

Mutations in U-87 MG

U87MG_CENTRAL_NERVOUS_SYSTEM													
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
AAK1	p.S541_542QQ>C	2	69741754	69741756	37	In_Frame_Del	Del	TGT	-	rs55712143	uc002sfp.2	AAK1_uc010fdk.2...	
ACACA		17	35766564	35766564	37	5'UTR	Del	A	-		uc002hno.2	ACA_uc002hnn....	
ADAM17		2	9630245	9630245	37	3'UTR	Del	T	-		uc002qzu.2	ADAM17_uc010yiz.1...	
ADAM28		8	24211994	24211997	37	3'UTR	Del	CTAT	-	rs10610134	uc003xdy.2	ADAM28_uc011laa...	
AFF1	p.D775Y	4	88036308	88036308	37	Missense_Mutation	SNP	G	T		uc011ccz.1	AFF1_uc003hqj.3	view
AKAP9	p.L1335_1336insG	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	AKAP9_uc003ule....	
ALPK1		4	113347609	113347610	37	Intron	Ins	-	T	rs68137453	uc003iap.3	ALPK1_uc003ian....	
ALPK2	p.E1006del	18	56204388	56204402	37	In_Frame_Del	Del	CAGTT...	-	rs144017;rs11762	uc002lhj.3	ALPK2_uc002lhc....	
BCR		22	23631813	23631814	37	Intron	Ins	-	C	rs66503844	uc002zww.2	BCR_uc002zwx.2_...	
BMPR1A	p.W271R	10	88677026	88677026	37	Missense_Mutation	SNP	T	C		uc001kdy.2		view
CABC1		1	227171585	227171585	37	Intron	Del	T	-		uc001hqm.1	CABC1_uc001hqn....	
CACNB2		10	18828721	18828722	37	3'UTR	Ins	-	AA	rs3841459	uc001ipr.2	CACNB2_uc009xjz...	
CDK11B		1	1654066	1654068	37	Intron	Del	GCG	-		uc001agv.1	CDK11B_uc001aha...	
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	CLTCL1_uc011agv...	
DACH1		13	72014625	72014626	37	3'UTR	Ins	-	T	rs117109529	uc010thn.1	DACH1_uc010tho....	
DYRK1A		21	38884966	38884967	37	3'UTR	Ins	-	T	rs72430212	uc002ywk.2	DYRK1A_uc002ywi...	
EP300		22	41574970	41574972	37	3'UTR	Del	GTA	-	rs76489032	uc003azl.3		
EPHA3	p.K500N	3	89448536	89448536	37	Missense_Mutation	SNP	G	T		uc003dqy.2	EPHA3_uc003dqx	view
EPHA6		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	EPHA6_uc003drs....	
EPHB6	p.Y132*	7	142561954	142561954	37	Nonsense_Mutation	SNP	C	A		uc011kst.1	EPHB6_uc011ksu	view
FAM132A		1	1177919	1177919	37	3'UTR	Del	T	-		uc001adl.1		
FGFR1OP		6	167453519	167453520	37	3'UTR	Ins	-	T	rs115519488	uc003qvj.2	FGFR1OP_uc003qvl.2...	
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	FLI1_uc010sbt.1...	
FMN2	p.L193del	1	240370914	240370946	37	In_Frame_Del	Del	GCCCC...	-	rs997328;rs4997	uc010pye.1	FMN2_uc010pyd.1...	
FN1		2	216244182	216244185	37	Intron	Del	GTAC	-		uc002vfa.2	FN1_uc002vfb.2_...	
GLI3	p.V1299L	7	42004776	42004776	37	Missense_Mutation	SNP	C	A		uc011kbh.1	GLI3_uc011kbg.1	view
GPR112	p.D2657del	X	135474445	135474447	37	In_Frame_Del	Del	GAT	-	rs3030295	uc004ezu.1	GPR112_uc010nsb...	
