

[Open Peer Review on Qeios](#)

# CYP3A5\*10 Allele

National Cancer Institute

## Source

National Cancer Institute. *CYP3A5\*10 Allele*. NCI Thesaurus. Code C46025.

Human CYP3A5\*10 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\*10 protein. This allele exhibits a clinically-relevant SNP (g.6986A>G) in exon 10 that causes a splicing defect. The resulting alteration in protein sequence almost completely abolishes the enzymatic activity of the cytochrome P450 3A5\*10 protein.