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# CYP3A4\*18 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP3A4\*18 Allele*. NCI Thesaurus. Code C46027.

Human CYP3A4\*18 allele is located in the vicinity of 7q21.1 and is approximately 27 kb in length. This allele, a variant form of the CYP3A4 wild-type allele, encodes cytochrome P450 3A4\*18 protein. The CYP3A4\*18 allele exhibits a clinically-relevant SNP (g.20070T>C) in exon 10 that results in a L293P coding change. This alteration in protein sequence dramatically increases the enzymatic activity of the cytochrome P450 3A4\*18 protein.