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CYP3A7*2 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP3A7*2 Allele*. NCI Thesaurus. Code C46020.

Human CYP3A7*2 allele is located within 7q21-q22.1 and is approximately 30 kb in length. This allele, a variant form of the human CYP3A7 wild-type allele, encodes cytochrome P450 3A7*2 protein. This allele exhibits a clinically-relevant SNP (c.1226C>G) in exon 11 that results in a T409R coding change. This alteration in protein sequence increases the enzymatic activity of the cytochrome P450 3A7*2 protein.