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CYP3A5*8 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP3A5*8 Allele*. NCI Thesaurus. Code C46023.

Human CYP3A5*8 allele is located in the vicinity of 7q21.1 and is approximately 32 kb in length. This allele, a variant form of the human CYP3A5 wild-type allele, encodes cytochrome P450 3A5*8 protein. The CYP3A5*8 allele exhibits a clinically-relevant SNP (g.3699C>T) in exon 2 that results in a R28C coding change. This alteration in protein sequence decreases the enzymatic activity of the cytochrome P450 3A5*8 protein.