

Mutations in Hep G2

HEPG2_LIVER													
Gene	Protein Change	Chr	Start	End	NCBI Build	Variant Classification	Variant Type	Reference Allele	Tumor Allele 1	dbSNP ID	Annotation Transcript	Other Transcripts	Mutation Assessor
ABL2		1	179086419	179086420	37	Intron	Ins	-	A	rs72207641	uc001gmj.3	3L2_uc010pnf.1...	
ADAM17		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	\H1_uc010yiz.1...	
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	\AM28_uc011aa...	
ADAM28		8	24193348	24193348	37	Intron	SNP	C	T		uc003xdy.2	AM28_uc003xd	view
ADAMTSL3	p.S1189L	15	84651946	84651946	37	issense_Mutati	SNP	C	T		uc002bjz.3	AMTSL3_uc010	view
ADCK1		14	78390632	78390637	37	Intron	Del	AAACT...	-	274857;rs7496!	uc001xui.2	\CK1_uc010tvo....	
AKAP9	p.L1335_1336inst	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	\AP9_uc003ule....	
ATM	p.V2906I	11	108224537	108224537	37	issense_Mutati	SNP	G	A		uc001pkb.1	\M_uc009yxr.1	view
AURKC		19	57742494	57742507	37	5'UTR	Del	GGACG...	-	rs112039303;rs112039303;	uc002qoe.2	\RKC_uc002qoc....	
BCAR1	p.P186T	16	75276583	75276583	37	issense_Mutati	SNP	G	T		uc010vnb.1	\AR1_uc010cgu	view
BMPR1A	p.I517V	10	88683426	88683426	37	issense_Mutati	SNP	A	G		uc001kdy.2	\PR1A_uc001kd	view
BRDT	p.E457A	1	92446270	92446270	37	issense_Mutati	SNP	A	C		uc010osz.1	\DT_uc001dok.3	view
C1ORF86		1	2116330	2116330	37	3'UTR	SNP	C	A		uc001aix.1	\KCZ_uc001aiq.	view
CDH2	p.R748G	18	25563015	25563015	37	issense_Mutati	SNP	G	C		uc002kgw.2	\H2_uc010xbn.3	view
CDK11B		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	\K11B_uc001aha...	
CLK1		2	201717887	201717887	37	3'UTR	SNP	T	A		uc010zhi.1	K1_uc002uwd.3	view
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	\TCL1_uc011agv...	
CNTN6	p.D291Y	3	1363443	1363443	37	issense_Mutati	SNP	G	T		uc003boz.2	\TN6_uc011asj	view
CTBP2	p.K974fs	10	126678123	126678123	37	In_Frame_Shift_De	Del	T	-		uc001lie.3	\BP2_uc009yak...	
CUBN	p.S3050N	10	16916460	16916460	37	issense_Mutati	SNP	C	T		uc001ioo.2	\BN_uc009xjq.1	view
CYP1B1		2	38297654	38297655	37	3'UTR	Ins	-	A	rs9341258	uc002rqp.2		
DNMT3B	p.R440fs	20	31384616	31384617	37	In_Frame_Shift_In	Ins	-	G		uc002wyc.2	\MT3B_uc010ztx...	
DVL1	p.R27C	1	1284367	1284367	37	issense_Mutati	SNP	G	A		uc001aer.3		view
DYRK3		1	206822409	206822413	37	3'UTR	Del	TAGAG	-		uc001hej.2	\RK3_uc001hek....	
EPHA6		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	\HA6_uc003drs....	
EPS15		1	51822220	51822220	37	3'UTR	Del	A	-		uc001csq.1	\S15_uc009vyz....	
ETV1		7	14028708	14028708	37	5'UTR	Del	A	-	rs77190713	uc011jq.1	\V1_uc011jxn.1...	
FGFR1OP		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	\R6_uc003qvl.2...	
FGFR3		4	1809128	1809129	37	3'UTR	Del	GT	-		uc003gdu.2	\FR3_uc003gdr....	
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	\I1_uc010sbt.1...	
FMO4	p.W490*	1	171310770	171310770	37	insense_Mutati	SNP	G	A		uc001gho.2		view
FN1		2	216244182	216244185	37	Intron	Del	GTAC	-		uc002vfa.2	\1_uc002vfb.2_...	
FURIN	p.R677W	15	91424752	91424752	37	issense_Mutati	SNP	C	T		uc002bpu.1	\S_uc010uqj.1_	view

GPC3		X	132888208	132888208	37	Intron	Del	A	-		uc010nrn.1	3C3_uc004exd.1...	
GPR112	p.D2657del	X	135474445	135474447	37	In_Frame_Del	Del	GAT	-	rs3030295	uc004ezu.1	R112_uc010nsb...	
