

Mutations in A549

A549_LUNG													
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
ACOXL		2	111851275	111851275	37	Intron	SNP	A	G		uc010yxk.1	COXL_uc010fkc.	view
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_uc011laa...	
ADAMTS19	p.E398D	5	128864254	128864254	37	missense_Mutati	SNP	G	T		uc003kvb.1	AMTS19_uc003	view
AIM1	p.K782T	6	106968652	106968652	37	missense_Mutati	SNP	A	C	rs61739377	uc003prh.2		view
AKAP12	p.1531_1532ins	6	151674116	151674117	37	In_Frame_Ins	Ins	-	GAG	rs34737819	uc011eep.1	AP12_uc003qoe...	
AKAP9	p.1335_1336ins	7	91652178	91652179	37	In_Frame_Ins	Ins	-	AAC	rs34756483	uc003ulg.2	\AP9_uc003ule....	
ATR	p.R878_splice	3	142272241	142272241	37	Splice_Site_SNF	SNP	C	T		uc003eux.3		view
BCL3		19	45262965	45262968	37	3'UTR	Del	CCCC	-		uc010xxe.1		
BCR		22	23657903	23657903	37	3'UTR	SNP	G	T		uc002zww.2	\R_uc002zwx.2_	view
BCR		22	23631813	23631814	37	Intron	Ins	-	C	rs66503844	uc002zww.2	\R_uc002zwx.2_...	
BRD3	p.E509del	9	136905272	136905274	37	In_Frame_Del	Del	CTC	-		uc004cew.2	\D3_uc004cex.2...	
BTG1		12	92537706	92537707	37	3'UTR	Ins	-	T	rs33983967	uc001tby.3	\G1_uc001tbv.1...	
CARD11	p.M1124I	7	2946365	2946365	37	missense_Mutati	SNP	C	T		uc003smv.2		view
CBL	p.R585C	11	119156088	119156088	37	missense_Mutati	SNP	C	T		uc001pwe.2		view
CCNB1		5	68462940	68462940	37	5'UTR	SNP	T	A		uc003jvm.2	\NB1_uc011crd	view
CCNT1		12	49110521	49110521	37	5'UTR	SNP	G	A		uc001rse.1	\NT1_uc009zgz	view
CHRN4	p.H339Q	15	78921630	78921630	37	missense_Mutati	SNP	G	T		uc002bed.1	\RN4_uc002be	view
CLTCL1	p.V1201_splice	22	19189003	19189004	37	Splice_Site_Ins	Ins	-	C	rs11386977	uc002zpb.2	\TCL1_uc011agv...	
CREB3L2	p.T100del	7	137612914	137612916	37	In_Frame_Del	Del	TGG	-		uc003vtw.2	\EB3L2_uc003vt...	
CSF1R		5	149433400	149433401	37	3'UTR	Ins	-	C	970099;rs7844	uc003lrl.2	\F1R_uc011dcd....	
CYP27B1		12	58156741	58156741	37	3'UTR	SNP	C	T		uc001spz.1	\P27B1_uc001st	view
DACH1		13	72014625	72014626	37	3'UTR	Ins	-	T	rs117109529	uc010thn.1	\ACH1_uc010tho....	
DCLK3	p.L43M	3	36780024	36780024	37	missense_Mutati	SNP	G	T		uc003cgi.2		view
EIF4E		4	99808137	99808141	37	Intron	Del	TTAAA	-		uc011ceb.1	\F4E_uc011cea....	
EPHA1	p.A674G	7	143092474	143092474	37	missense_Mutati	SNP	G	C		uc003wcz.2		view
EPHA6		3	97367230	97367231	37	Intron	Ins	-	A	rs115253553	uc010how.1	\PHA6_uc003drs....	
EPHB6		7	142568771	142568771	37	3'UTR	Del	C	-		uc011kst.1	\PHB6_uc011ksu....	
ERC1	p.T1032T	12	1553799	1553799	37	Silent	SNP	C	A		uc001qjb.2	\RC1_uc001qiz.2	view
F12	p.V502L	5	176830282	176830282	37	missense_Mutati	SNP	C	G		uc003mgo.3	\N3_uc003mgl.2	view
FBN2		5	127595063	127595063	37	3'UTR	SNP	C	A		uc003kuu.2		view
FGFR10P		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....	

FH	p.G464V	1	241661270	241661270	37	issense_Mutati	SNP	C	A		uc001hyx.2		view
FLI1		11	128638217	128638217	37	Intron	Del	G	-		uc010sbu.1	LI1_uc010sbt.1...	