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	GRIA3_uc004etr....	
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	rs1525754;rs3083	uc001rcd.2	GUCY2C_uc009zhz...	
ILK		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	ILK_uc001mef.2_...	
ITPR2	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	rs696203;rs5919	uc001rhg.2		
LETM2		8	38265796	38265798	37	3'UTR	Del	ACT	-		uc003xlm.1	LETM2_uc003xll....	
MAF		16	79628537	79628537	37	Intron	Del	T	-		uc002ffm.2	MAF_uc002ffn.2_...	

MAML2	504_607QQQ:	11	95825375	95825383	37	In_Frame_Del	Del	TGCTG...	-	rs113349418	uc001pfw.1		
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		
MAP3K4	p.A1199del	6	161519351	161519353	37	In_Frame_Del	Del	CTG	-		uc003qtn.2	MAP3K4_uc010kkc...	
MAPK14		6	36076345	36076354	37	3'UTR	Del	GTGTG...	-	rs80147786	uc003olp.2	MAPK14_uc003olq...	
MAST1		19	12958936	12958936	37	Intron	SNP	C	G		uc002mvm.2	MAST1_uc002mvl	view
MYH10	p.D530N	17	8445442	8445442	37	Missense_Mutation	SNP	C	T		uc002glm.2	MYH10_uc002gll	view
MYLK	p.A1762V	3	123339137	123339137	37	Missense_Mutation	SNP	G	A		uc003ego.2	MYLK_uc003egl.2	view
NCAM1		11	112832307	112832308	37	5'UTR	Ins	-	A	rs117108942	uc009yyq.1	NCAM1_uc001pno...	
NCAM1		11	112832340	112832340	37	5'UTR	Del	C	-		uc009yyq.1	NCAM1_uc001pno...	
NEK3	p.K313_splice	13	52718050	52718051	37	Splice_Site_Ins	Ins	-	T	rs72514762	uc001vgh.2	NEK3_uc001vvg.2...	
NF1	p.L1246fs	17	29562657	29562660	37	Frame_Shift_Del	Del	TGTT	-		uc002hgg.2	NF1_uc002hgh.2...	
NF1	p.K1444M	17	29585519	29585519	37	Missense_Mutation	SNP	A	T		uc002hgg.2	NF1_uc002hgh.2...	view
NLK		17	26521867	26521867	37	3'UTR	SNP	A	G		uc010crj.2	NLK_uc010cri.1...	view
NOTCH2	p.R2105W	1	120459032	120459032	37	Missense_Mutation	SNP	G	A		uc001eik.2		view
NPM1		5	170837734	170837734	37	3'UTR	Del	T	-		uc011dex.1	NPM1_uc003mbi.2...	
NR1H2	p.176_177insQ	19	50881820	50881821	37	In_Frame_Ins	Ins	-	AAC	rs783852;rs11235	uc010enw.2	NR1H2_uc002prv...	
NR1H2	p.176_177insQ	19	50881822	50881823	37	In_Frame_Ins	Ins	-	CAG	rs1751954;rs1052	uc010enw.2	NR1H2_uc002prv...	
NSD1	p.L1127R	5	176638780	176638780	37	Missense_Mutation	SNP	T	G		uc003mfr.3	NSD1_uc003mft.3...	view
PAX3		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	PAX3_uc002vmy.1...	
PCM1	p.R1907H	8	17872228	17872228	37	Missense_Mutation	SNP	G	A		uc003wyi.3	PCM1_uc011kyh.1...	view
PDE4DIP	p.Q1665fs	1	144873963	144873963	37	Frame_Shift_Del	Del	T	-		uc001elw.3	PDE4DIP_uc009wir...	
PDE4DIP		1	144931723	144931723	37	Intron	SNP	G	T		uc001elw.3	PDE4DIP_uc009wi...	view
PHKG2		16	30768493	30768499	37	3'UTR	Del	CTCTG...	-	rs77175815	uc002dzi.1	PHKG2_uc002dzj...	
