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# CYP3A5\*6 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP3A5\*6 Allele*. NCI Thesaurus. Code C46022.

Human CYP3A5\*6 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\*6 protein. The CYP3A5\*6 allele exhibits a clinically-relevant SNP (g.14690G>A), resulting in deletion of exon 7 from the splice variant, a frame shift and premature stop at 184 amino acids. Truncation of the cytochrome P450 3A5\*6 protein causes complete loss of enzymatic activity.