



Gene	Transcript	Chromosome	Gene region	cDNA	Protein	Star (*) Allele or Haplotype	rs ID	GRCh38 genomic coord start	GRCh38 genomic coord end	Variant Type
CYP2C19	NM_000769.1	10	Exon 5	c.681G>A	p.Pro227Pro	*2	rs4244285	94781858	94781859	SNP
			Exon 4	c.636G>A	p.Trp212X	*3	rs4986893	94780652	94780653	SNP
			Exon 1	c.1A>G	p.Met1?	*4A, *4B	rs28399504	94762705	94762706	SNP
			Exon 9	c.1297C>T	p.Arg433Trp	*5	rs56337013	94852737	94852738	SNP
			Exon 3	c.395G>A	p.Arg132Gln	*6	rs72552267	94775452	94775453	SNP
			Intron 5	c.819+2T>A	p.?	*7	rs72558186	94781998	94781999	SNP
			Exon 3	c.358T>C	p.Trp120Arg	*8	rs41291556	94775415	94775416	SNP
			5'-UTR	c.-806C>T	p.?	*4B, *17	rs12248560	94761899	94761900	SNP
Intron 2	c.332-23A>G	p.?	*2, *35	rs12769205	94775366	94775367	SNP			
CYP2C9	NM_000771.3	10	Exon 3	c.430C>T	p.Arg144Cys	*2	rs1799853	94942289	94942290	SNP
			Exon 7	c.1075A>C	p.Ile359Leu	*3	rs1057910	94981295	94981296	SNP
			Exon 7	c.1080C>G	p.Asp360Glu	*5	rs28371686	94981300	94981301	SNP
			Exon 5	c.818delA	p.Lys273Argfs*34	*6	rs9332131	94949277	94949287	INDEL
			Exon 3	c.449G>A	p.Arg150His	*8	rs7900194	94942308	94942309	SNP
			Exon 7	c.1003C>T	p.Arg335Trp	*11	rs28371685	94981223	94981224	SNP
			Exon 2	c.269T>C	p.Leu90Pro	*13	rs72558187	94941957	94941958	SNP
CYP3A5	NM_000777.4	7	Intron 3	c.219-237A>G	p.?	*3	rs776746	99672915	99672916	SNP
			Exon 7	c.624G>A	p.Lys208Lys	*6	rs10264272	99665211	99665212	SNP
			Exon 11	c.1035dup	p.Thr346TyrfsX3	*7	rs41303343	99652765	99652775	INDEL
CYP4F2	NM_001082.4	19	Exon 11	c.1297G>A	p.Val433Met	*3	rs2108622	15879620	15879621	SNP
DPYD	NM_000110.3	1	Intron 14	c.1905+1G>A	p.?	c.1905+1G>A	rs3918290	97450057	97450058	SNP
			Exon 13	c.1679T>G	p.Ile560Ser	c.1679T>G	rs55886062	97515786	97515787	SNP
			Exon 22	c.2846A>T	p.Asp949Val	c.2846A>T	rs67376798	97082390	97082391	SNP
			Exon 11	c.1236G>A	p.Glu412=	c.1236G>A	rs56038477	97573862	97573863	SNP
			Intron 10	c.1129-5923C>G	p.?	c.1129-5923C>G	rs75017182	97579892	97579893	SNP
			Exon 14	c.1898delC	p.Pro633fs	c.1898_1899CA>A	rs72549303	97450061	97450071	INDEL
			Exon 4	gacy name	p.Phe100fs	c.295_299TCATT>T	rs72549309	97740404	97740420	INDEL
			Exon 7	c.703C>T	p.Arg235Trp	c.703C>T	rs1801266	97691775	97691776	SNP
			Exon 23	c.2983G>T	p.Val995Phe	c.2983G>T	rs1801268	97079070	97079071	SNP
			Exon 11	c.1156G>T	p.Glu386*	c.1156G>T	rs78060119	97573942	97573943	SNP
Exon 6	c.557A>G	p.Tyr186Cys	c.557A>G	rs115232898	97699473	97699474	SNP			
IFNL3	NM_172139.3	19	Upstream (in IFNL4)	c.-3180G>A	p.?	c.-3180G>A	rs12979860	39248146	39248147	SNP
NUDT15	NM_018283.3	13	Exon 3	c.415C>T	p.Arg139Cys	c.415C>T	rs116855232	48045718	48045719	SNP
SLCO1B1	NM_006446.4	12	Exon 6	c.521T>C	p.Val174Ala	c.521T>C	rs4149056	21178614	21178615	SNP
TPMT	NM_000367.4	6	Exon 5	c.238G>C	p.Ala80Pro	*2	rs1800462	18143723	18143724	SNP
			Exon 7	c.460G>A	p.Ala154Thr	*3A, *3B	rs1800460	18138996	18138997	SNP
			Exon 10	c.719A>G	p.Tyr240Cys	*3A, *3C	rs1142345	18130686	18130687	SNP
			Intron 9	c.626-1G>A	p.?	*4	rs1800584	18130780	18130781	SNP
UGT1A1	NM_000463.3	2	Exon 1	c.211G>A	p.Gly71Arg	*6	rs4148323	233760497	233760498	SNP
			Exon 1	c.686C>A	p.Pro229Gln	*27	rs35350960	233760972	233760973	SNP
			5'-UTR	c.-53TA[6]	p.?	*36	rs3064744	233760233	233760260	INDEL
			5'-UTR	c.-53TA[8]	p.?	*28	rs3064744	233760233	233760260	INDEL
			5'-UTR	c.-53TA[9]	p.?	*37	rs3064744	233760233	233760260	INDEL
VKORC1	NM_024006.4	16	5' UTR	c.-1639G>A	p.?	VKORC1 c.-1639G>A	rs9923231	31096367	31096368	SNP