits a clinically-relevant SNP (c.895A>G) that results in a T299A coding change. This alteration in protein sequence decreases the in vivo enzymatic activity of the cytochrome P450 2C9\*16 protein.