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	RIA3_uc004etr....	
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	rs525754;rs3083	uc001rcd.2	JCY2C_uc009zhz...	
HIF1A		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xf.2	IF1A_uc001xfq....	
HNF1A		12	121434630	121434631	37	Intron	Ins	-	TCATTCAT	rs75100977	uc010szn.1	NF1A_uc001tze....	
HSP90B1	p.E791del	12	104341188	104341190	37	In_Frame_Del	Del	GAA	-	rs117491163	uc001tkb.1	P90B1_uc010sw...	
ILK		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	K_uc001mef.2_...	
INSRR	p.T107M	1	156823861	156823861	37	issense_Mutati	SNP	G	A		uc010pht.1	TRK1_uc001fqf...	view
ITGB1		10	33197131	33197134	37	Intron	Del	CTTT	-	rs116966876	uc001iwq.3	GB1_uc001iwp....	
ITPR2	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	696203;rs5919	uc001rhg.2		view
KDR	p.Y357N	4	55976843	55976843	37	issense_Mutati	SNP	A	T		uc003has.2	DR_uc003hat.1_...	view
KLK7		19	51480672	51480675	37	3'UTR	Del	GGTT	-		uc002puo.2	K7_uc002pup.2...	
KRAS		12	25398327	25398327	37	5'UTR	SNP	G	A		uc001rgp.1	AS_uc001rgq.1_...	view
LAMP1	p.R409S	13	113976709	113976709	37	issense_Mutati	SNP	G	C		uc001vtm.1	LMP1_uc010tka_...	view
LATS2		13	21620222	21620223	37	5'UTR	Ins	-	A	rs40127;rs11572	uc009zsz.2	LTS2_uc001unr....	
LIMK1	p.G480R	7	73530159	73530159	37	issense_Mutati	SNP	G	A		uc003uaa.1	FC2_uc011kfa.1_...	view
LRP2	p.E4270K	2	170003252	170003252	37	issense_Mutati	SNP	C	T		uc002ues.2		view
MAF		16	79628537	79628537	37	Intron	Del	T	-		uc002ffm.2	AF_uc002ffn.2_...	
MAMDC4	p.P1130L	9	139755030	139755030	37	issense_Mutati	SNP	C	T		uc004cjs.2	MDC4_uc011m_...	view
MAML3	p.Q767_splice	4	140651585	140651587	37	Splice_Site_Del	Del	CTG	-		uc003ihz.1	GST2_uc010ioi....	
MAP3K1	p.T949del	5	56177849	56177851	37	In_Frame_Del	Del	CAA	-		uc003jqw.3		
MAP3K13	p.G693S	3	185191196	185191196	37	issense_Mutati	SNP	G	A		uc010hyf.2	AP3K13_uc011b_...	view
MAP3K14	p.R218_splice	17	43364293	43364294	37	Splice_Site_Ins	Ins	-	G	rs66766023	uc002iiv.1	AP3K14_uc010da...	
MAP4K3	p.P772S	2	39485723	39485723	37	issense_Mutati	SNP	G	A		uc002rro.2	AP4K3_uc002rrj_...	view
MAPK4	p.S265R	18	48248409	48248409	37	issense_Mutati	SNP	A	C		uc002lev.2	APK4_uc010xdn_...	view
MLL3	p.Y816fs	7	151945071	151945072	37	Frame_Shift_Ins	Ins	-	T		uc003wla.2		
MSH3	p.PPA66del	5	79950742	79950750	37	In_Frame_Del	Del	CCCCC...	-	rs484572;rs1047	uc003kgz.2	HFR_uc011ctl.1...	
MYH9	p.G707D	22	36702015	36702015	37	issense_Mutati	SNP	C	T		uc003app.2	RH9_uc003aph_...	view
NCAM1		11	112832307	112832308	37	5'UTR	Ins	-	A	rs117108942	uc009yyq.1	AM1_uc001pno....	
NCAM1		11	112832340	112832340	37	5'UTR	Del	C	-		uc009yyq.1	AM1_uc001pno....	
NEK3	p.K313_splice	13	52718050	52718051	37	Splice_Site_Ins	Ins	-	T	rs72514762	uc001vgh.2	EK3_uc001vvg.2...	view
NEK8	p.R95H	17	27061820	27061820	37	issense_Mutati	SNP	G	A		uc002hcp.2		view
NIPBL	p.V2425M	5	37057297	37057297	37	issense_Mutati	SNP	G	A		uc003jkl.3	IPBL_uc003jkk_...	view
NPR1		1	153665919	153665920	37	3'UTR	Ins	-	C	rs66682713	uc001fcs.3	PR1_uc010pdz.1...	
