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CYP2C8*4 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP2C8*4 Allele*. NCI Thesaurus. Code C46032.

Human CYP2C8*4 allele is located in the vicinity of 10q23.33 and is approximately 33 kb in length. This allele, a variant form of the CYP2C8 wild-type allele, encodes cytochrome P450 2C8*4 protein. The CYP2C8*4 allele exhibits a SNP (c.792C>G) in exon 5 that results in an I264M coding change. However, this alteration in protein sequence has no significant effect on the enzymatic activity of the cytochrome P450 2C8*4 protein.