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CYP1A2*11 Allele

National Cancer Institute

Source

National Cancer Institute. *CYP1A2*11 Allele*. NCI Thesaurus. Code C46039.

Human CYP1A2*11 allele is located within 15q24 and is approximately 8 kb in length. This allele, a variant form of the CYP1A2 wild-type allele, encodes cytochrome P450 1A2*11 protein. The CYP1A2*11 allele exhibits a clinically-relevant SNP (g.558C>A) in exon 2 that results in a F186L coding change. This alteration in protein sequence severely decreases the enzymatic activity of the cytochrome P450 1A2*11 protein.