PIK3C2G	p.P129del	12	18435399	18435401	37	In_Frame_Del	Del	CCC	-		uc010sib.1	PIK3C2G_uc001rd...	
PIK3C2G		12	18800990	18800990	37	3'UTR	Del	A	-	rs16914368	uc010sib.1	PIK3C2G_uc001rd...	
PLK2		5	57755014	57755014	37	Intron	Del	A	-		uc003jrn.2	PLK2_uc011cql.1...	
PPP3CA	p.R217*	4	102015066	102015066	37	Nonsense_Mutation	SNP	G	A		uc011cen.1	PPP3CA_uc003hvl...	view
PRAME	p.F495del	22	22890533	22890535	37	In_Frame_Del	Del	AGA	-		uc002zwf.2	PRAME_uc011a...	
PRKD3		2	37480319	37480320	37	Stop_Codon_Ins	Ins	-	T	rs79875666	uc002rqd.2		
PTEN	p.L70_splice	10	89685315	89685315	37	Splice_Site_SNP	SNP	G	T		uc001kfb.2		view
RAD50	p.D515G	5	131927007	131927007	37	Missense_Mutation	SNP	A	G		uc003kxi.2	RAD50_uc003kxh...	view
RECQL4	p.R766fs	8	145738768	145738768	37	Frame_Shift_Del	Del	G	-		uc003zdj.2		
RIOK3	p.S247C	18	21047415	21047415	37	Missense_Mutation	SNP	C	G		uc002kui.3	RIOK3_uc010dls...	view
ROBO1	p.G41R	3	79174657	79174657	37	Missense_Mutation	SNP	C	G		uc003dqe.2		view
RPS6KB1		17	58024224	58024225	37	3'UTR	Ins	-	AA	rs67846207	uc002ixy.2	RPS6KB1_uc010dd...	
RPS6KC1	p.Q740*	1	213415037	213415037	37	Nonsense_Mutation	SNP	C	T		uc010ptr.1	RPS6KC1_uc001h...	view
RPS6KL1		14	75373626	75373627	37	3'UTR	Ins	-	TGAT		uc001xqx.1	RPS6KL1_uc001xq...	

SACS	p.N2295K	13	23911130	23911130	37	Missense_Mutation	SNP	G	C		uc001uon.2	CS_uc001uoo.2	view
SACS	p.S2273*	13	23911197	23911197	37	Nonsense_Mutation	SNP	G	T		uc001uon.2	CS_uc001uoo.2	view
SACS	p.S2265C	13	23911220	23911221	37	Missense_Mutation	DNP	GG	AC		uc001uon.2	CS_uc001uoo.2...	
SMAD7		18	46447624	46447624	37	3'UTR	Del	A	-		uc002ldg.2	AD7_uc002ldf....	
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sws.3	K31_uc003swt....	
TEC		4	48139307	48139310	37	3'UTR	Del	TTAT	-	rs79098351	uc003gxz.2		
TMEM123		11	102269398	102269398	37	3'UTR	Del	G	-		uc001pha.2	EM123_uc009yx...	
TNN	p.R1021W	1	175097183	175097183	37	Missense_Mutation	SNP	C	T		uc001gkl.1		view
TRIM37	p.N144S	17	57158519	57158519	37	Missense_Mutation	SNP	T	C		uc002iwy.3	IM37_uc002iw...	view
TTN		2	179391639	179391640	37	3'UTR	Ins	-	T	rs36037175	uc010zfg.1	TN_uc010zfh.1_...	
ULK1	p.D700G	12	132401524	132401524	37	Missense_Mutation	SNP	A	G		uc001uje.2		view
VEGFC	p.S419_splice	4	177605082	177605084	37	Splice_Site_Del	Del	TCA	-		uc003ius.1		