FLT3	p.N323K	13	28623588	28623588	37	issense_Mutati	SNP	G	T		uc001urw.2	T3_uc010aa0.2	view
FLT4		5	180035183	180035185	37	Intron	Del	AGT	-		uc003mlz.3	T4_uc003mma.3...	
FMN2	PLPGAGIPPP93S	1	240370914	240370946	37	In_Frame_Del	Del	GCCCC...	-	997328;rs4997	uc010pye.1	FN2_uc010pyd.1...	
FUS	p.R384H	16	31201442	31201442	37	issense_Mutati	SNP	G	A		uc002ebi.2	JS_uc002ebf.2	view
GRIA3		X	122318386	122318387	37	Splice_Site_Ins	Ins	-	G	rs66632982	uc004etq.3	RIA3_uc004etr....	
GUCY2C		12	14827464	14827466	37	Intron	Del	ATC	-	525754;rs3083	uc001rcd.2	JCY2C_uc009zhz...	
HIF1A		14	62213929	62213930	37	3'UTR	Ins	-	T	rs67890419	uc001xfz.2	IF1A_uc001xfq....	
HIP1	p.S277N	7	75192541	75192541	37	issense_Mutati	SNP	C	T		uc003uds.1	IP1_uc011kfb.1	view
HIPK3	p.D713G	11	33369293	33369293	37	issense_Mutati	SNP	A	G		uc001mul.1	P3K3_uc001mum...	view
HNF1A		12	121434630	121434631	37	Intron	Ins	-	TCATTTCAT	rs75100977	uc010szn.1	NF1A_uc001tze....	
ILK		11	6630029	6630029	37	Intron	Del	C	-		uc001mee.2	K_uc001mef.2_...	
ITPR2	p.R470_splice	12	26834804	26834805	37	Splice_Site_Ins	Ins	-	ACTC	696203;rs5919	uc001rhg.2		
KIAA1549	p.R1603W	7	138552843	138552843	37	issense_Mutati	SNP	G	A		uc011kql.1	AA1549_uc011l...	view
KLK7		19	51480672	51480675	37	3'UTR	Del	GGTT	-		uc002puo.2	KLK7_uc002pup.2...	
KRAS	p.G12S	12	25398285	25398285	37	issense_Mutati	SNP	C	T		uc001rgp.1	KRAS_uc001rgq.1	view
LRP1	p.R678Q	12	57554729	57554729	37	issense_Mutati	SNP	G	A		uc001snd.2		view
LRP2	p.R437I	2	170136891	170136891	37	issense_Mutati	SNP	C	A		uc002ues.2	LRP2_uc010zdf.1	view
MAF		16	79628537	79628537	37	Intron	Del	T	-		uc002ffm.2	AF_uc002ffn.2_...	
MAGEB16	p.Q23K	X	35820380	35820380	37	issense_Mutati	SNP	C	A		uc010ngt.1		view
MAML2	604_607QQQQ:	11	95825375	95825383	37	In_Frame_Del	Del	TGCTG...	-	rs113349418	uc001pfi.1		
MAML3	p.Q767_splice	4	140651585	140651587	37	Splice_Site_Del	Del	CTG	-		uc003ihz.1	GST2_uc010ioi....	
MAP3K14	p.R218_splice	17	43364293	43364294	37	Splice_Site_Ins	Ins	-	G	rs66766023	uc002iiv.1	MAP3K14_uc010da...	
MAPKBP1		15	42111753	42111754	37	Intron	Ins	-	C	rs3034891	uc001zok.3	MAPKBP1_uc001zo...	
MCM3APAS		21	47671275	47671276	37	3'UTR	Ins	-	AAT	rs67797185	uc002zin.2	M3APAS_uc002z...	
MLLT3		9	20346377	20346378	37	3'UTR	Ins	-	A	rs66943046	uc003zoe.2	MLLT3_uc011lne....	
MSH3	p.PPA66del	5	79950742	79950750	37	In_Frame_Del	Del	CCCCC...	-	484572;rs1047	uc003kgz.2	HFR_uc011ctl.1...	
MYO18B	p.R2381H	22	26423082	26423082	37	issense_Mutati	SNP	G	A		uc003abz.1	MYO18B_uc003ac...	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...	
NFATC1		18	77287653	77287654	37	3'UTR	Del	AA	-		uc010xfg.1	NFATC1_uc002lnd...	
NIN		14	51190065	51190065	37	3'UTR	SNP	A	T		uc001wyl.2	NIN_uc001wyj.2	view
NPR1		1	153665919	153665920	37	3'UTR	Ins	-	C	rs66682713	uc001fcs.3	NPR1_uc010pdz.1...	
NR1H2	p.176_177insQ	19	50881820	50881821	37	In_Frame_Ins	Ins	-	AAC	783852;rs11235	uc010enw.2	NR1H2_uc002prv....	