NPRL2		3	50384978	50384978	37	3'UTR	Del	C	-	rs75013672	uc003daj.1	YND10_uc003da...	
NR1H2	p.176_177insQ	19	50881822	50881823	37	In_Frame_Ins	Ins	-	CAG	rs1751954;rs1052	uc010enw.2	R1H2_uc002prv....	
NRAS	p.Q61L	1	115256529	115256529	37	issense_Mutati	SNP	T	A	rs11554290	uc009wgu.2		view

PAX3		2	223066017	223066018	37	Intron	Ins	-	C	rs115619343	uc002vmt.1	X3_uc002vmy.1...	
PAX3		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	X3_uc002vmy.1...	
PDE4DIP		1	144892109	144892109	37	Intron	SNP	C	T		uc001elw.3	3PF10_uc009wi	view
PDGFRA		4	55131002	55131002	37	Intron	Del	A	-		uc003han.3	GFRA_uc003haa...	
PGR		11	100933598	100933599	37	Intron	Ins	-	AATGA	rs35148438	uc001pgh.2	3R_uc001pgg.2...	
PHKG2		16	30768493	30768499	37	3'UTR	Del	CTCTG...	-	rs77175815	uc002dzi.1	4KG2_uc002dzj...	
PIK3R2	p.Y655*	19	18279692	18279692	37	insense_Mutati	SNP	C	A		uc002nia.1	K3R2_uc002nib	view
PPP2CA		5	133561635	133561635	37	5'UTR	SNP	G	T		uc003kze.2	3KL3_uc011cxm	view
PREX2	p.L50V	8	68930087	68930087	37	issense_Mutati	SNP	T	G		uc003xxv.1	3EX2_uc003xxu	view
PRKDC	p.L1244fs	8	48805816	48805817	37	Frame_Shift_In	Ins	-	G	rs67588121	uc003xqi.2	3KDC_uc003xqj...	
RAPGEF2		4	160189200	160189201	37	5'UTR	Ins	-	T	rs72011511	uc003iqg.3		
RASGRF1		15	79277150	79277151	37	Intron	Ins	-	C	045840;rs77640	uc002beq.2	SGRF1_uc002be...	
RBL1	p.C807Y	20	35651192	35651192	37	issense_Mutati	SNP	C	T		uc002xgi.2	BL1_uc010zvt.1	view
RBL1		20	35724337	35724337	37	5'UTR	SNP	C	T		uc002xgi.2	BL1_uc010zvt.1	view
RBPJ		4	26431822	26431822	37	Intron	Del	A	-	rs76214390	uc003grx.1	BPJ_uc003gry.1...	
RECQL4	p.A413R	8	145741168	145741169	37	issense_Mutati	DNP	GC	CT		uc003zjd.2	RC14_uc003zdk...	
RET	p.D567N	10	43608351	43608351	37	issense_Mutati	SNP	G	A		uc001jal.2	ET_uc001jak.1_	view
ROBO2		3	77666937	77666937	37	Intron	Del	A	-	rs78745603	uc003dpz.2	3BO2_uc003dpy...	
RPS6KB1		17	58024224	58024225	37	3'UTR	Ins	-	AA	rs67846207	uc002ixy.2	S6KB1_uc010dd...	
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sws.3	3K31_uc003swt...	
STK32B		4	5141927	5141927	37	Intron	SNP	T	C		uc003gih.1	3K32B_uc010ida	view
TEC		4	48139307	48139310	37	3'UTR	Del	TTAT	-	rs79098351	uc003gxz.2		
TFEB	p.E8K	6	41658972	41658972	37	issense_Mutati	SNP	C	T		uc003oqu.1	3EB_uc003oqs.1	view
TGFB3		14	76429538	76429538	37	Intron	SNP	G	T		uc001xsc.2	3FB3_uc001xsd	view
TGS1	p.V715_splice	8	56723438	56723438	37	Splice_Site_SNP	SNP	A	G		uc003xsj.3	3S1_uc010lyh.2	view
TNFSF11	p.R284Q	13	43180951	43180951	37	issense_Mutati	SNP	G	A	rs61761332	uc001uyu.2	3FSF11_uc001uy	view
TRPS1		8	116635872	116635873	37	5'UTR	Ins	-	A	rs76893349	uc003yny.2	3PS1_uc011lhy...	
TTBK1	p.E771del	6	43250726	43250728	37	In_Frame_Del	Del	GAA	-		uc003ouq.1		
TTN	p.T15654S	2	179468749	179468749	37	issense_Mutati	SNP	G	C		uc010zfg.1	3N_uc010zfh.1_	view

