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CYP2C9*2 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP2C9*2 Allele*. NCI Thesaurus. Code C45613.

Human CYP2C9*2 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*2 protein. The CYP2C9*2 allele exhibits a clinically-relevant SNP (c.430C>T) in exon 3 that results in a R144C coding change. This alteration in protein sequence decreases the enzymatic activity of the cytochrome P450 2C9*2 protein.