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UGT1A1*28 Allele

National Cancer Institute

Source

National Cancer Institute. *UGT1A1*28 Allele*. NCI Thesaurus. Code C72564.

Human UGT1A1*28 allele is located in the vicinity of 2q37 and is approximately 13 kb in length. This allele, which encodes UDP-glucuronosyltransferase 1-1 protein, plays a role in the transformation of small lipophilic molecules into water-soluble metabolites. UGT1A1*28 allele has a polymorphism in the promoter region that is associated with decreased transferase activity and decreases in both tolerance and effectiveness of cancer therapeutics and antiviral drugs.