PAK7	p.K149N	20	9561335	9561335	37	issense_Mutati	SNP	C	A		uc002wnl.2	PAK7_uc002wnk.2	view
PAX3		2	223158653	223158653	37	Intron	Del	T	-	rs112753212	uc002vmt.1	PAX3_uc002vmy.1...	

PAX5		9	37034094	37034095	37	5'UTR	Del	TC	-		uc003zzo.1	X5_uc011pw.1...	
PGR		11	100933598	100933599	37	Intron	Ins	-	AATGA	rs35148438	uc001pgh.2	iR_uc001pgg.2_...	
PIK3C2G	p.P129del	12	18435399	18435401	37	In_Frame_Del	Del	CCC	-		uc010sib.1	K3C2G_uc001rd...	
PIP4K2A		10	22825895	22825897	37	3'UTR	Del	CAA	-	3;rs34780922;r	uc001irl.3	P4K2A_uc010qc...	
PLK1	p.S595L	16	23701356	23701356	37	issense_Mutati	SNP	C	T	rs34001032	uc002dlz.1		view
POU5F1B	p.K195T	8	128428695	128428695	37	issense_Mutati	SNP	A	C		uc003ysf.2	C727677_uc00...	view
PRKCH		14	61788636	61788636	37	5'UTR	SNP	A	G		uc001xfn.2	RKCH_uc010tsa	view
PRKDC	p.L1244fs	8	48805816	48805817	37	Frame_Shift_In	Ins	-	G	rs67588121	uc003xqi.2	RKDC_uc003xqi...	
RASGRF1		15	79277150	79277151	37	Intron	Ins	-	C	045840;rs7764	uc002beq.2	SGRF1_uc002be...	
RECQL4	p.R766fs	8	145738768	145738768	37	Frame_Shift_De	Del	G	-		uc003zjd.2		
ROR1		1	64644707	64644707	37	3'UTR	Del	G	-	rs67076304	uc001dbj.2		
RPS6KB1		17	58024224	58024225	37	3'UTR	Ins	-	AA	rs67846207	uc002ixy.2	S6KB1_uc010dd...	
9-Sep		17	75494787	75494788	37	3'UTR	Ins	-	C	rs5822173	uc002jts.3	PT9_uc010wtk...	
SGK269	p.P867Q	15	77471669	77471669	37	issense_Mutati	SNP	G	T		uc002bcm.2	K269_uc002bcm	view
SLC6A8		X	152957656	152957657	37	Intron	Ins	-	A		uc004fib.3	C6A8_uc004fic...	
SMARCA4	p.L728fs	19	11121117	11121139	37	Frame_Shift_De	Del	G	-		uc010dxd.2	ARCA4_uc002mq...	
STAT5B		17	40353573	40353573	37	3'UTR	SNP	A	C		uc002hzh.2		view
STK31		7	23872024	23872025	37	3'UTR	Ins	-	TTTG	rs66787534	uc003sww.3	K31_uc003swt...	
STK32A	p.Q138K	5	146703612	146703612	37	issense_Mutati	SNP	C	A		uc011dbw.1	K32A_uc003lol	view
SUFU	p.T411M	10	104377121	104377121	37	issense_Mutati	SNP	C	T		uc001kvy.1	SUFU_uc001kvw...	view
TEC		4	48139307	48139310	37	3'UTR	Del	TTAT	-	rs79098351	uc003gxz.2		
TGFB2		1	218519928	218519929	37	5'UTR	Ins	-	AAAC		uc001hln.2	GFB2_uc001hll...	
TMEM123		11	102269398	102269398	37	3'UTR	Del	G	-		uc001pha.2	MEM123_uc009yx...	
TNN	p.V353M	1	175052894	175052894	37	issense_Mutati	SNP	G	A		uc001gkl.1	N_uc010pmx.1	view
TNRC6B	p.Q1328del	22	40697177	40697179	37	In_Frame_Del	Del	GCA	-	rs114291931	uc011aor.1	TNRC6B_uc003aym...	
TP63		3	189507518	189507519	37	Intron	Ins	-	AG	702062;rs7971	uc003fry.2	P63_uc003frx.2...	
TRIM33		1	114940212	114940212	37	3'UTR	Del	T	-		uc001eew.2	TRIM33_uc010owr...	
TTBK1	p.E771del	6	43250726	43250728	37	In_Frame_Del	Del	GAA	-		uc003ouq.1		
TTN		2	179391639	179391640	37	3'UTR	Ins	-	T	rs36037175	uc010zfg.1	TTN_uc010zfh.1_...	

